

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110918\
 Data File : VN052225.D
 Acq On : 9 Nov 2018 14:06
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 11 23:47:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Sun Nov 11 23:43:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	255365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	447843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	395302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	159044	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	17718	5.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.14%	
35) Dibromofluoromethane	7.59	113	14276	4.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.84%	
50) Toluene-d8	10.09	98	54461	4.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.60%	
62) 4-Bromofluorobenzene	12.40	95	16904	4.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.20%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	12713	4.579	ug/l 94
3) Chloromethane	2.06	50	18660	4.814	ug/l 99
4) Vinyl Chloride	2.19	62	15937	4.935	ug/l 95
5) Bromomethane	2.57	94	10323	5.038	ug/l 95
6) Chloroethane	2.71	64	9270	4.834	ug/l # 86
7) Trichlorofluoromethane	3.02	101	22715	5.053	ug/l 91
8) Diethyl Ether	3.41	74	8664	4.899	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	14939	5.160	ug/l # 86
10) Methyl Iodide	3.95	142	16757	4.478	ug/l 98
11) Tert butyl alcohol	4.78	59	3696	21.191	ug/l # 71
12) 1,1-Dichloroethene	3.74	96	14062	5.267	ug/l 89
13) Acrolein	3.61	56	4236	17.564	ug/l 98
14) Allyl chloride	4.33	41	27503	4.921	ug/l 99
15) Acrylonitrile	5.00	53	26915	24.462	ug/l 96
16) Acetone	3.82	43	29138	27.196	ug/l 98
17) Carbon Disulfide	4.05	76	35127	4.536	ug/l 96
18) Methyl Acetate	4.33	43	13689	4.972	ug/l 94
19) Methyl tert-butyl Ether	5.04	73	38437	5.039	ug/l 98
20) Methylene Chloride	4.55	84	16071	5.434	ug/l # 92
21) trans-1,2-Dichloroethene	5.05	96	15263	5.260	ug/l 88
22) Diisopropyl ether	5.95	45	55103	4.894	ug/l 95
23) Vinyl Acetate	5.90	43	183298	23.841	ug/l 99
24) 1,1-Dichloroethane	5.85	63	30345	5.128	ug/l 98
25) 2-Butanone	6.84	43	39552	26.548	ug/l 95
26) 2,2-Dichloropropane	6.82	77	20333	4.704	ug/l 84
27) cis-1,2-Dichloroethene	6.83	96	16705	5.143	ug/l 98
28) Bromochloromethane	7.20	49	15373	5.257	ug/l 93
29) Tetrahydrofuran	7.22	42	20395	21.299	ug/l # 89
30) Chloroform	7.37	83	28440	5.078	ug/l 96
31) Cyclohexane	7.66	56	32940	4.795	ug/l # 83
32) 1,1,1-Trichloroethane	7.57	97	22368	4.900	ug/l 95
36) 1,1-Dichloropropene	7.79	75	22049	4.878	ug/l 96
37) Ethyl Acetate	6.94	43	14787	4.434	ug/l # 77
38) Carbon Tetrachloride	7.78	117	20210	4.934	ug/l 99

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 Data File : VN052225.D
 Acq On : 9 Nov 2018 14:06
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 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 11 23:47:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Sun Nov 11 23:43:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	24905	4.830	ug/l	96
40) Benzene	8.04	78	64222	4.962	ug/l	100
41) Methacrylonitrile	7.18	41	8978	5.103	ug/l #	68
42) 1,2-Dichloroethane	8.13	62	22864	5.035	ug/l	97
43) Isopropyl Acetate	8.17	43	28468	4.804	ug/l #	87
44) Trichloroethene	8.84	130	15600	4.810	ug/l	93
45) 1,2-Dichloropropane	9.12	63	17135	4.739	ug/l	99
46) Dibromomethane	9.21	93	10544	5.077	ug/l	95
47) Bromodichloromethane	9.40	83	19878	4.620	ug/l #	98
48) Methyl methacrylate	9.20	41	15307	4.902	ug/l	97
49) 1,4-Dioxane	9.20	88	2315	92.228	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	78974	24.131	ug/l	97
52) Toluene	10.16	92	38588	4.943	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	18728	4.411	ug/l	95
54) cis-1,3-Dichloropropene	9.84	75	23195	4.627	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	14077	4.989	ug/l	93
56) Ethyl methacrylate	10.43	69	16341	4.285	ug/l	96
57) 1,3-Dichloropropane	10.71	76	24112	4.773	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	52111	24.677	ug/l	100
59) 2-Hexanone	10.75	43	58922	25.647	ug/l	100
60) Dibromochloromethane	10.90	129	12862	4.494	ug/l	95
61) 1,2-Dibromoethane	11.01	107	13211	4.764	ug/l	93
64) Tetrachloroethene	10.63	164	13365	4.829	ug/l	96
65) Chlorobenzene	11.43	112	41168	4.915	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	13433	4.734	ug/l	98
67) Ethyl Benzene	11.51	91	70119	4.759	ug/l	98
68) m/p-Xylenes	11.62	106	52452	9.560	ug/l	96
69) o-Xylene	11.95	106	26300	5.017	ug/l	95
70) Styrene	11.96	104	39634	4.680	ug/l	99
71) Bromoform	12.12	173	7076	4.180	ug/l #	95
73) Isopropylbenzene	12.25	105	66936	5.148	ug/l	99
74) N-amyl acetate	12.07	43	22083	4.679	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	16871	5.293	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	20266	7.943	ug/l #	100
77) Bromobenzene	12.53	156	15463	5.081	ug/l	99
78) n-propylbenzene	12.59	91	74195	4.873	ug/l	100
79) 2-Chlorotoluene	12.67	91	44521	5.047	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	51480	4.979	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	3375	4.094	ug/l #	80
82) 4-Chlorotoluene	12.77	91	44880	5.070	ug/l	99
83) tert-Butylbenzene	12.99	119	46002	5.096	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	52191	5.006	ug/l	99
85) sec-Butylbenzene	13.17	105	60901	4.920	ug/l	96
86) p-Isopropyltoluene	13.29	119	50777	4.903	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	25701	4.851	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	26287	4.956	ug/l	94
89) n-Butylbenzene	13.61	91	43853	4.755	ug/l	99
90) Hexachloroethane	13.88	117	8480	4.665	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	25548	4.941	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2347	5.180	ug/l	87

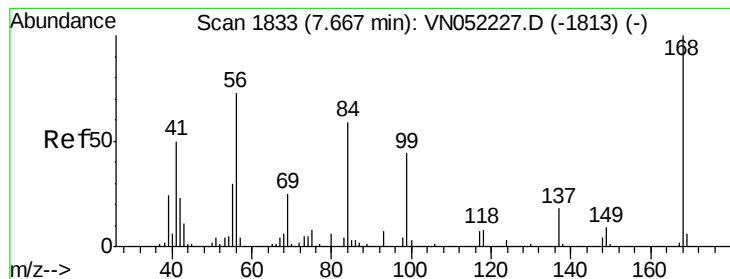
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110918\
Data File : VN052225.D
Acq On : 9 Nov 2018 14:06
Operator : MD\SY
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Nov 11 23:47:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
Quant Title : SW846 8260
QLast Update : Sun Nov 11 23:43:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	8238	4.029	ug/l	98
94) Hexachlorobutadiene	15.00	225	5613	5.052	ug/l	96
95) Naphthalene	15.13	128	19685	3.907	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	8150	4.216	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

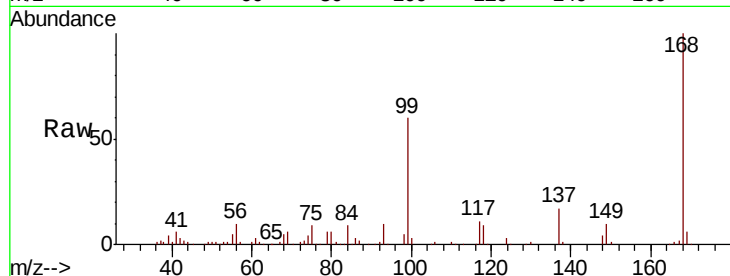
VSTDIC005

Tgt Ion:168 Resp: 255365

Ion Ratio Lower Upper

168 100

99 59.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

120000

100000

80000

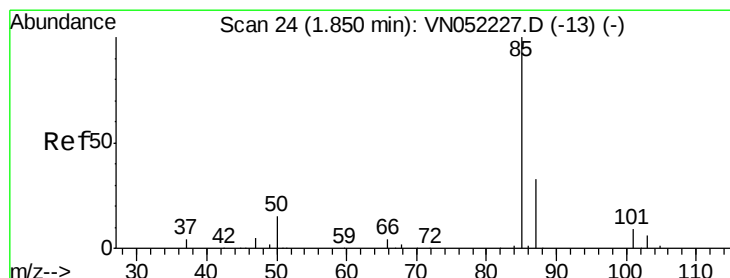
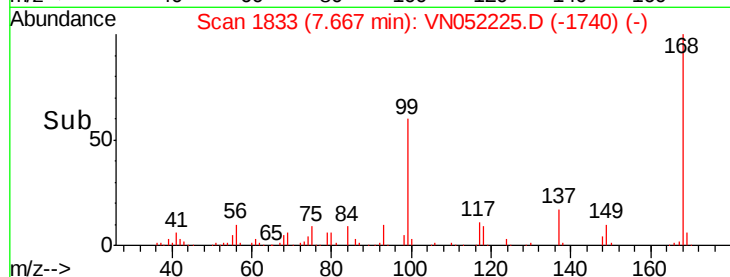
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.579 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052225.D

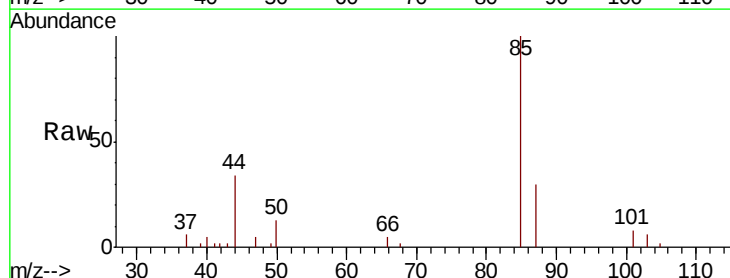
Acq: 9 Nov 2018 14:06

Tgt Ion: 85 Resp: 12713

Ion Ratio Lower Upper

85 100

87 30.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

10000

8000

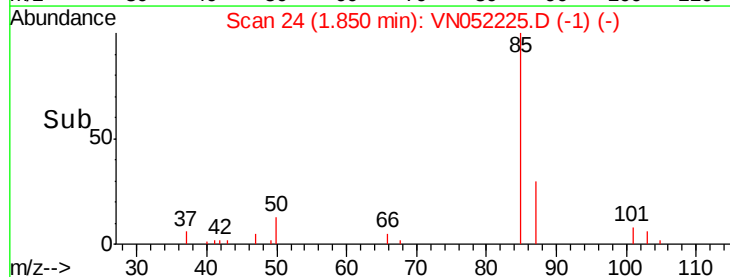
6000

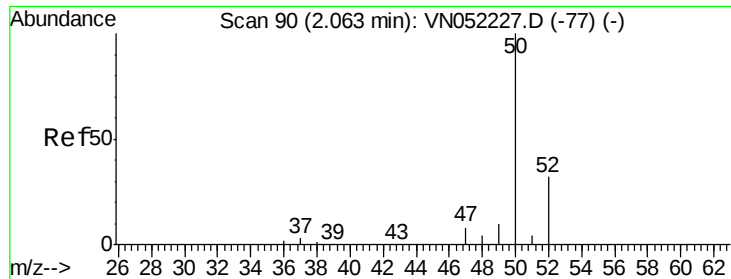
4000

2000

0

Time-->





#3

Chloromethane

Concen: 4.814 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

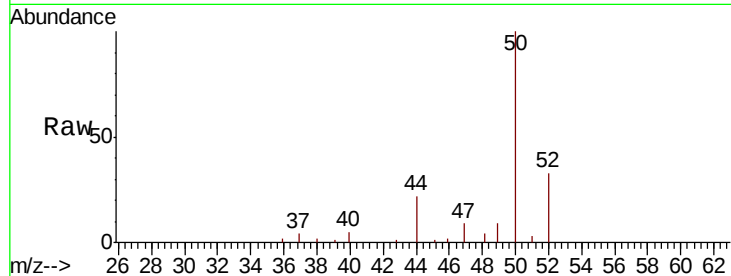
VSTDIC005

Tgt Ion: 50 Resp: 18660

Ion Ratio Lower Upper

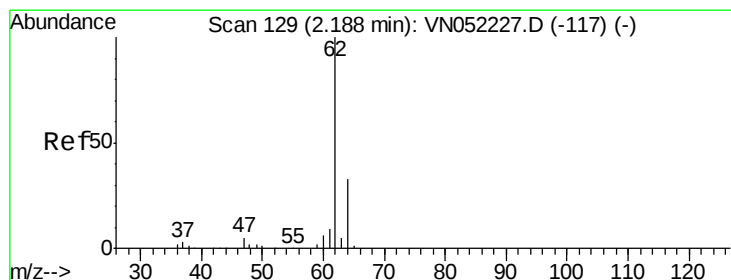
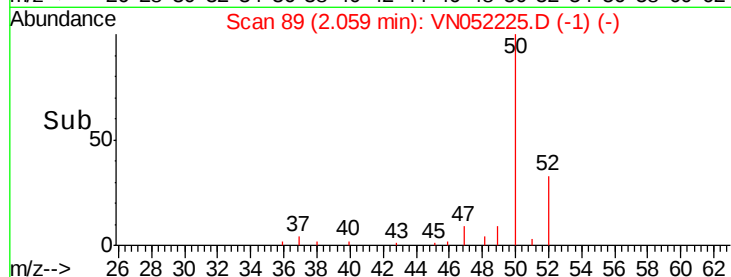
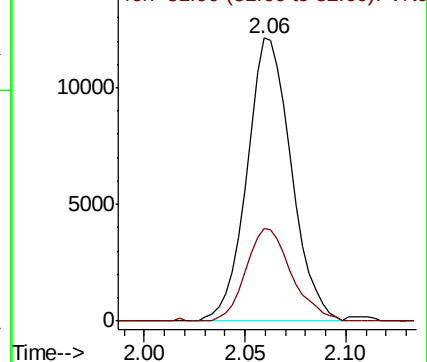
50 100

52 32.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 4.935 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN052225.D

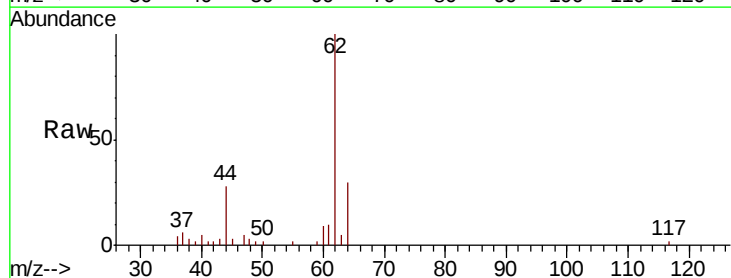
Acq: 9 Nov 2018 14:06

Tgt Ion: 62 Resp: 15937

Ion Ratio Lower Upper

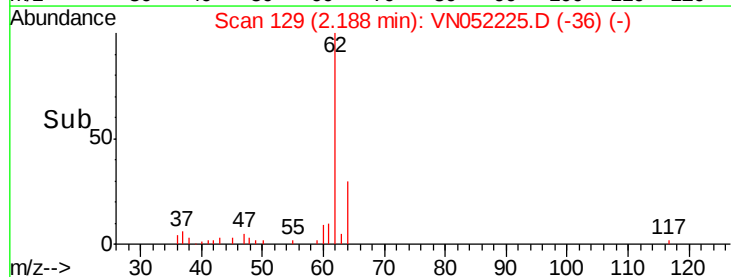
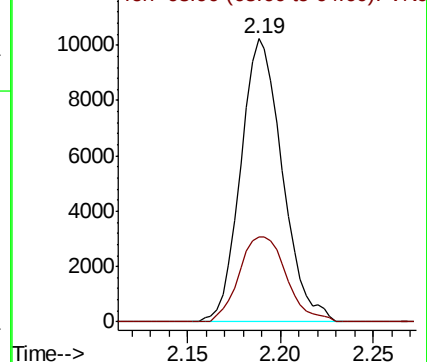
62 100

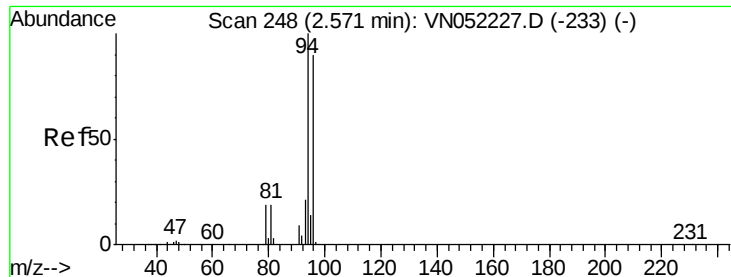
64 30.0 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 5.038 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

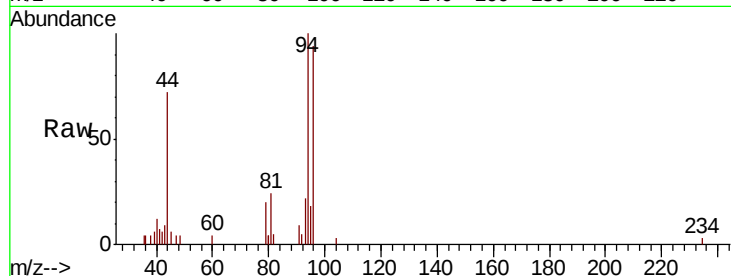
VSTDIC005

Tgt Ion: 94 Resp: 10323

Ion Ratio Lower Upper

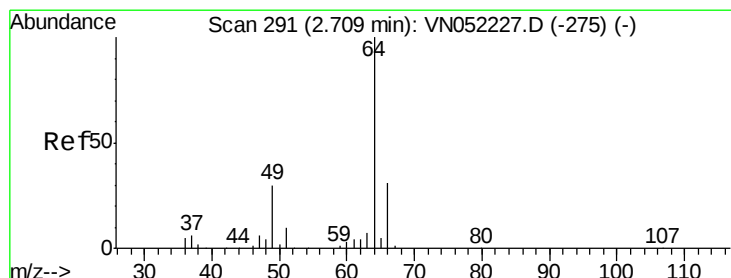
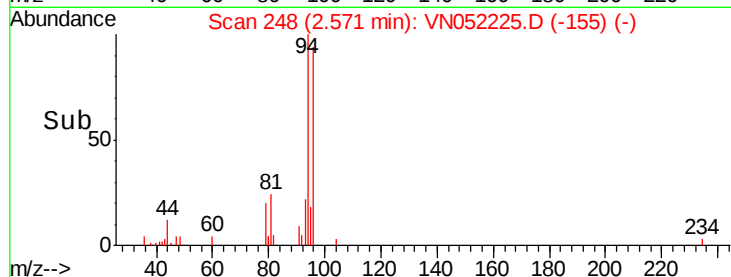
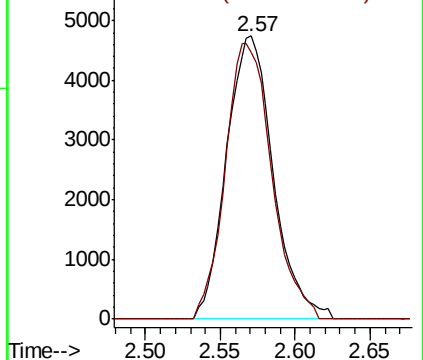
94 100

96 94.2 71.8 107.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 4.834 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN052225.D

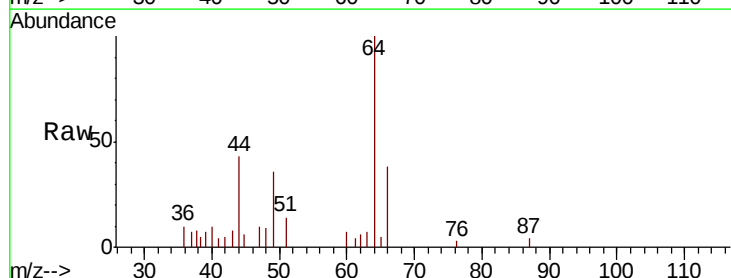
Acq: 9 Nov 2018 14:06

Tgt Ion: 64 Resp: 9270

Ion Ratio Lower Upper

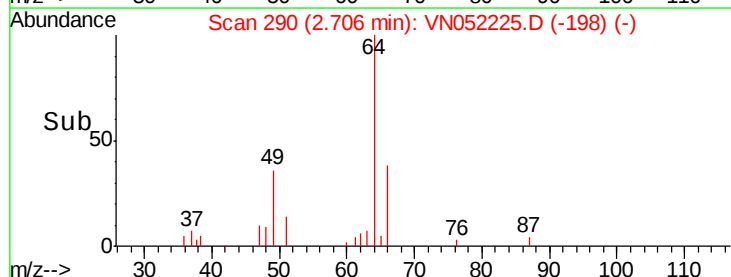
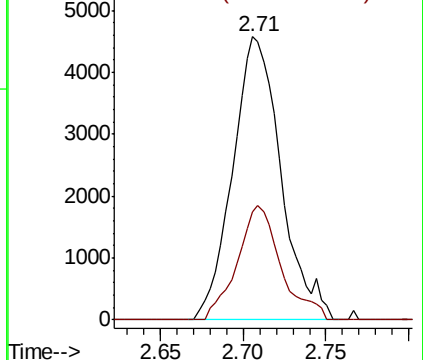
64 100

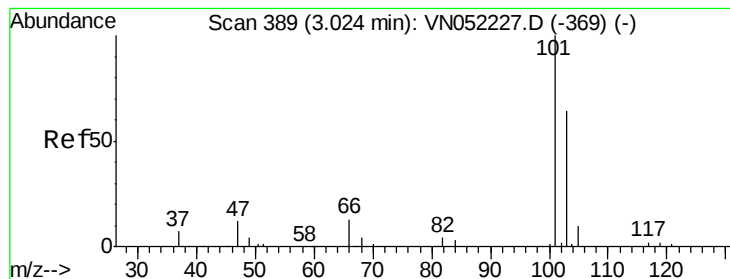
66 38.3 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 5.053 ug/l

RT: 3.02 min Scan# 388

Delta R.T. -0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

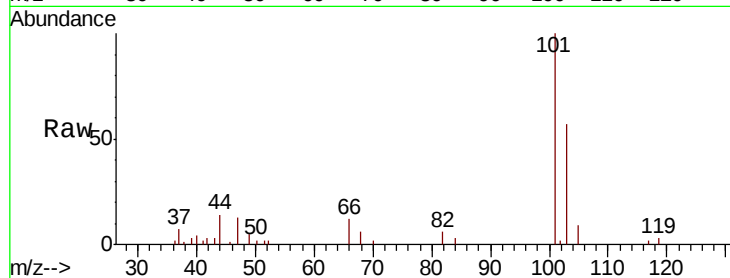
VSTDIC005

Tgt Ion:101 Resp: 22715

Ion Ratio Lower Upper

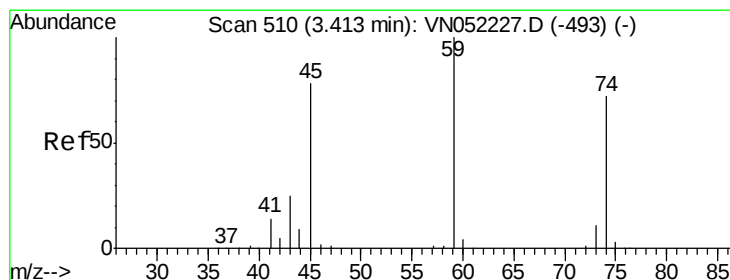
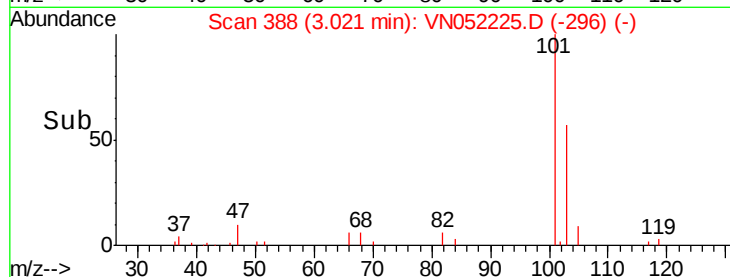
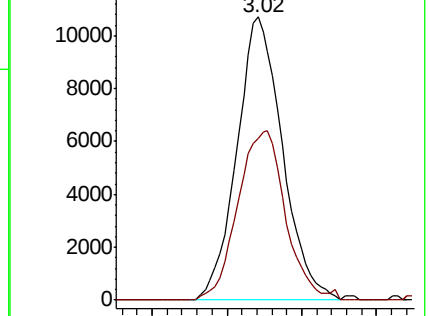
101 100

103 57.2 51.2 76.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.899 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN052225.D

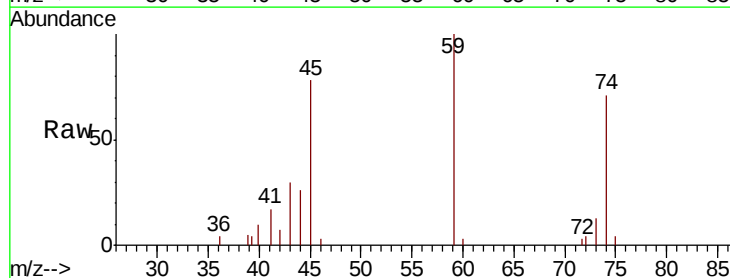
Acq: 9 Nov 2018 14:06

Tgt Ion: 74 Resp: 8664

Ion Ratio Lower Upper

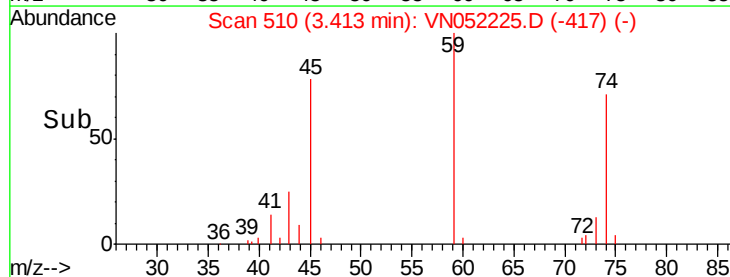
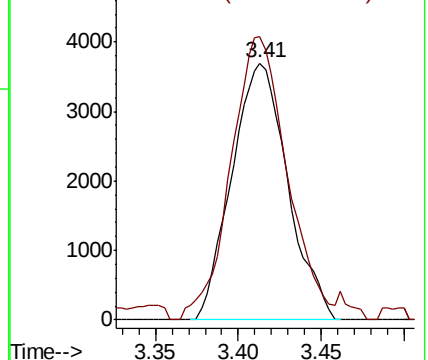
74 100

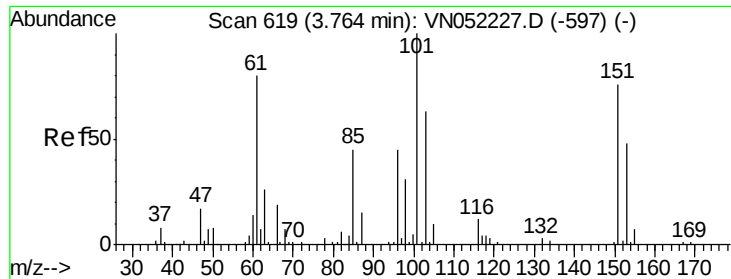
45 111.1 55.5 166.7



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.160 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

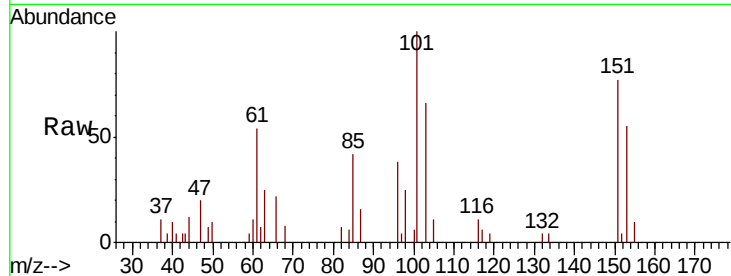
Tgt Ion:101 Resp: 14939

Ion Ratio Lower Upper

101 100

85 24.1 36.2 54.4#

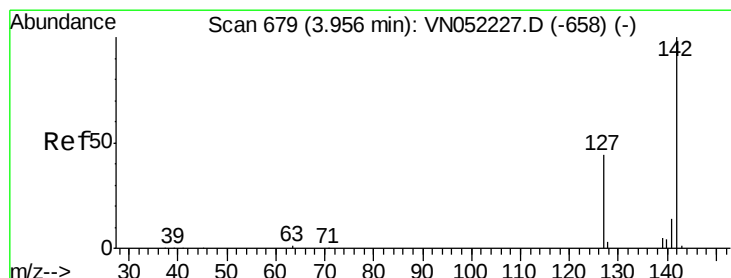
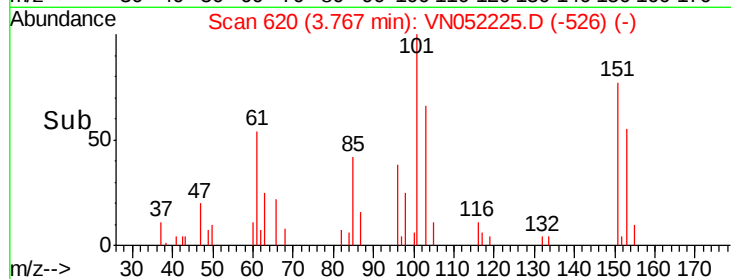
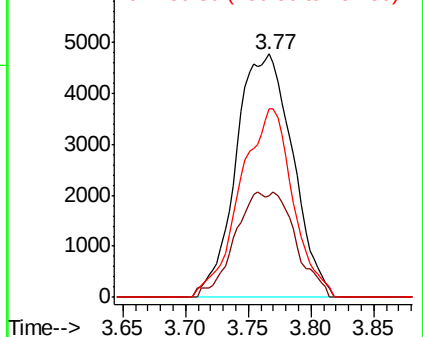
151 72.2 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.478 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

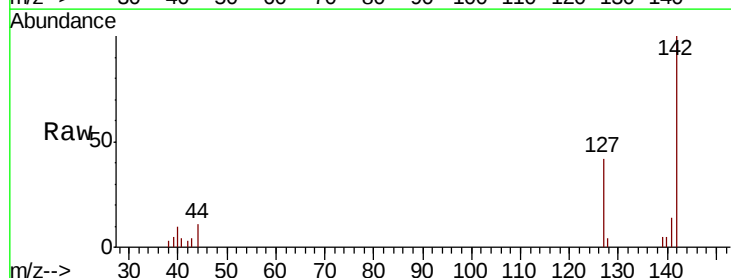
Tgt Ion:142 Resp: 16757

Ion Ratio Lower Upper

142 100

127 43.1 35.3 52.9

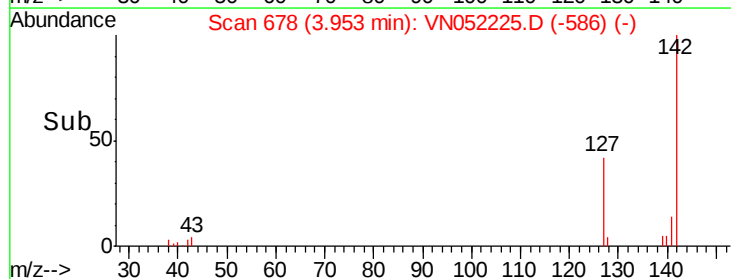
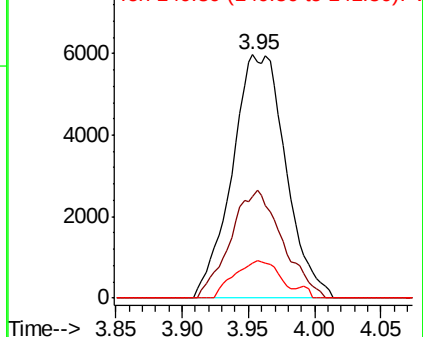
141 13.0 11.8 17.6

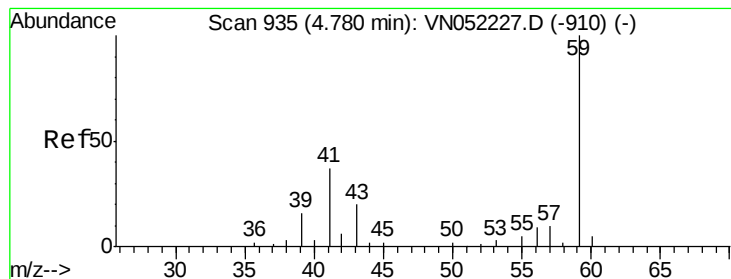


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



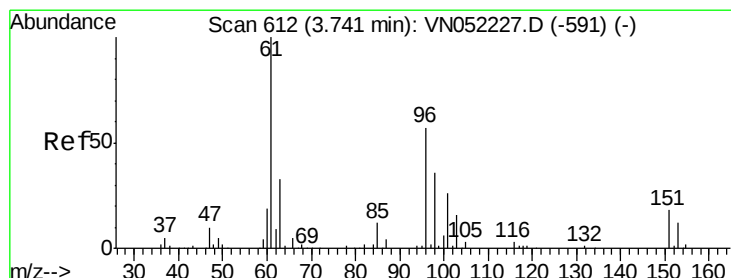
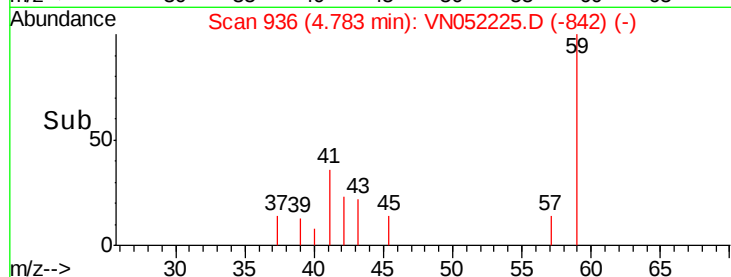
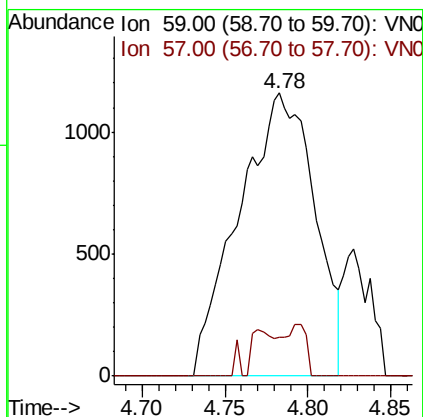
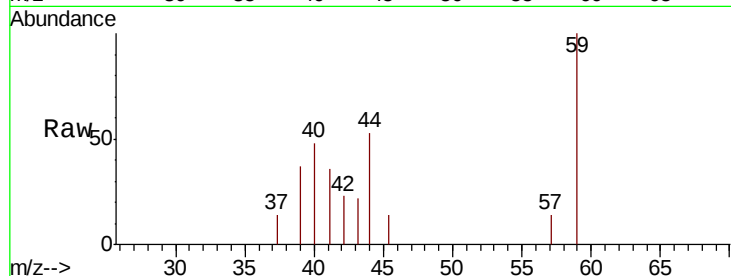


#11

Tert butyl alcohol
 Concen: 21.191 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

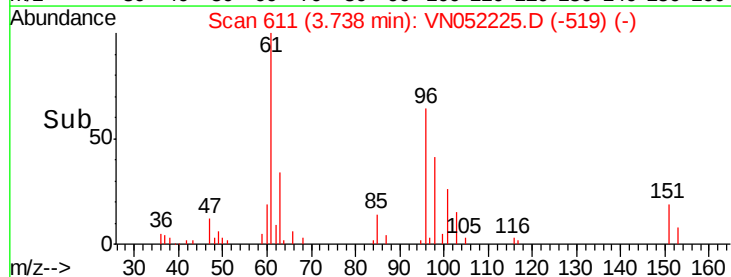
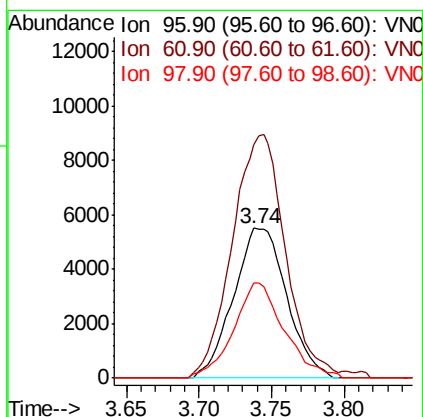
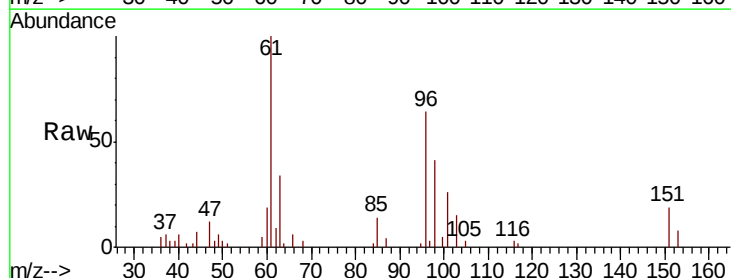
Tgt Ion: 59 Resp: 3696
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

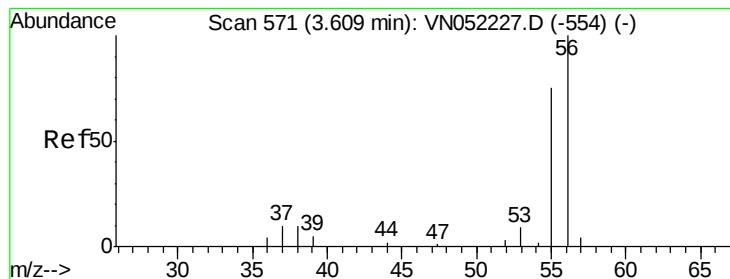


#12

1,1-Dichloroethene
 Concen: 5.267 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Tgt Ion: 96 Resp: 14062
 Ion Ratio Lower Upper
 96 100
 61 155.3 141.1 211.7
 98 63.0 50.3 75.5





#13

Acrolein

Concen: 17.564 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

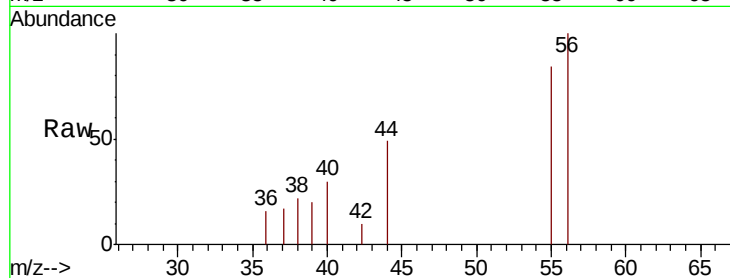
VSTDIC005

Tgt Ion: 56 Resp: 4236

Ion Ratio Lower Upper

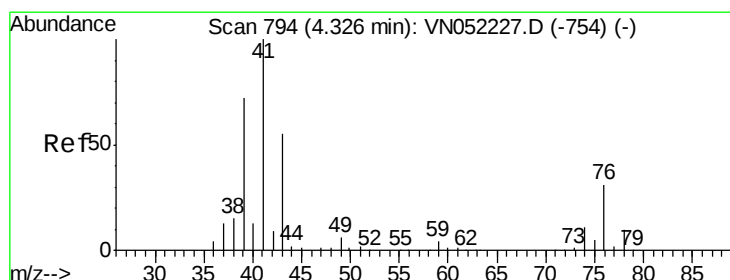
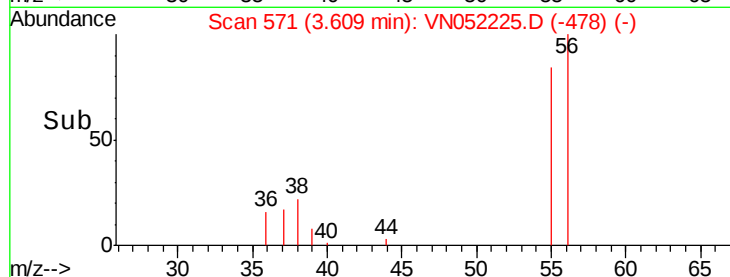
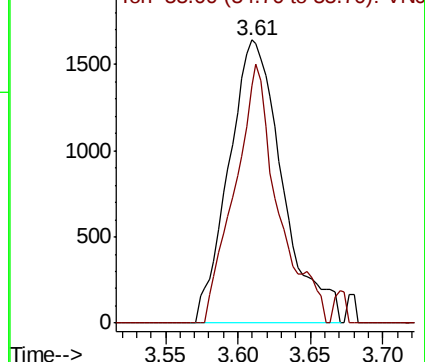
56 100

55 73.4 59.9 89.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 4.921 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

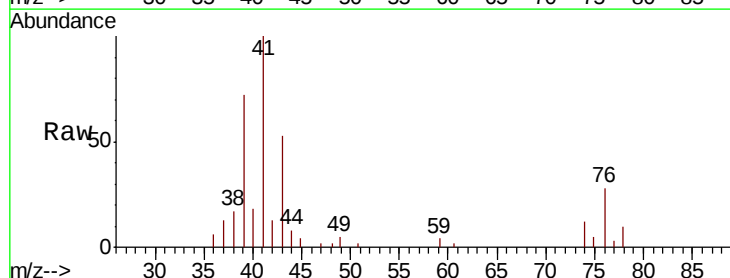
Tgt Ion: 41 Resp: 27503

Ion Ratio Lower Upper

41 100

39 68.5 55.1 82.7

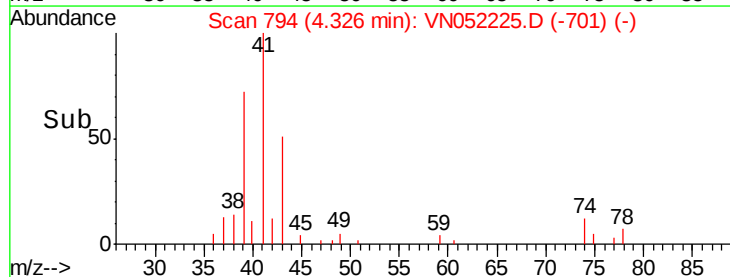
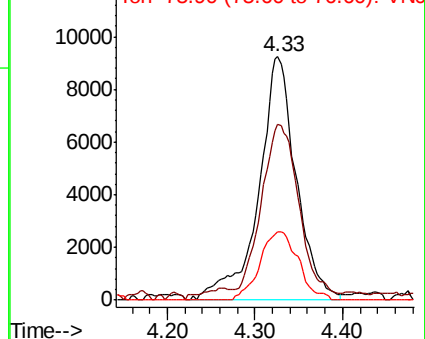
76 28.8 23.6 35.4

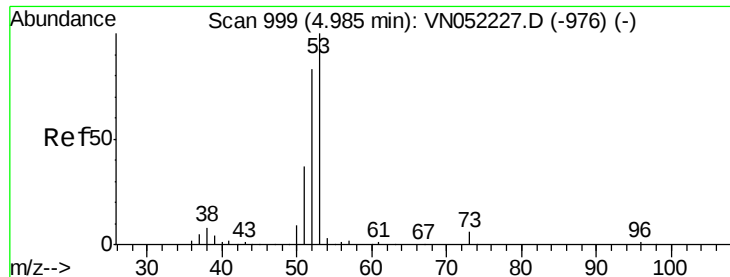


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 24.462 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

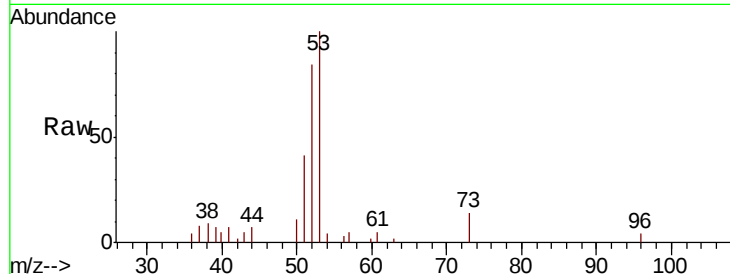
Tgt Ion: 53 Resp: 26915

Ion Ratio Lower Upper

53 100

52 87.2 66.7 100.1

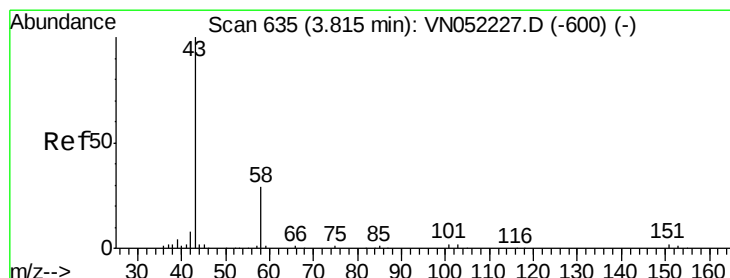
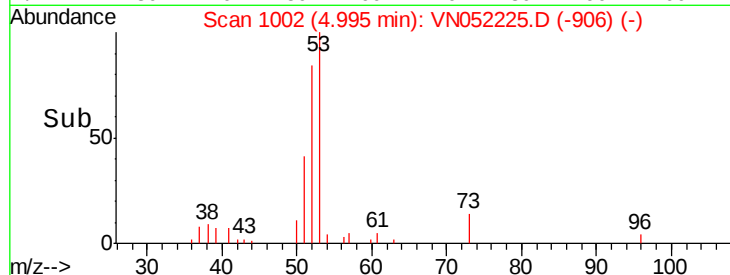
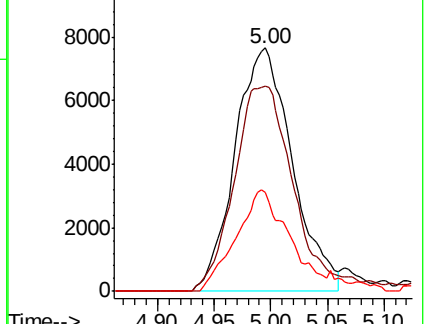
51 38.5 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN052227.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN052227.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN052227.D (-976) (-)



#16

Acetone

Concen: 27.196 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052225.D

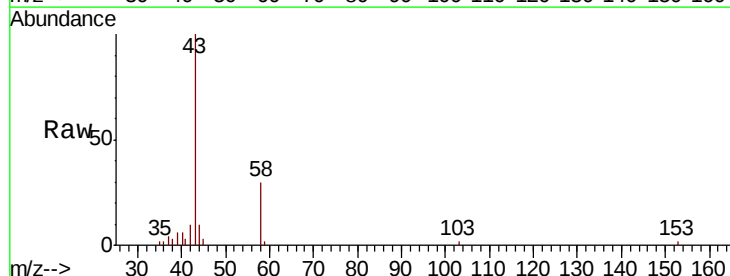
Acq: 9 Nov 2018 14:06

Tgt Ion: 43 Resp: 29138

Ion Ratio Lower Upper

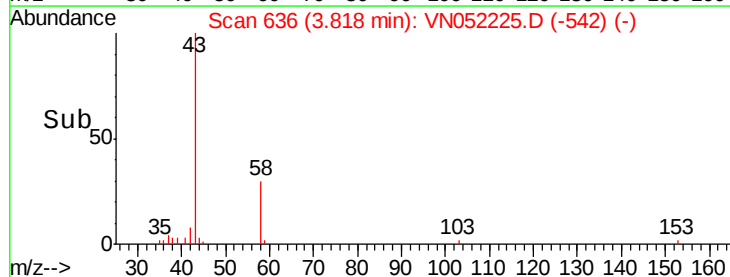
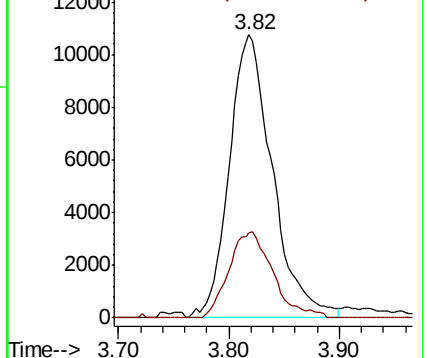
43 100

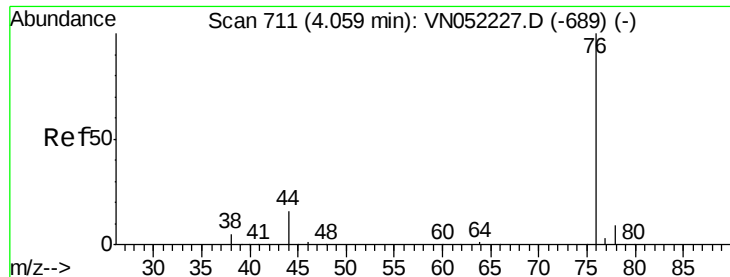
58 29.9 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN052227.D (-600) (-)

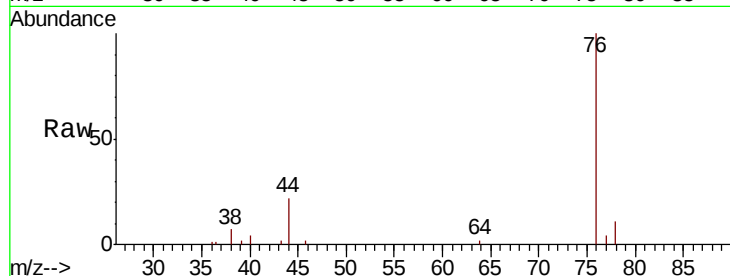




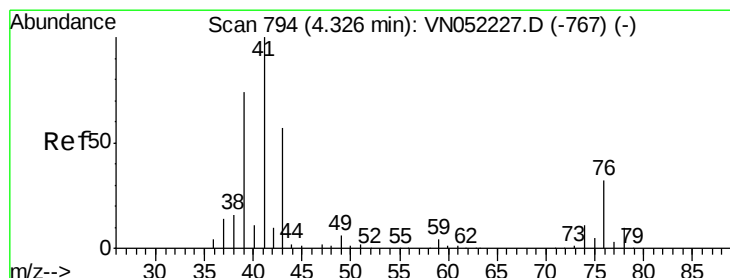
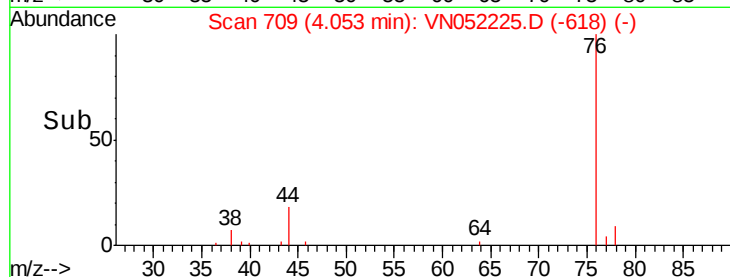
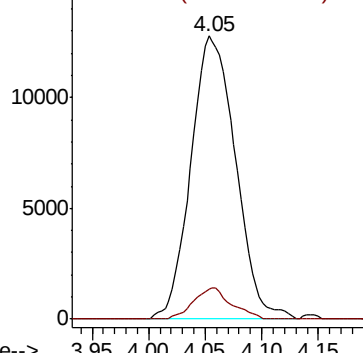
#17
Carbon Disulfide
Concen: 4.536 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.01 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 35127
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9

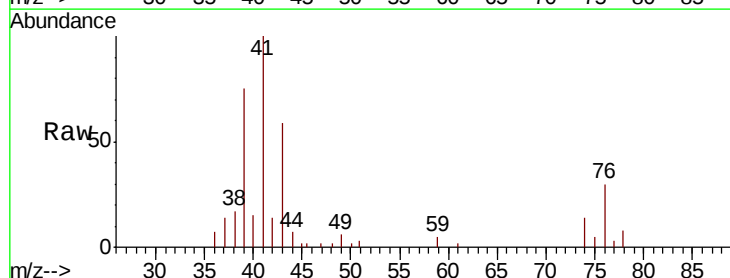


Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

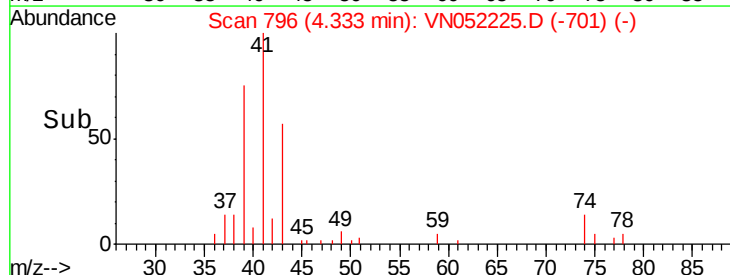
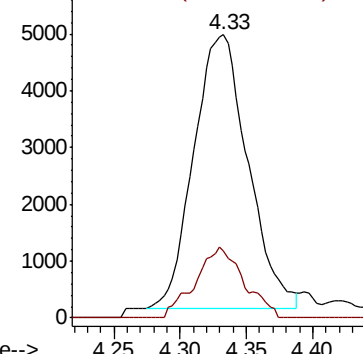


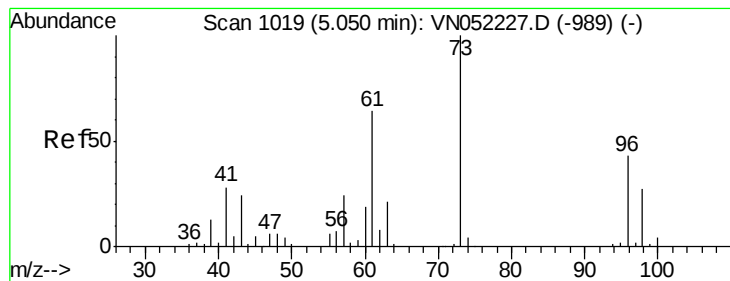
#18
Methyl Acetate
Concen: 4.972 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Tgt Ion: 43 Resp: 13689
Ion Ratio Lower Upper
43 100
74 23.2 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO





#19

Methyl tert-butyl Ether

Concen: 5.039 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

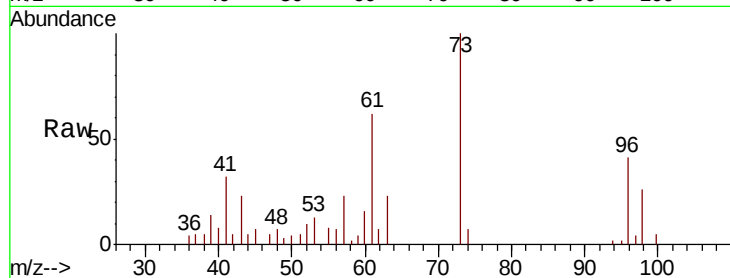
VSTDIC005

Tgt Ion: 73 Resp: 38437

Ion Ratio Lower Upper

73 100

57 23.0 19.1 28.7

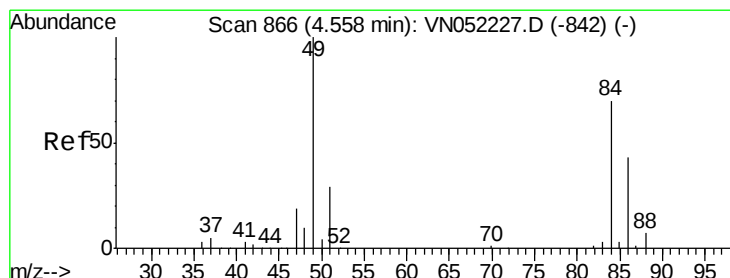
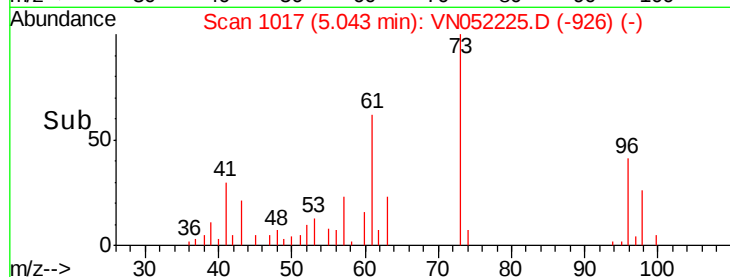


Abundance Ion 73.00 (72.70 to 73.70): VN052227.D (-989) (-)

Ion 57.00 (56.70 to 57.70): VN052227.D (-989) (-)

Time-->

5.04



#20

Methylene Chloride

Concen: 5.434 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Tgt Ion: 84 Resp: 16071

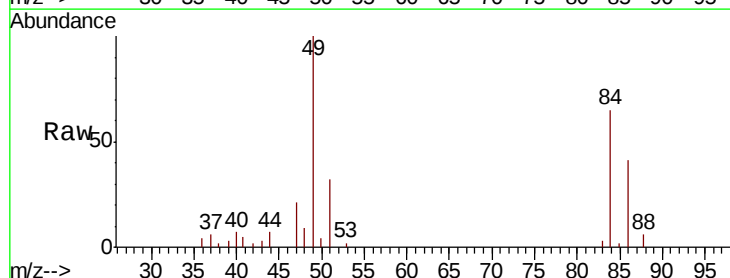
Ion Ratio Lower Upper

84 100

49 154.9 114.8 172.2

51 50.1 33.1 49.7#

86 64.1 49.7 74.5



Abundance Ion 83.90 (83.60 to 84.60): VN052227.D (-842) (-)

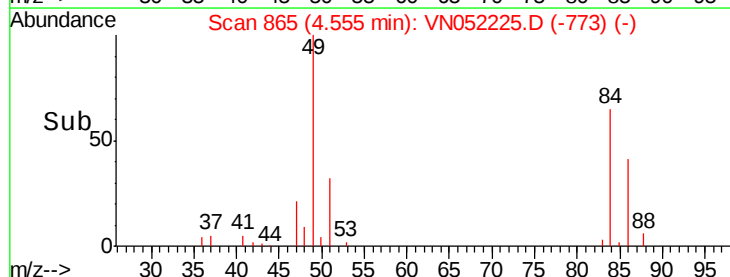
Ion 48.90 (48.60 to 49.60): VN052227.D (-842) (-)

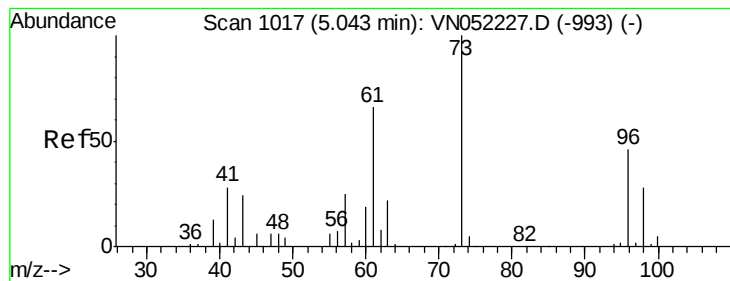
Ion 50.90 (50.60 to 51.60): VN052227.D (-842) (-)

Ion 85.90 (85.60 to 86.60): VN052227.D (-842) (-)

Time-->

4.55





#21

trans-1,2-Dichloroethene

Concen: 5.260 ug/l

RT: 5.05 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

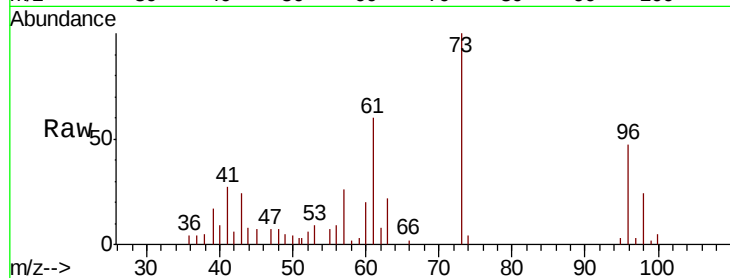
Tgt Ion: 96 Resp: 15263

Ion Ratio Lower Upper

96 100

61 129.2 115.3 172.9

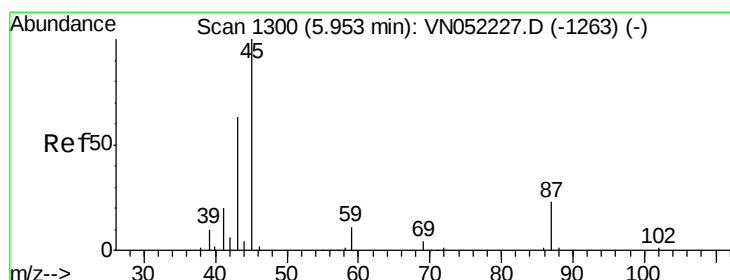
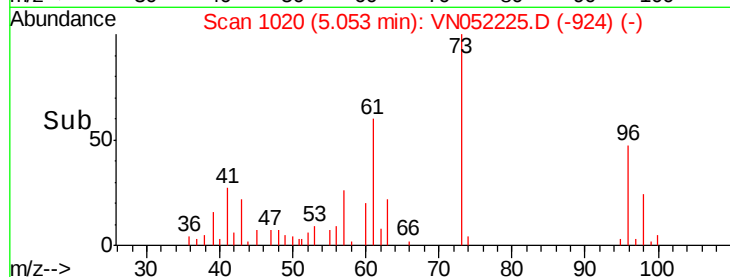
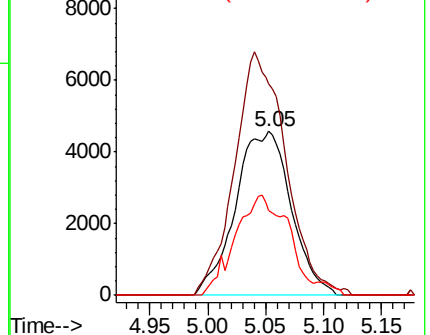
98 52.0 49.5 74.3



Abundance Ion 95.90 (95.60 to 96.60): VN052225.D (-924) (-)

Ion 60.90 (60.60 to 61.60): VN052225.D (-924) (-)

Ion 97.90 (97.60 to 98.60): VN052225.D (-924) (-)



#22

Diisopropyl ether

Concen: 4.894 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Tgt Ion: 45 Resp: 55103

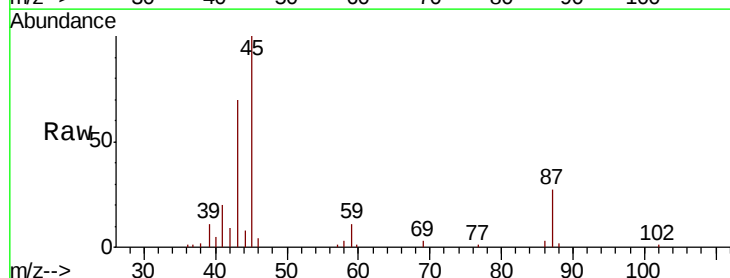
Ion Ratio Lower Upper

45 100

43 66.9 50.6 76.0

87 26.6 19.0 28.4

59 11.5 8.6 13.0

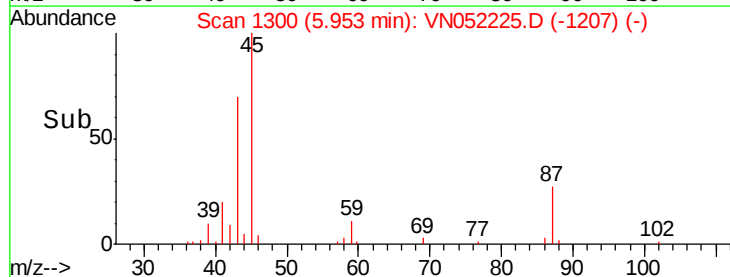
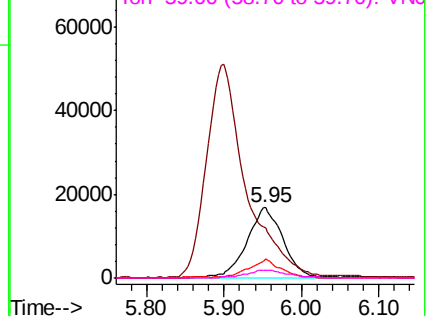


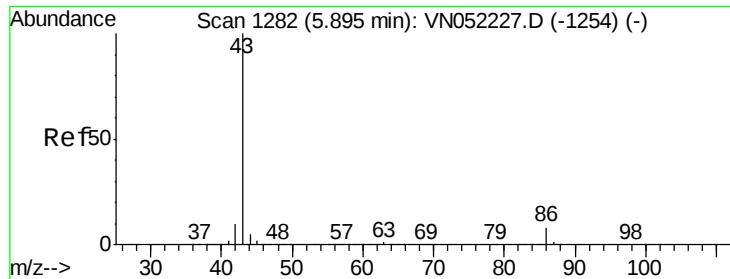
Abundance Ion 45.00 (44.70 to 45.70): VN052225.D (-1207) (-)

Ion 43.00 (42.70 to 43.70): VN052225.D (-1207) (-)

Ion 87.00 (86.70 to 87.70): VN052225.D (-1207) (-)

Ion 59.00 (58.70 to 59.70): VN052225.D (-1207) (-)





#23

Vinyl Acetate

Concen: 23.841 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

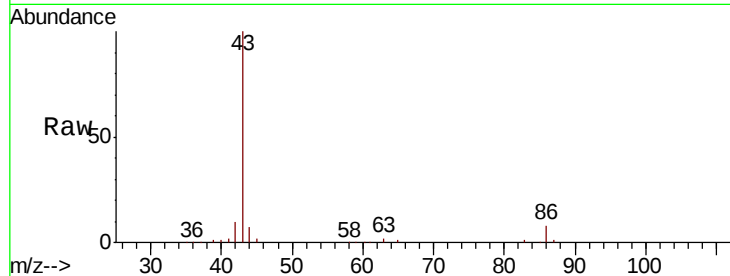
VSTDIC005

Tgt Ion: 43 Resp: 183298

Ion Ratio Lower Upper

43 100

86 8.2 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN052227.D (-1254) (-)

5.90

60000

50000

40000

30000

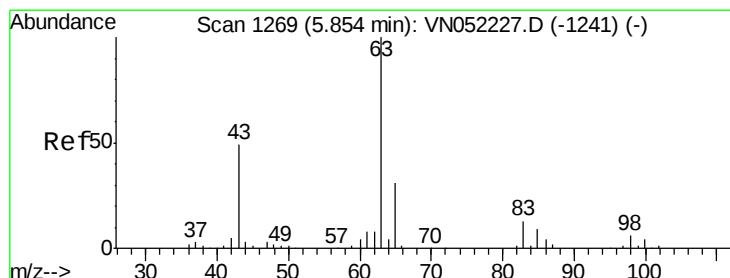
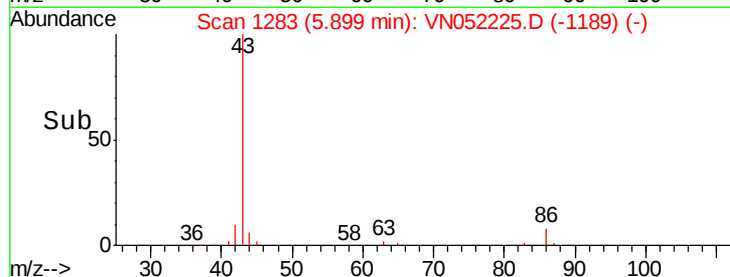
20000

10000

0

Time-->

5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 5.128 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

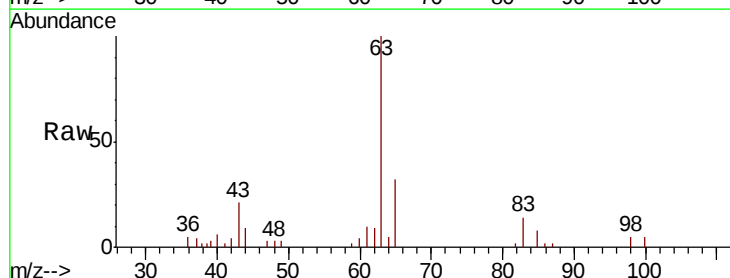
Tgt Ion: 63 Resp: 30345

Ion Ratio Lower Upper

63 100

98 5.2 2.9 8.6

100 5.0 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VN052227.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN052227.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN052227.D (-1241) (-)

5.85

12000

10000

8000

6000

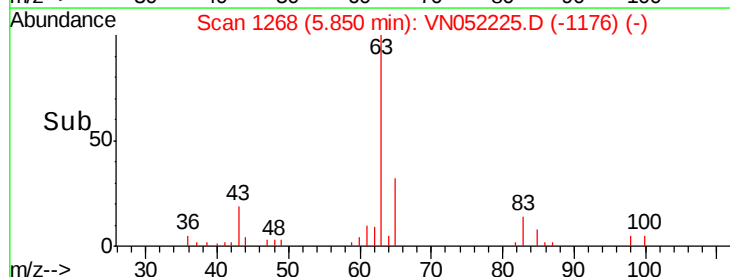
4000

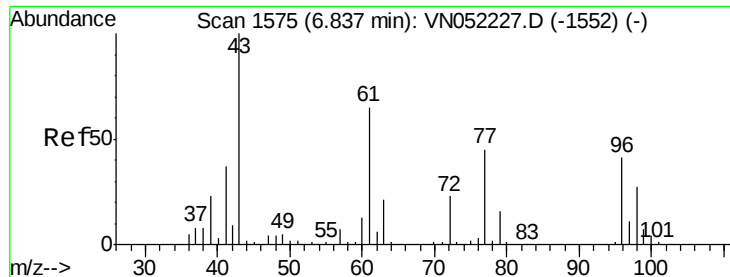
2000

0

Time-->

5.80 5.90





#25

2-Butanone

Concen: 26.548 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

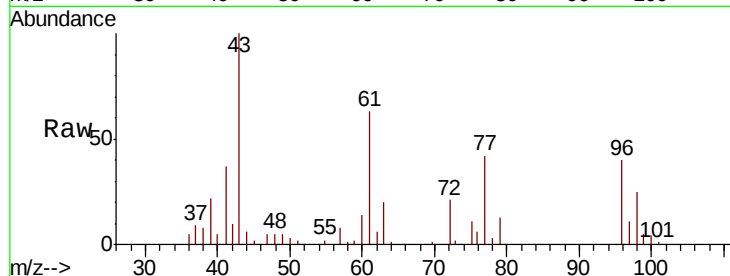
VSTDIC005

Tgt Ion: 43 Resp: 39552

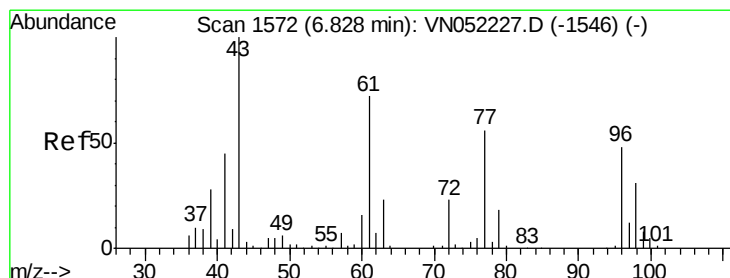
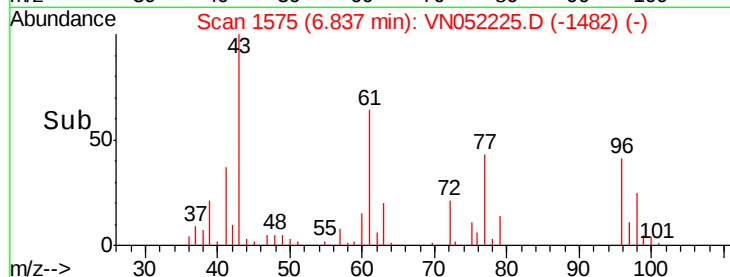
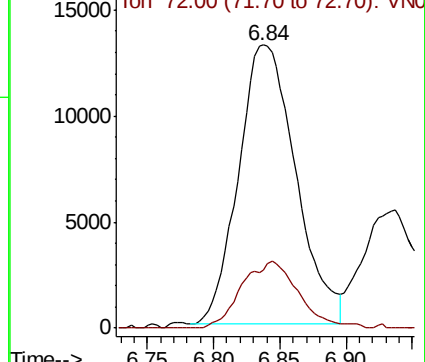
Ion Ratio Lower Upper

43 100

72 21.0 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-1552) (-)



#26

2,2-Dichloropropane

Concen: 4.704 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN052225.D

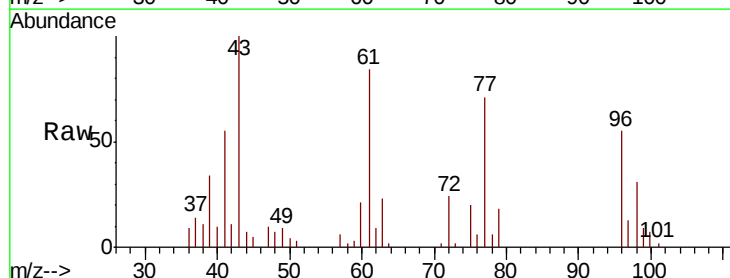
Acq: 9 Nov 2018 14:06

Tgt Ion: 77 Resp: 20333

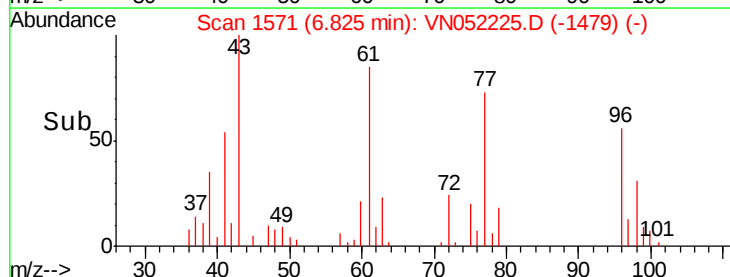
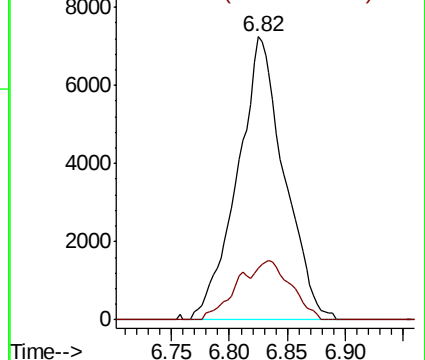
Ion Ratio Lower Upper

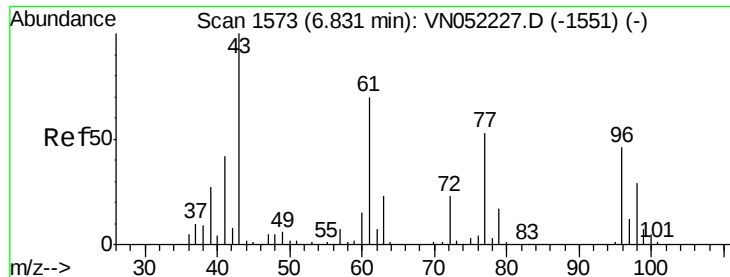
77 100

97 14.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VN052227.D (-1546) (-)





#27

cis-1,2-Dichloroethene

Concen: 5.143 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

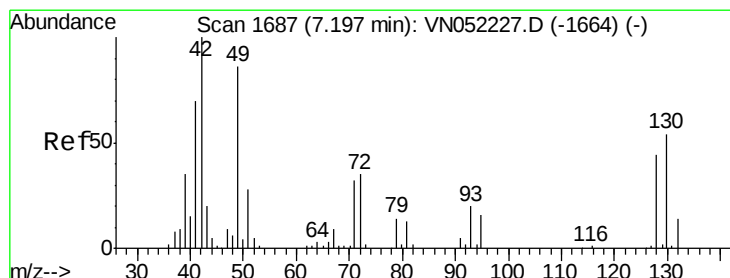
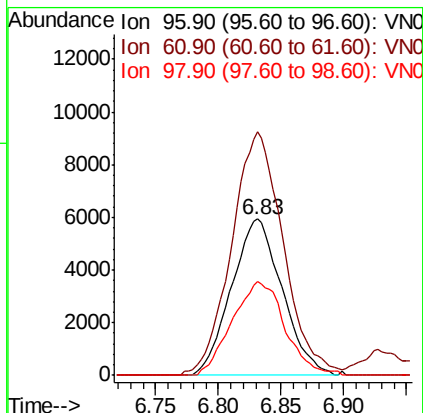
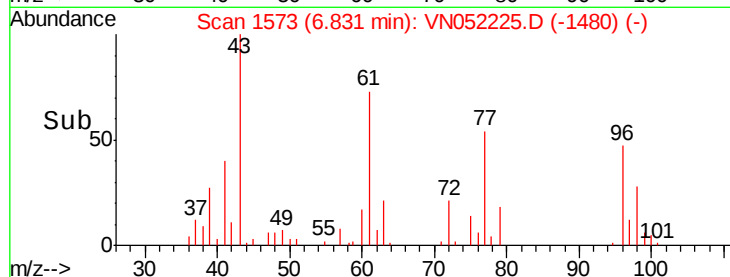
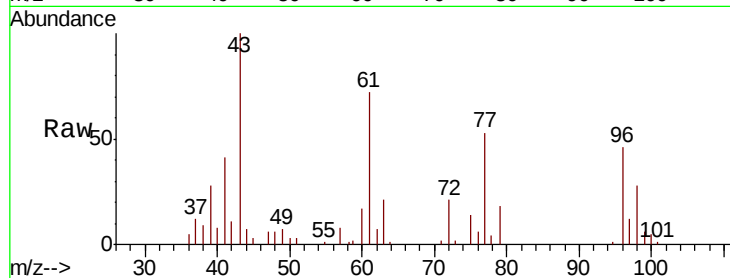
Tgt Ion: 96 Resp: 16705

Ion Ratio Lower Upper

96 100

61 158.8 0.0 313.4

98 62.4 0.0 129.8



#28

Bromochloromethane

Concen: 5.257 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

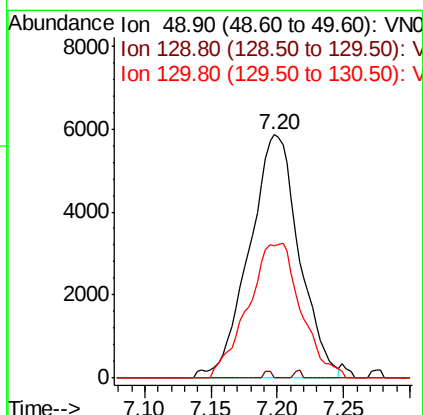
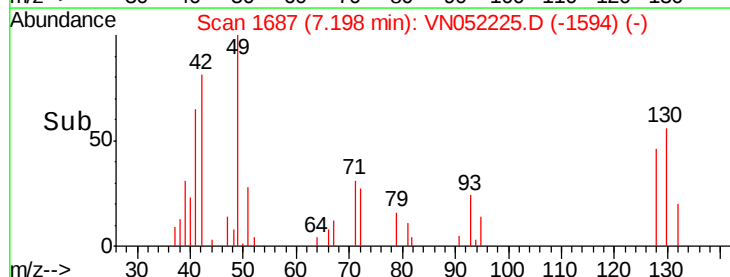
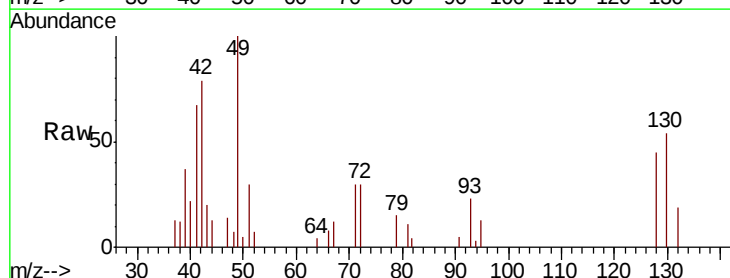
Tgt Ion: 49 Resp: 15373

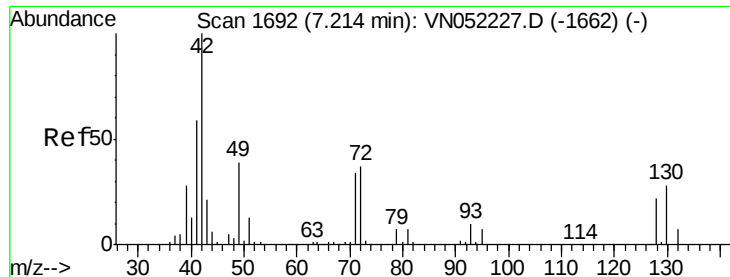
Ion Ratio Lower Upper

49 100

129 0.4 0.0 3.8

130 58.6 51.4 77.2

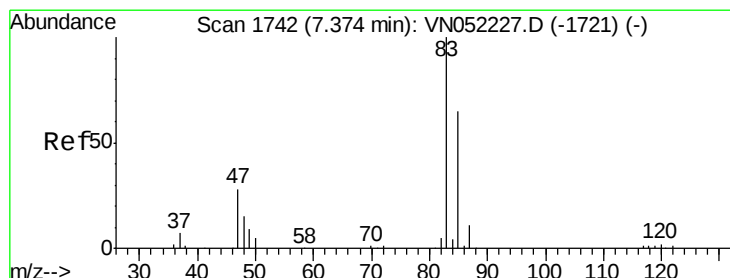
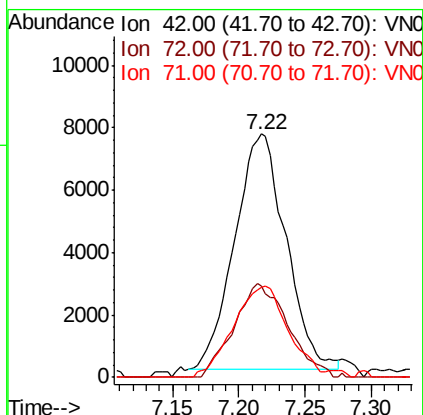
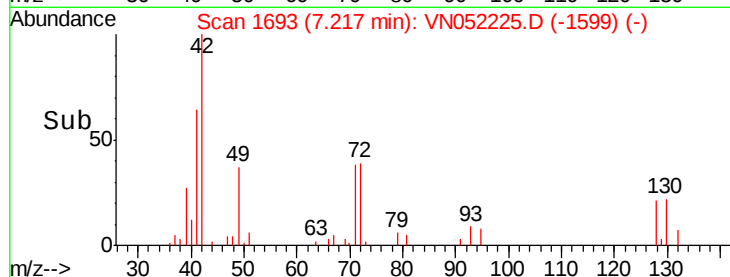
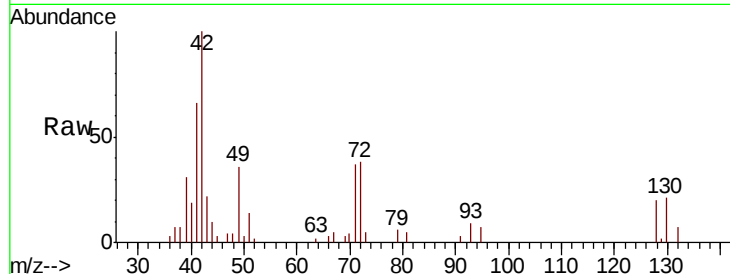




#29
Tetrahydrofuran
Concen: 21.299 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

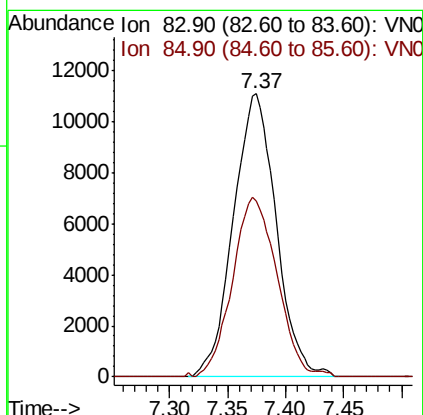
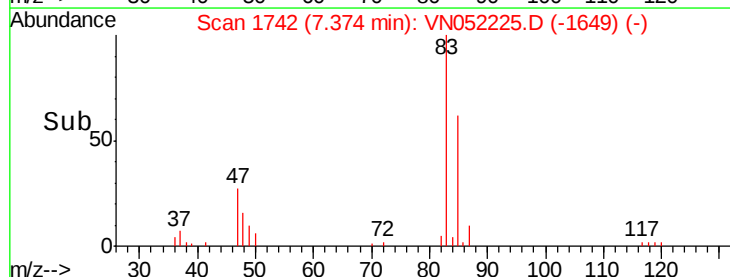
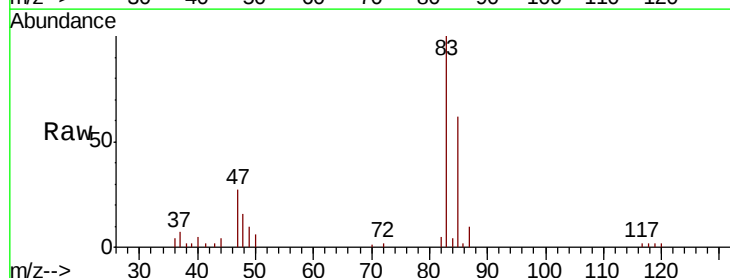
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

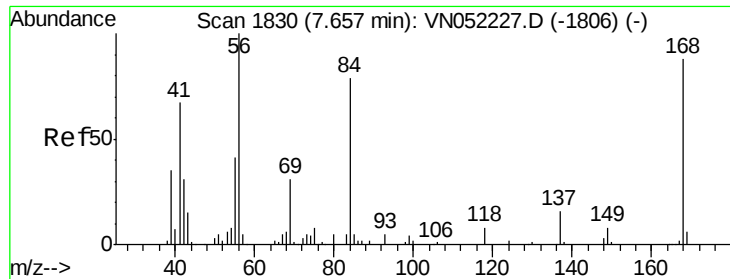
Tgt Ion: 42 Resp: 20395
Ion Ratio Lower Upper
42 100
72 41.9 28.6 43.0
71 41.1 27.1 40.7#



#30
Chloroform
Concen: 5.078 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Tgt Ion: 83 Resp: 28440
Ion Ratio Lower Upper
83 100
85 61.9 51.8 77.6

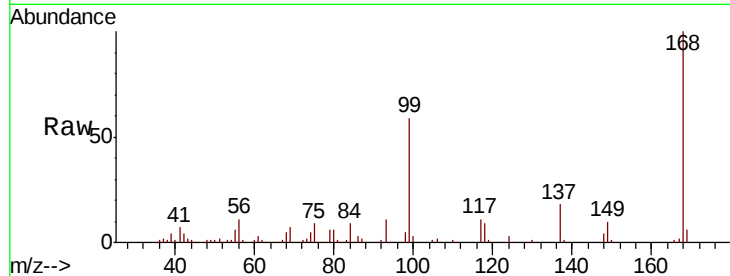




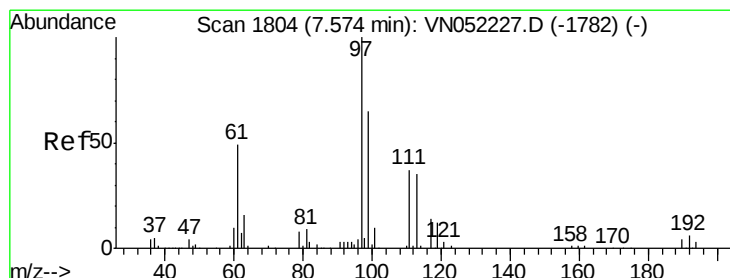
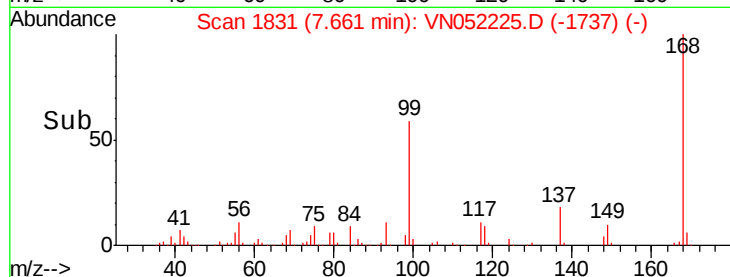
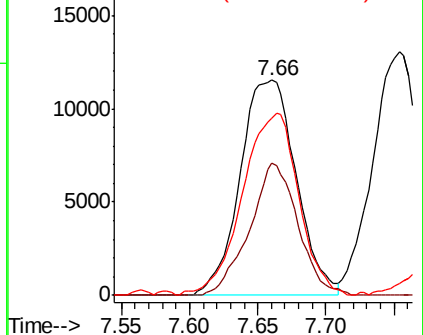
#31
Cyclohexane
Concen: 4.795 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 32940
Ion Ratio Lower Upper
56 100
69 61.8 24.8 37.2#
84 80.5 63.1 94.7

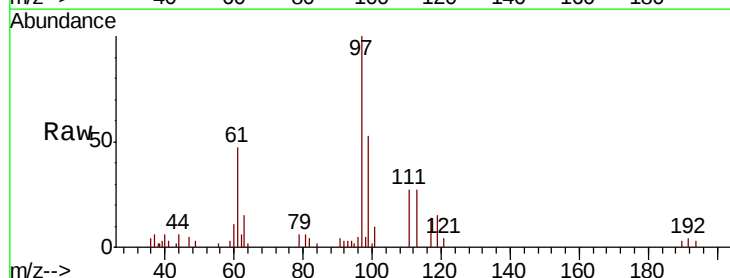


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

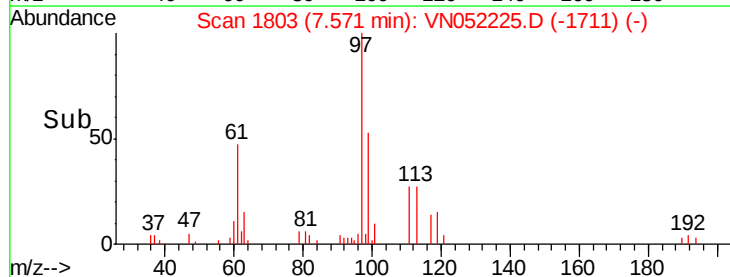
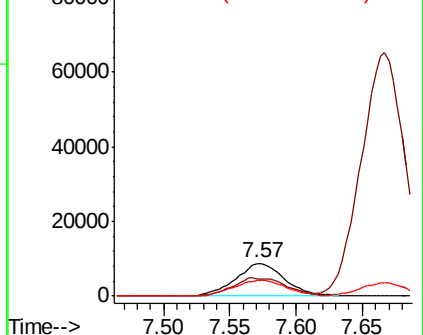


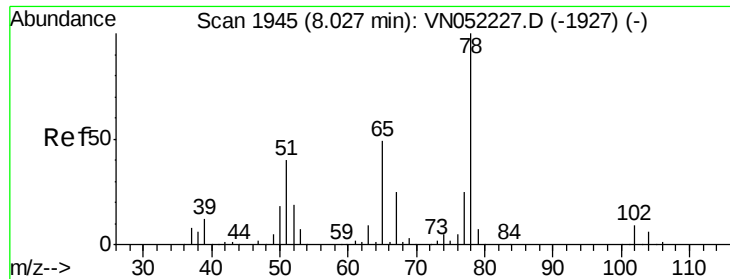
#32
1,1,1-Trichloroethane
Concen: 4.900 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Tgt Ion: 97 Resp: 22368
Ion Ratio Lower Upper
97 100
99 60.7 51.9 77.9
61 53.1 40.2 60.4



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

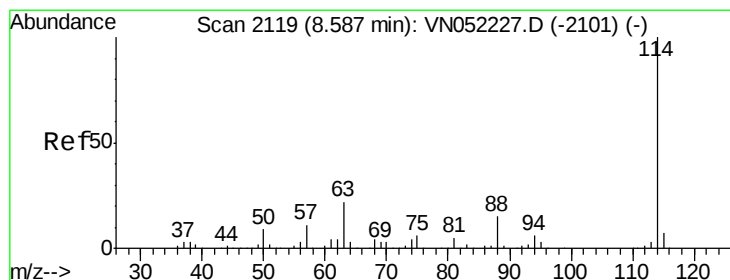
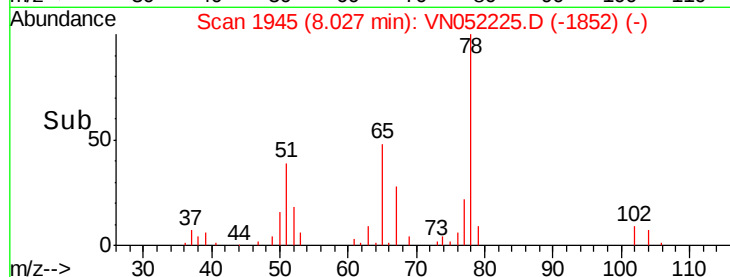
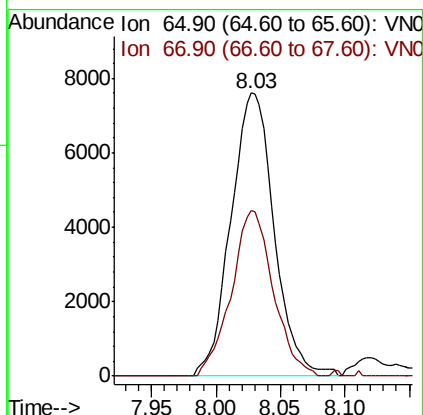
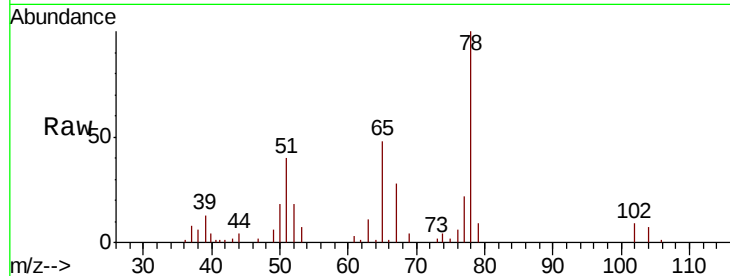




#33
 1,2-Dichloroethane-d4
 Concen: 4.900 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

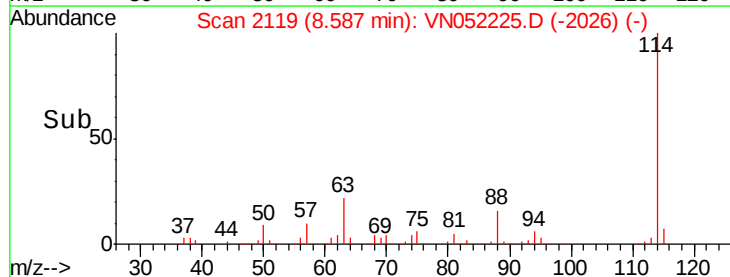
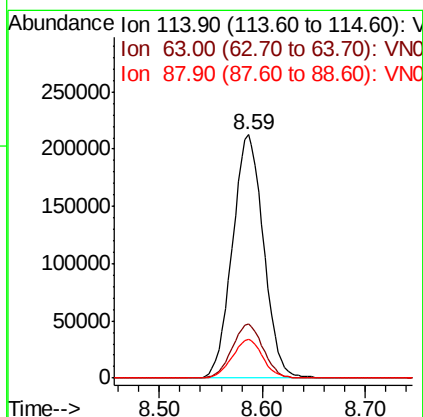
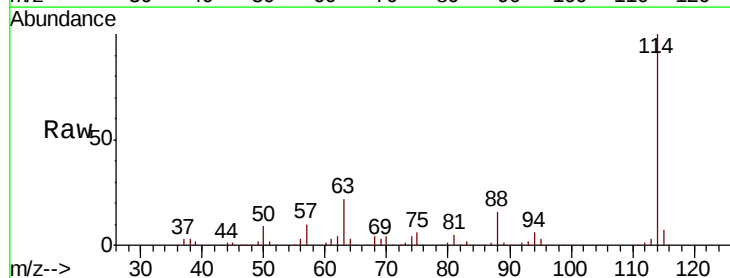
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

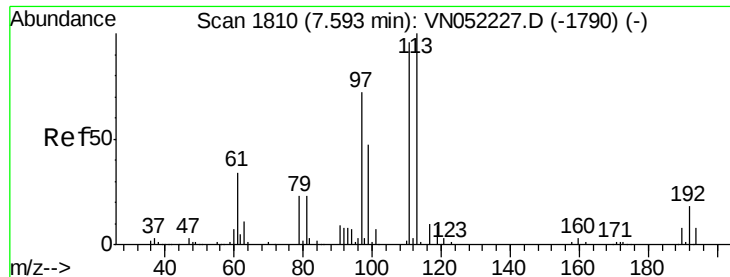
Tgt Ion: 65 Resp: 17718
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Tgt Ion: 114 Resp: 447843
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.4
 88 15.9 0.0 30.2

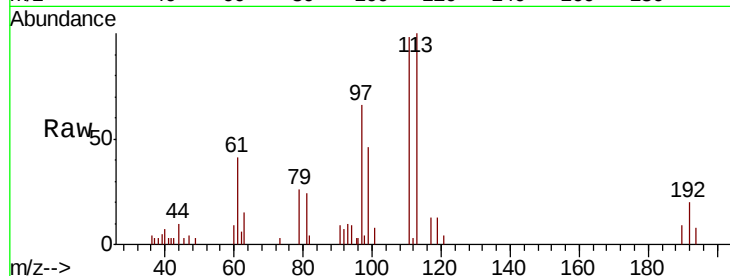




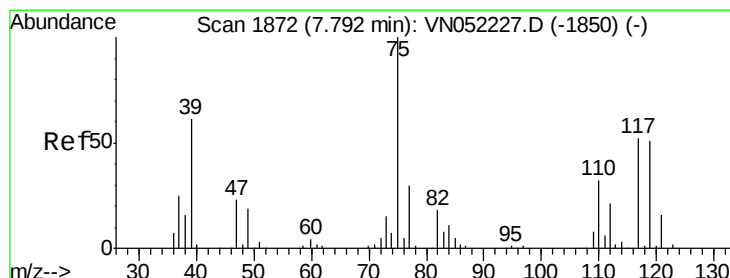
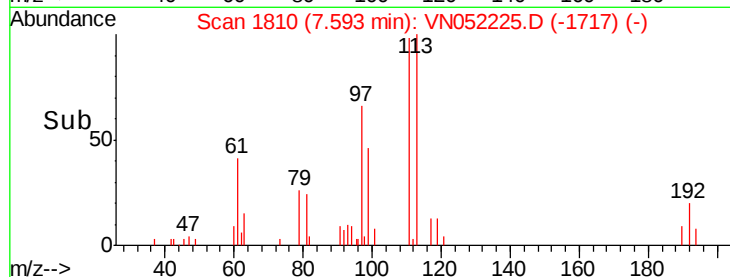
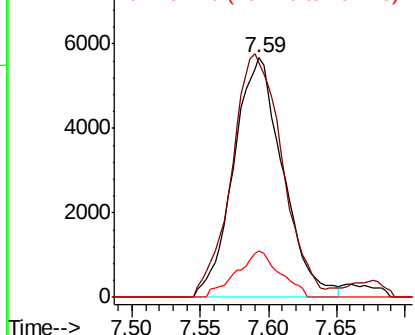
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 113 Resp: 14276
 Ion Ratio Lower Upper
 113 100
 111 103.8 80.2 120.4
 192 16.9 14.1 21.1

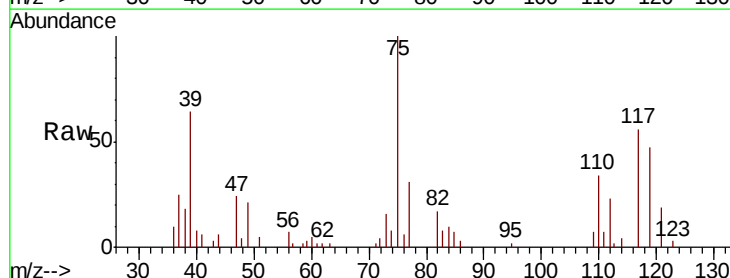


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

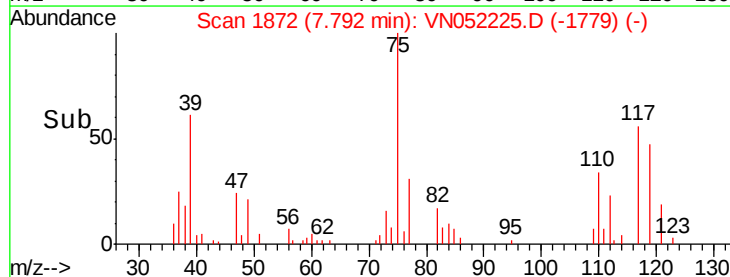
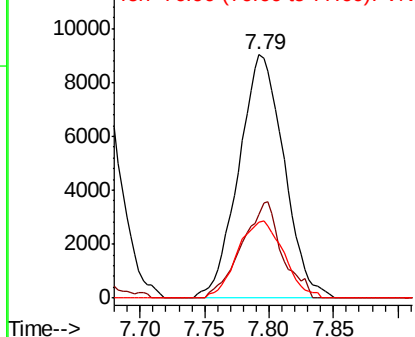


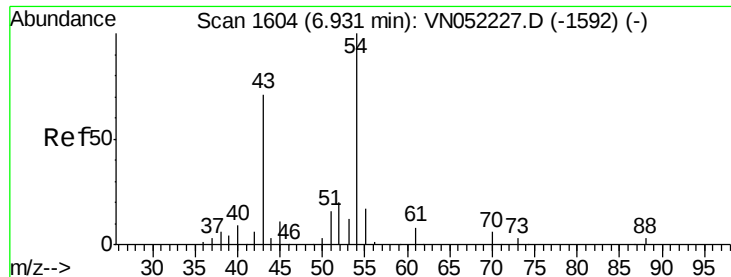
#36
 1,1-Dichloropropene
 Concen: 4.878 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Tgt Ion: 75 Resp: 22049
 Ion Ratio Lower Upper
 75 100
 110 35.2 16.4 49.4
 77 32.3 23.9 35.9



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

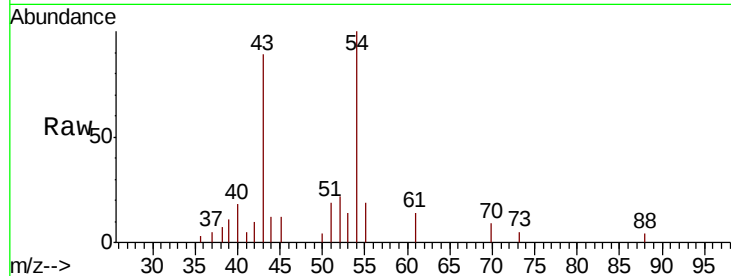




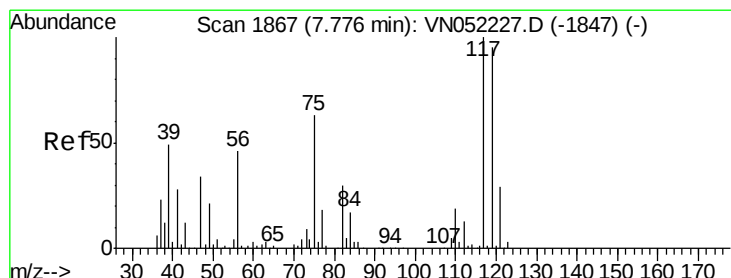
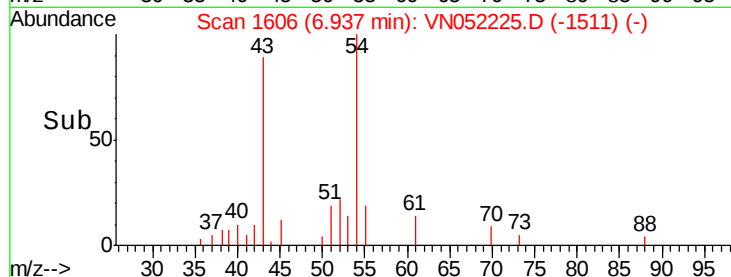
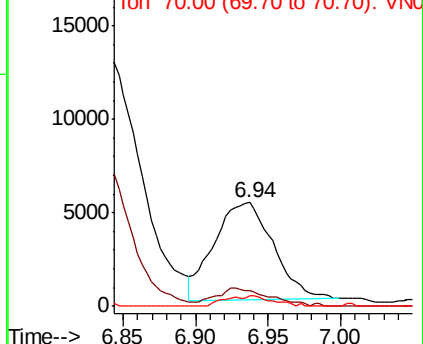
#37
 Ethyl Acetate
 Concen: 4.434 ug/l
 RT: 6.94 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 14787
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.0 15.0#
 70 4.6 6.9 10.3#

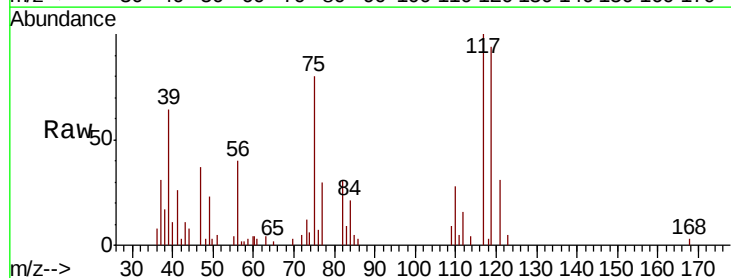


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

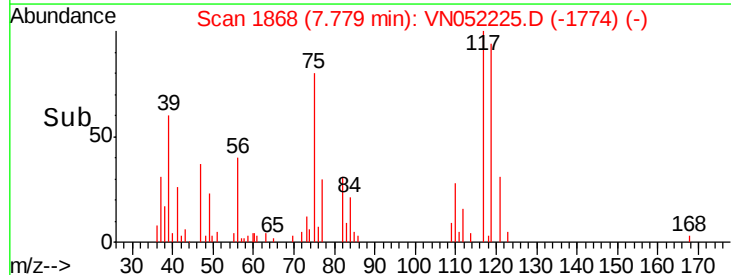
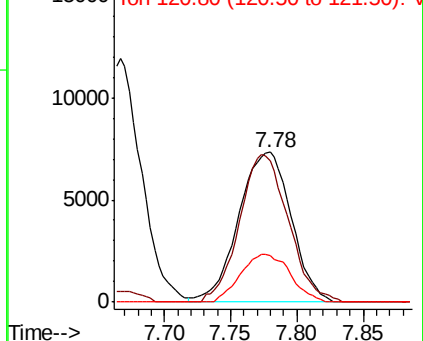


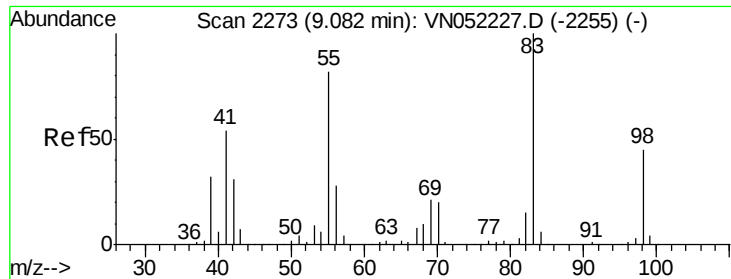
#38
 Carbon Tetrachloride
 Concen: 4.934 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Tgt Ion: 117 Resp: 20210
 Ion Ratio Lower Upper
 117 100
 119 93.9 75.8 113.8
 121 30.7 23.4 35.2



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

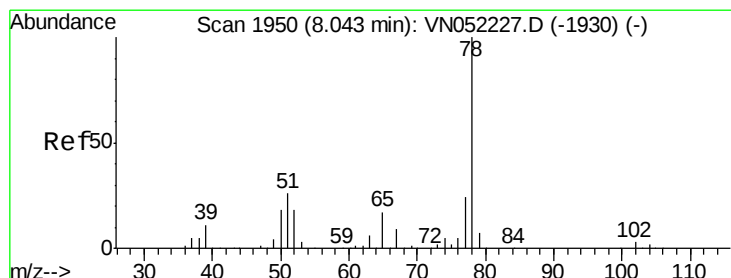
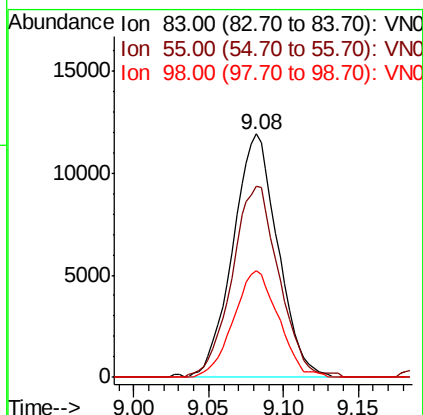
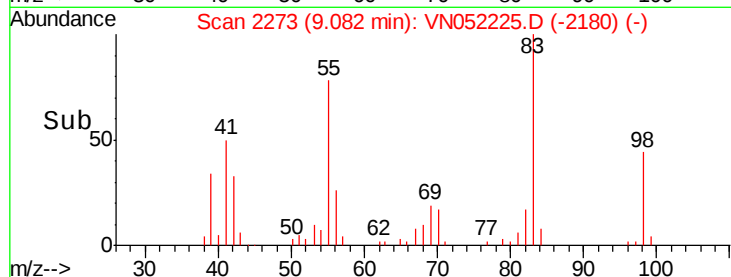
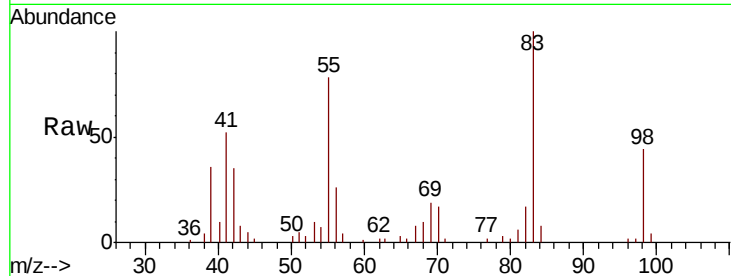




#39
Methylcyclohexane
Concen: 4.830 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

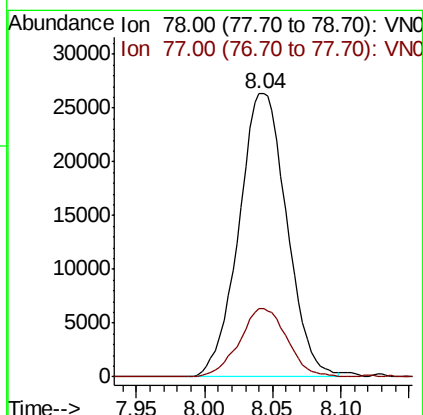
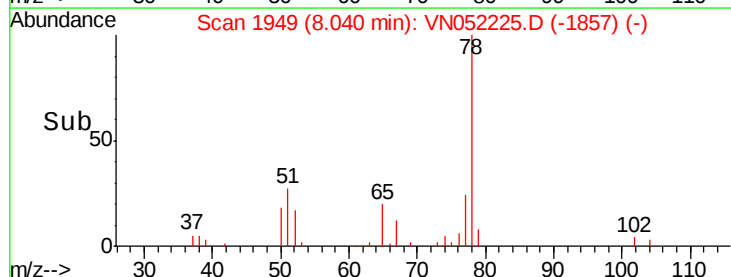
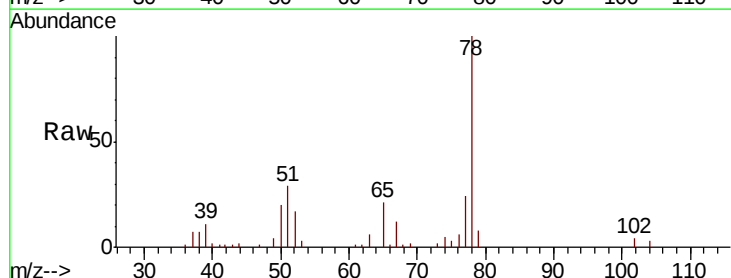
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

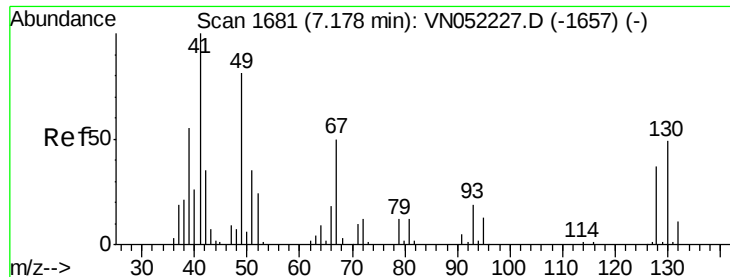
Tgt Ion: 83 Resp: 24905
Ion Ratio Lower Upper
83 100
55 77.0 65.2 97.8
98 43.6 36.3 54.5



#40
Benzene
Concen: 4.962 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Tgt Ion: 78 Resp: 64222
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8





#41

Methacrylonitrile

Concen: 5.103 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tgt Ion: 41 Resp: 8978

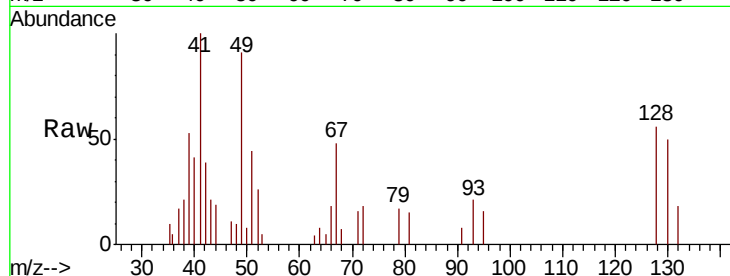
Ion Ratio Lower Upper

41 100

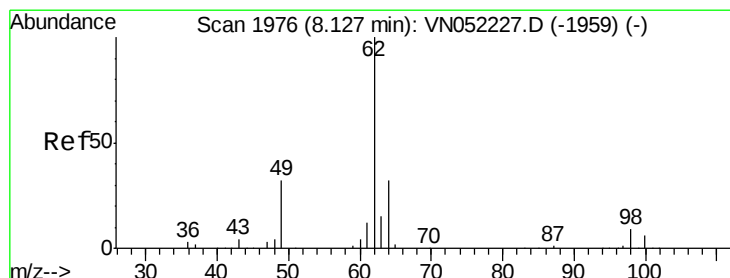
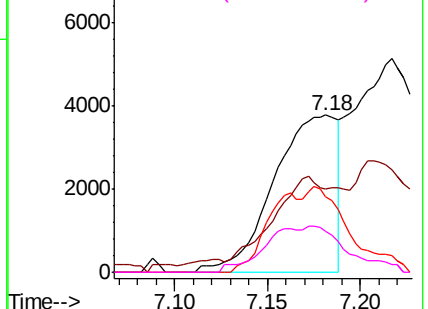
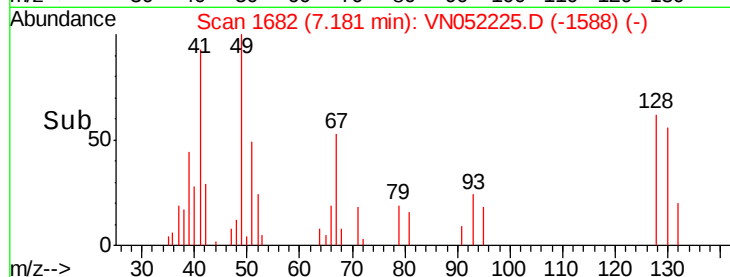
39 49.0 47.8 71.6

67 29.2 54.3 81.5#

52 16.2 26.2 39.4#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 5.035 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN052225.D

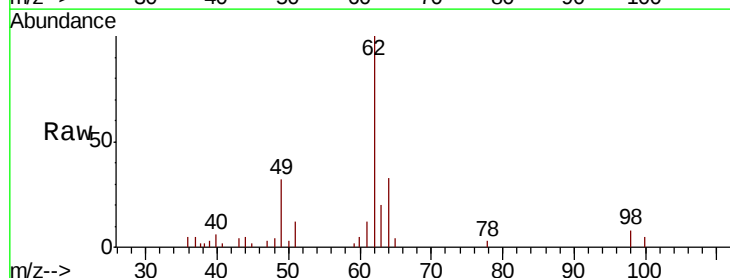
Acq: 9 Nov 2018 14:06

Tgt Ion: 62 Resp: 22864

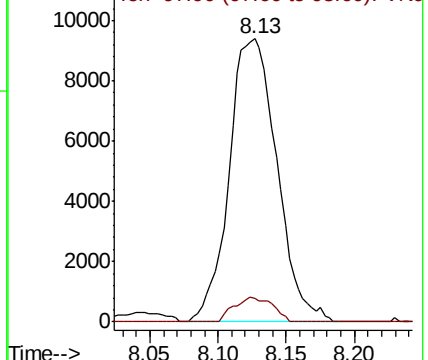
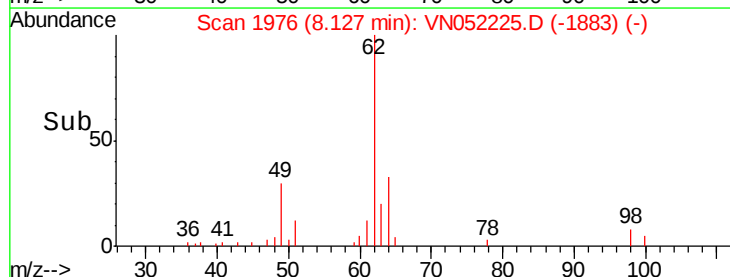
Ion Ratio Lower Upper

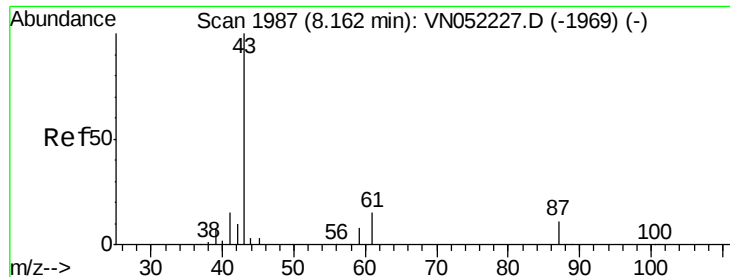
62 100

98 7.0 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 4.804 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

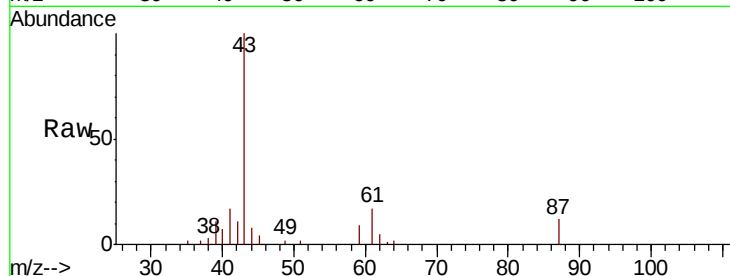
Tgt Ion: 43 Resp: 28468

Ion Ratio Lower Upper

43 100

61 26.1 14.2 21.4#

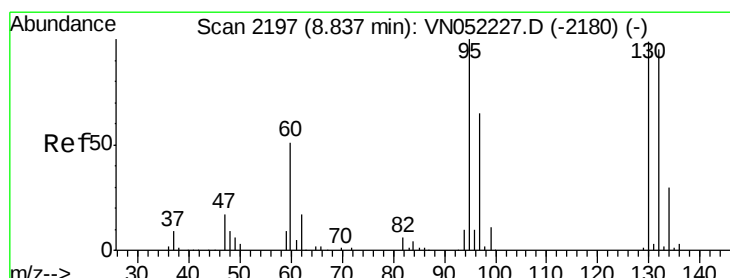
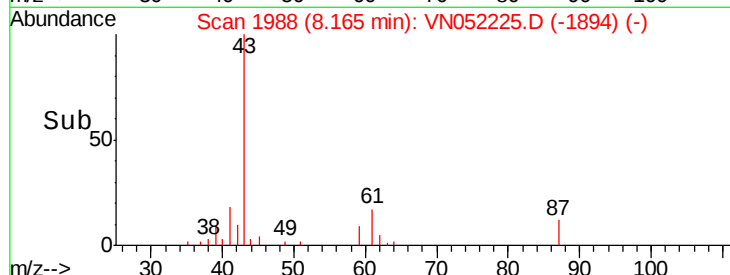
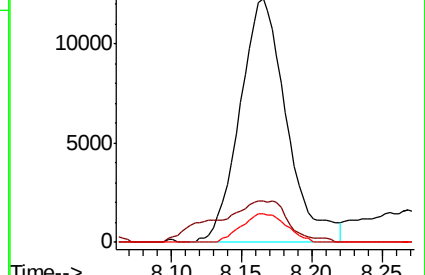
87 11.2 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN052227.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN052227.D (-1969) (-)



#44

Trichloroethene

Concen: 4.810 ug/l

RT: 8.84 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VN052225.D

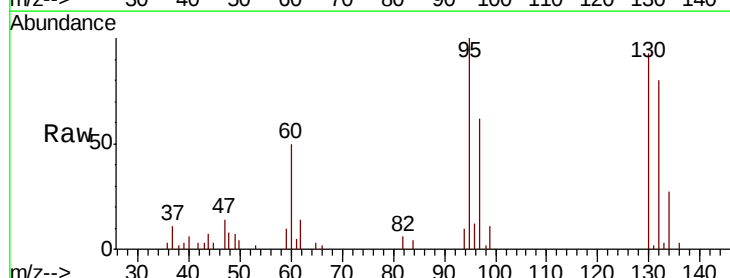
Acq: 9 Nov 2018 14:06

Tgt Ion: 130 Resp: 15600

Ion Ratio Lower Upper

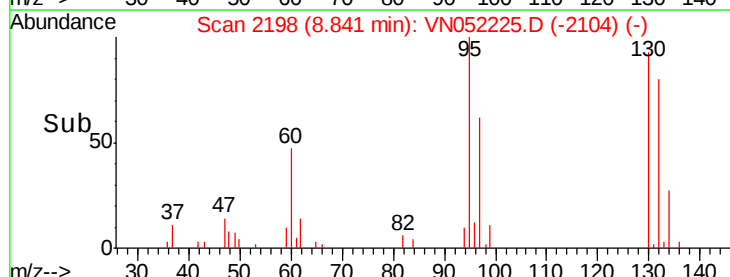
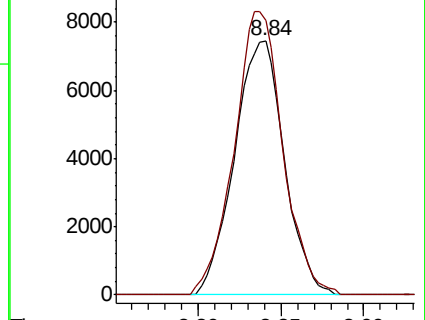
130 100

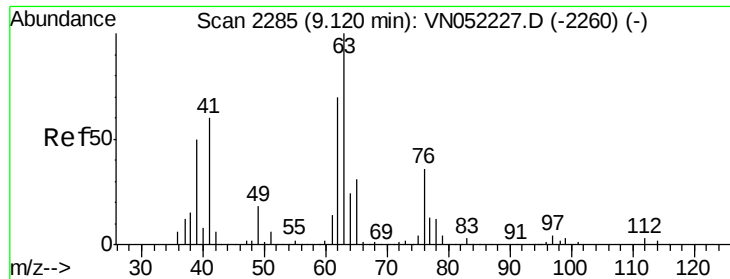
95 107.9 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VN052227.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN052227.D (-2180) (-)

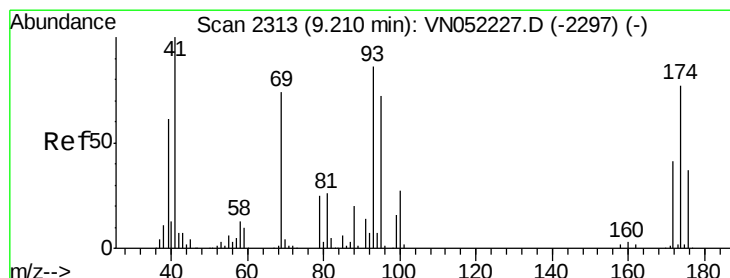
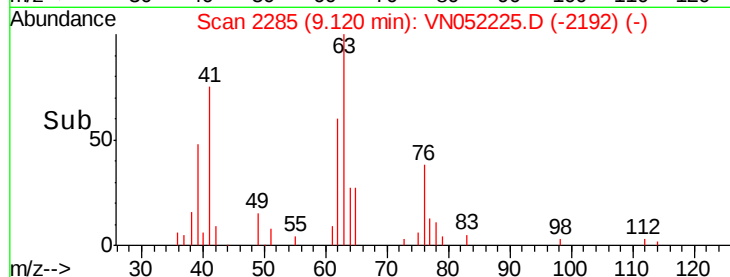
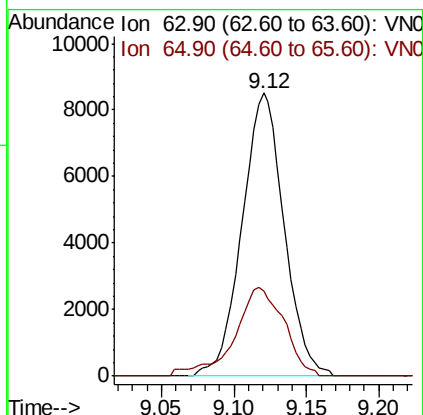
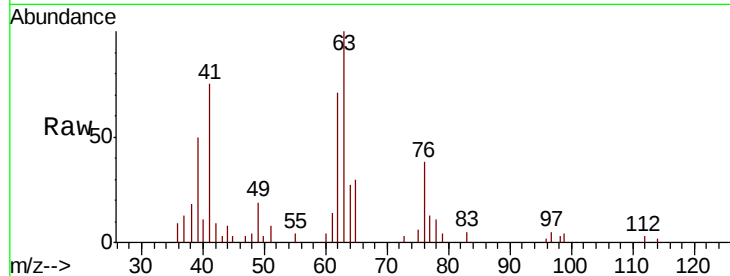




#45
 1,2-Dichloropropane
 Concen: 4.739 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

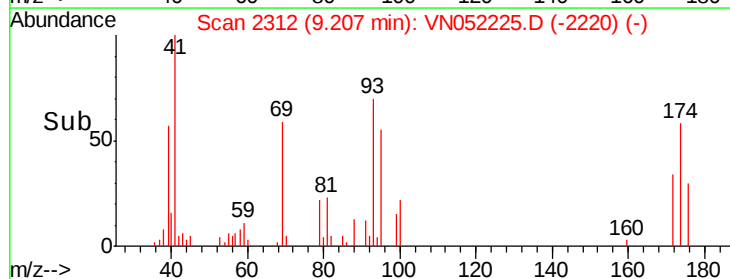
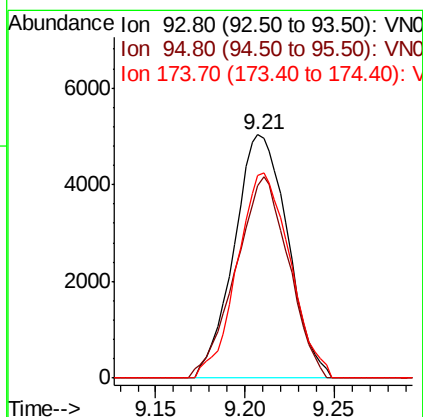
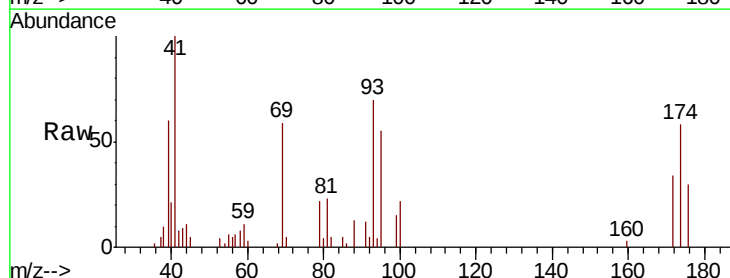
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

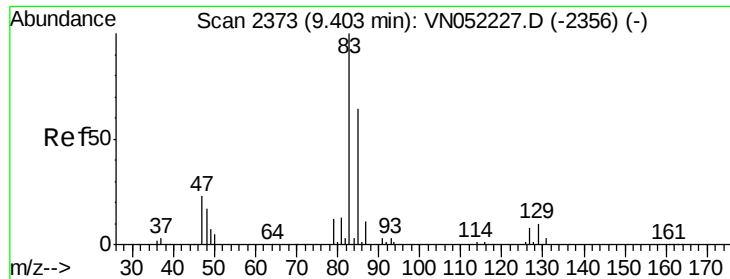
Tgt Ion: 63 Resp: 17135
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.8 37.2



#46
 Dibromomethane
 Concen: 5.077 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Tgt Ion: 93 Resp: 10544
 Ion Ratio Lower Upper
 93 100
 95 81.8 67.0 100.4
 174 83.1 72.1 108.1





#47

Bromodichloromethane

Concen: 4.620 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

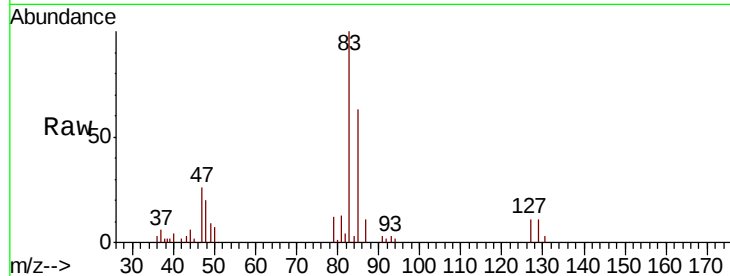
Tgt Ion: 83 Resp: 19878

Ion Ratio Lower Upper

83 100

85 62.9 51.2 76.8

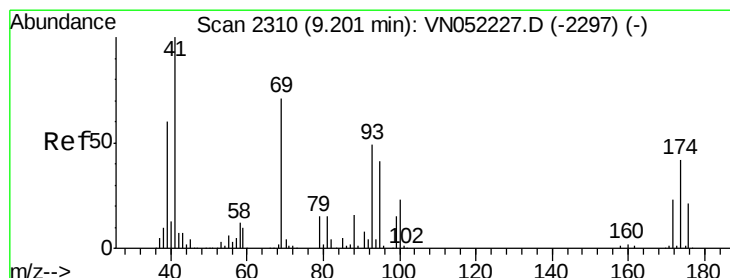
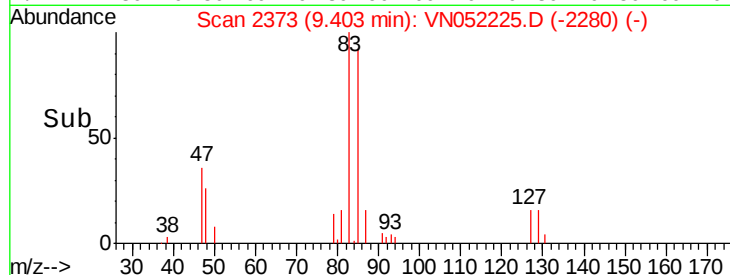
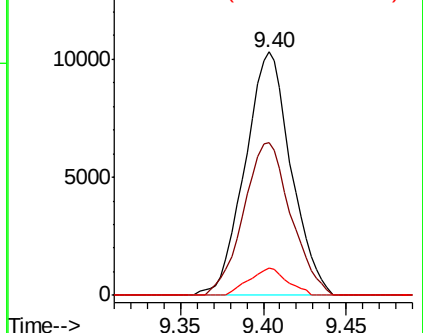
127 11.0 6.2 9.4#



Abundance Ion 82.90 (82.60 to 83.60): VN052225.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052225.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052225.D (-2280) (-)



#48

Methyl methacrylate

Concen: 4.902 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

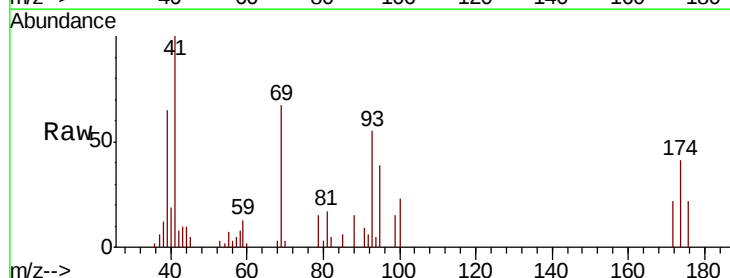
Tgt Ion: 41 Resp: 15307

Ion Ratio Lower Upper

41 100

69 69.7 58.8 88.2

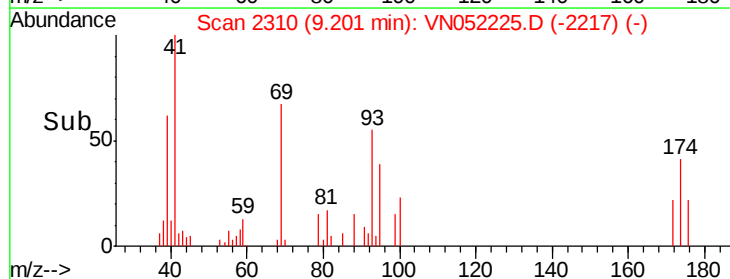
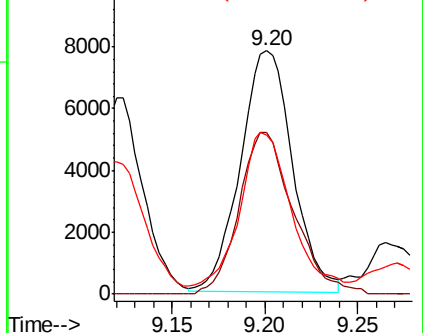
39 62.7 50.7 76.1

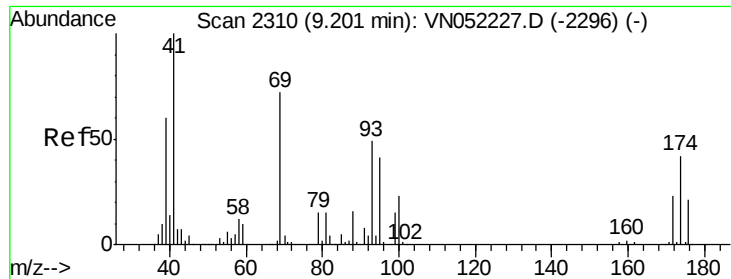


Abundance Ion 41.00 (40.70 to 41.70): VN052225.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN052225.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN052225.D (-2217) (-)

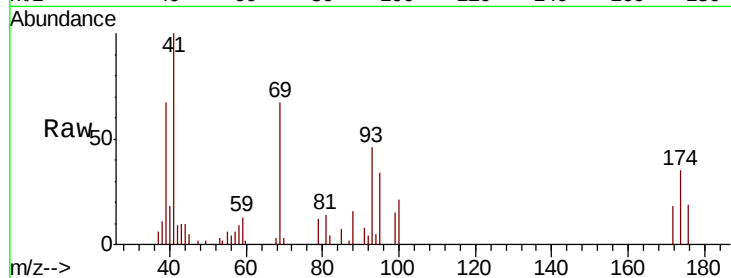




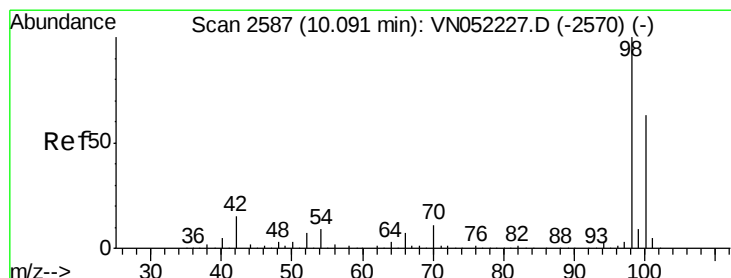
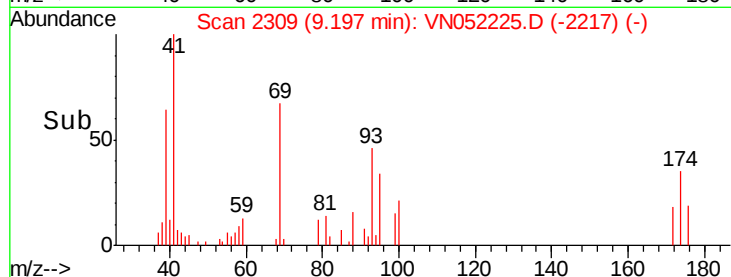
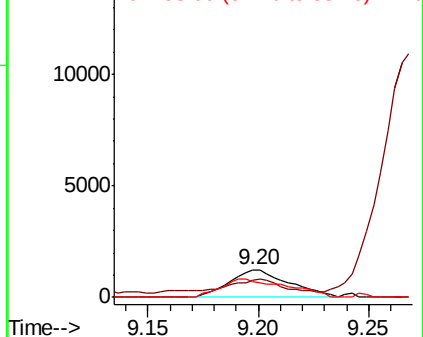
#49
 1,4-Dioxane
 Concen: 92.228 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tgt Ion: 88 Resp: 2315
 Ion Ratio Lower Upper
 88 100
 43 46.5 32.5 48.7
 58 74.8 58.2 87.4

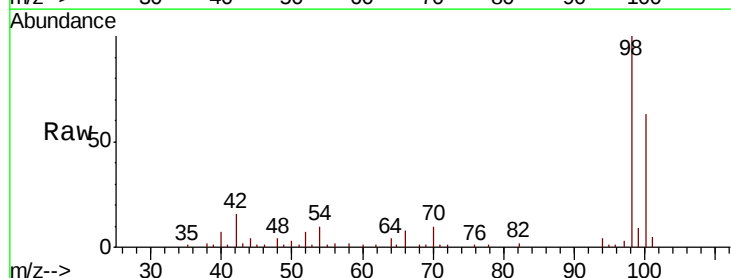


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

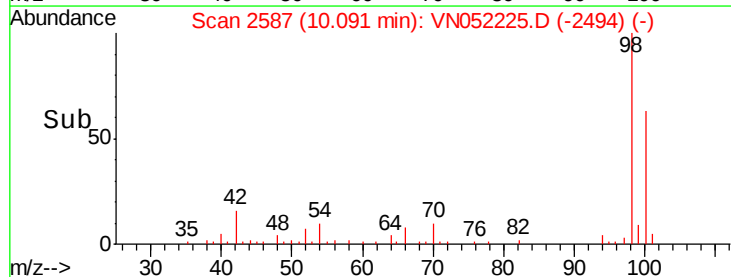
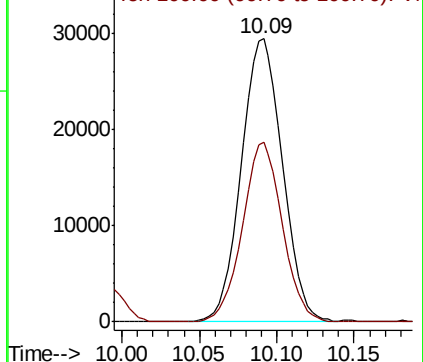


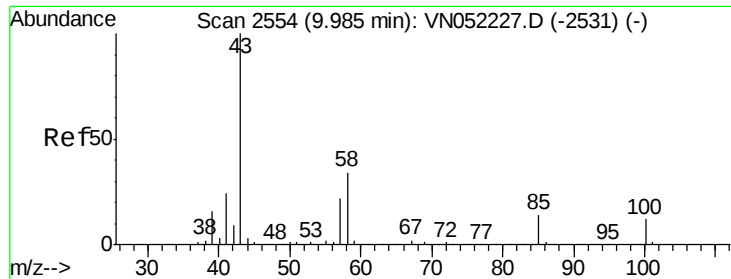
#50
 Toluene-d8
 Concen: 92.228 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Tgt Ion: 98 Resp: 54461
 Ion Ratio Lower Upper
 98 100
 100 61.4 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 24.131 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

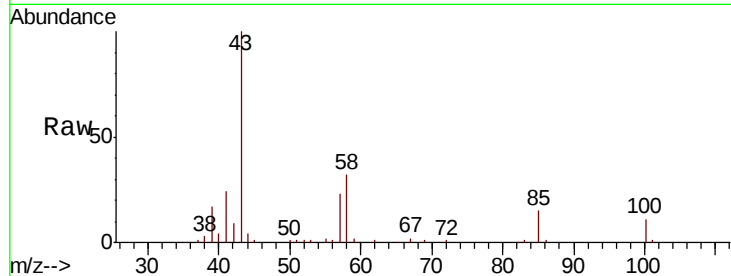
VSTDIC005

Tgt Ion: 43 Resp: 78974

Ion Ratio Lower Upper

43 100

58 32.7 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN052227.D (-2531) (-)

9.99

40000

30000

20000

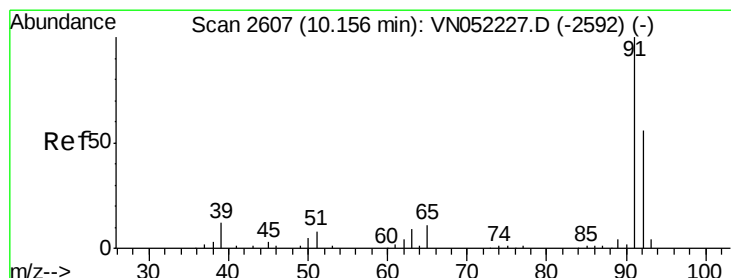
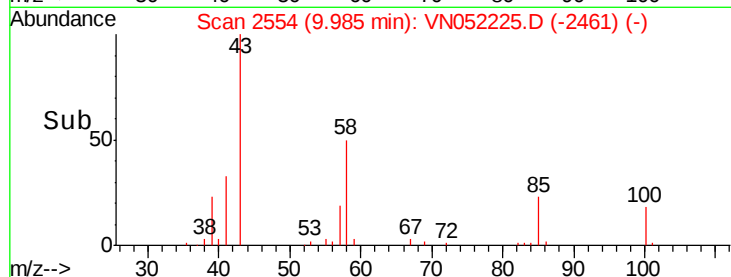
10000

0

9.90

10.00

Time-->



#52

Toluene

Concen: 4.943 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052225.D

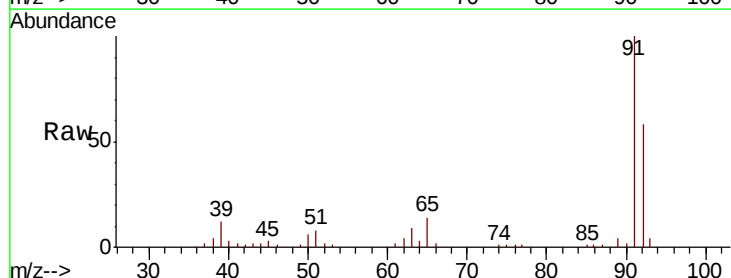
Acq: 9 Nov 2018 14:06

Tgt Ion: 92 Resp: 38588

Ion Ratio Lower Upper

92 100

91 174.0 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VN052227.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN052227.D (-2592) (-)

10.16

40000

30000

20000

10000

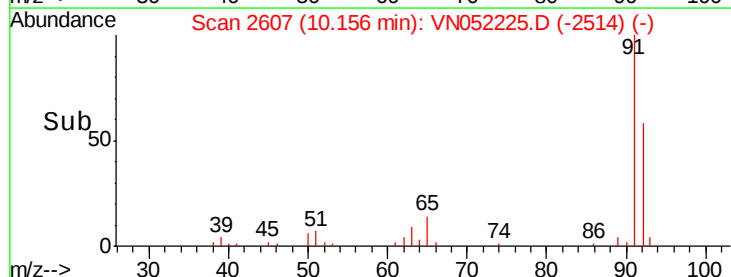
0

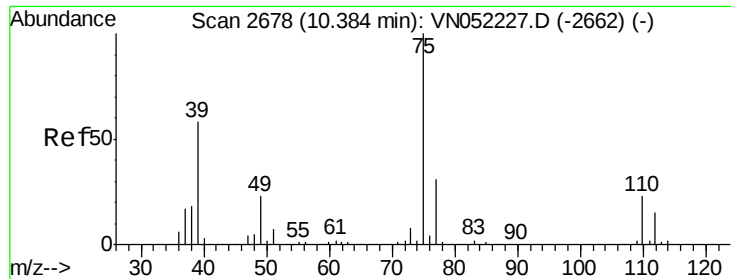
10.10

10.15

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 4.411 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

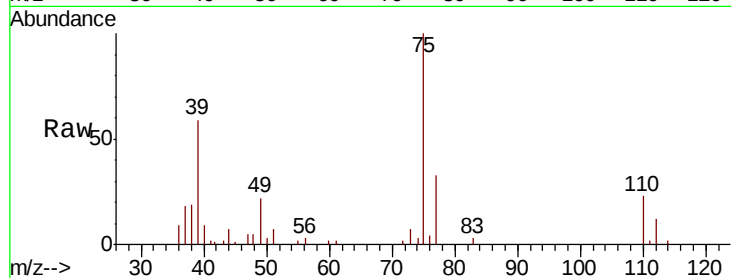
VSTDIC005

Tgt Ion: 75 Resp: 18728

Ion Ratio Lower Upper

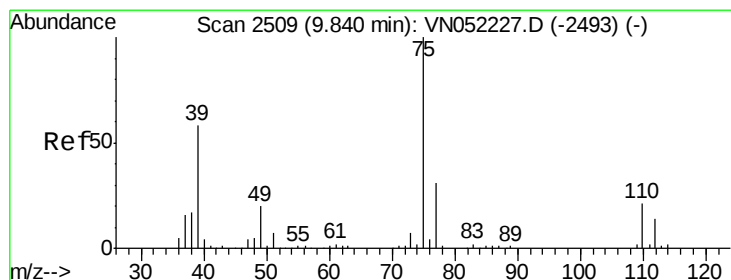
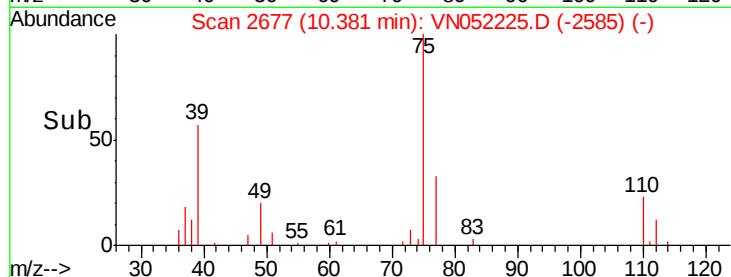
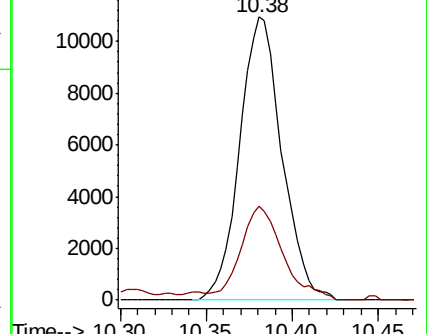
75 100

77 33.2 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 4.627 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

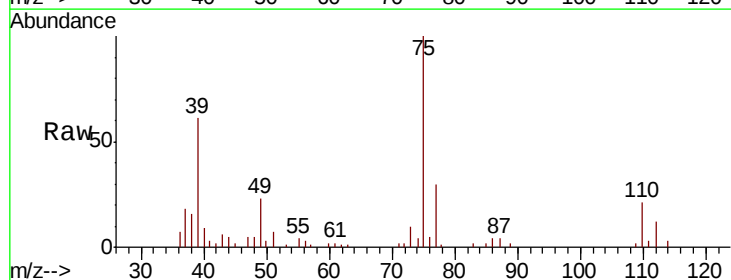
Tgt Ion: 75 Resp: 23195

Ion Ratio Lower Upper

75 100

77 29.5 25.2 37.8

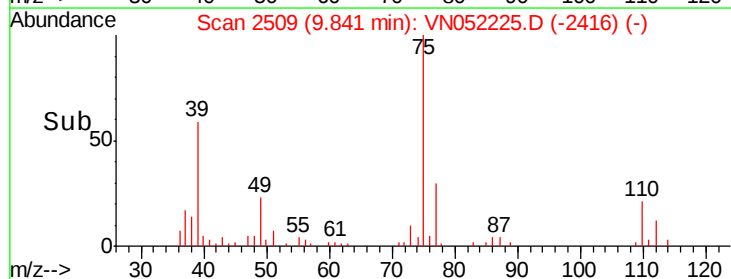
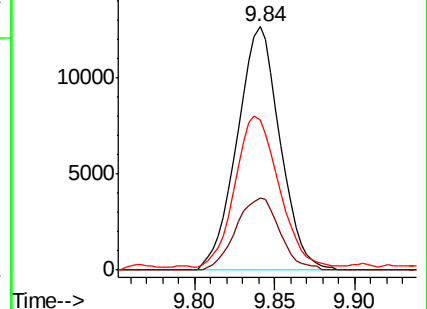
39 60.0 46.6 70.0

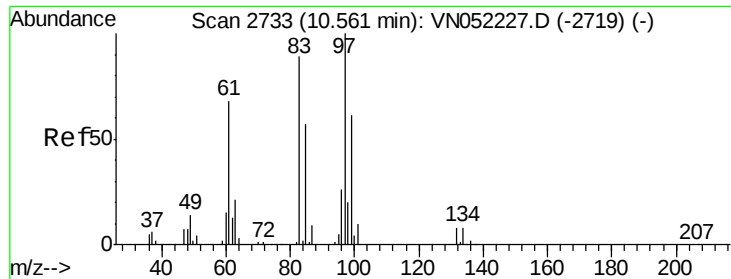


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

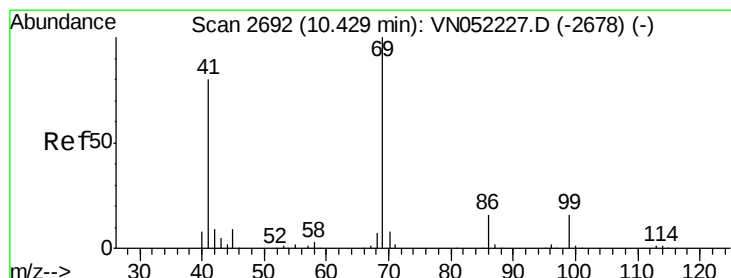
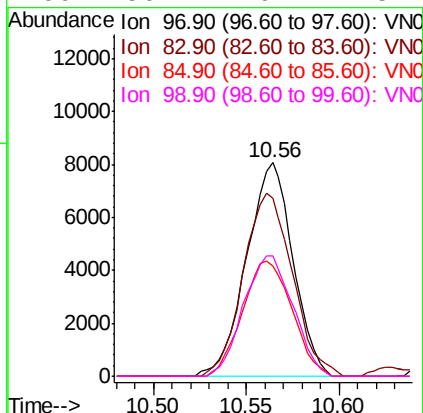
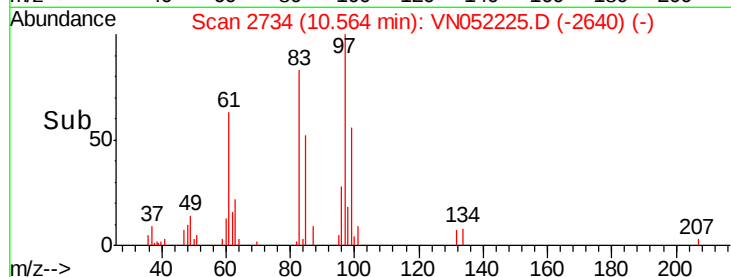
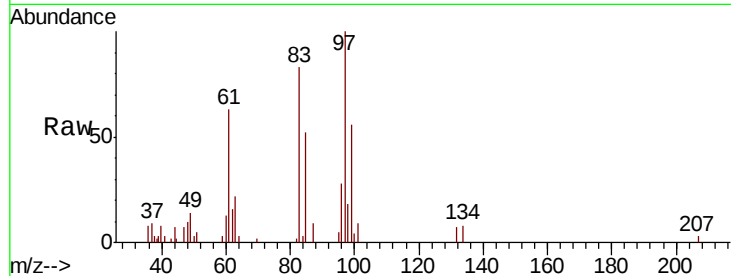




#55
 1,1,2-Trichloroethane
 Concen: 4.989 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

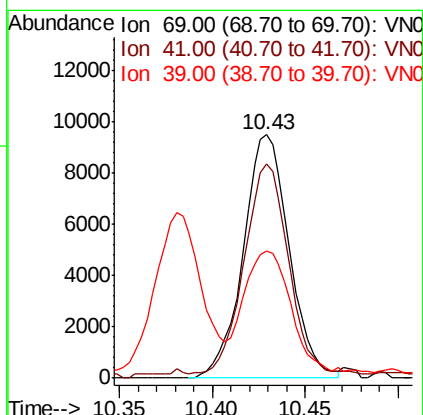
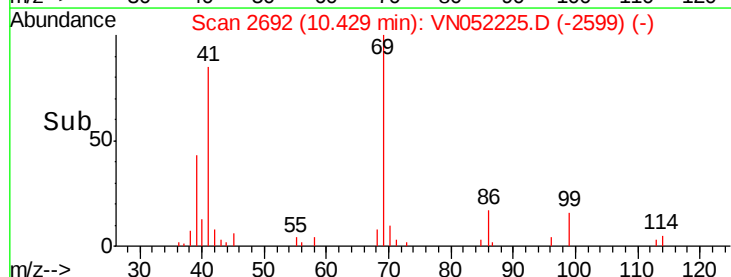
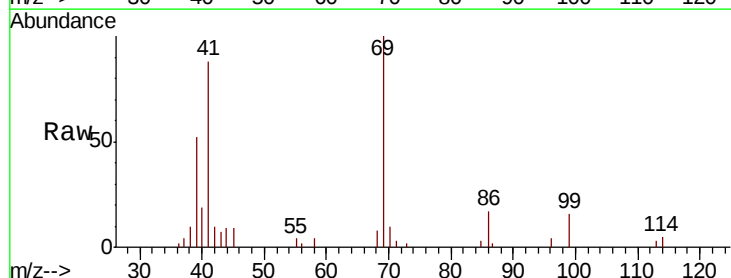
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

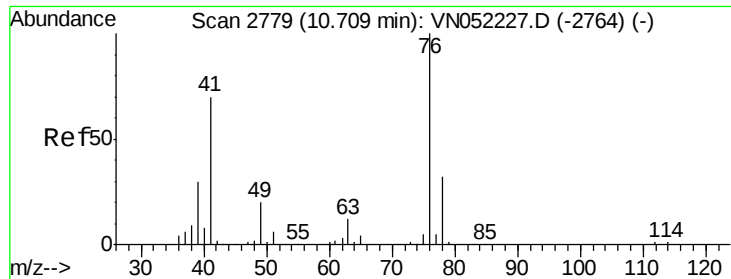
Tgt Ion:	97	Resp:	14077
Ion	Ratio	Lower	Upper
97	100		
83	83.1	71.2	106.8
85	51.7	45.6	68.4
99	56.2	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 4.285 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Tgt Ion:	69	Resp:	16341
Ion	Ratio	Lower	Upper
69	100		
41	82.2	64.0	96.0
39	50.8	37.8	56.8





#57

1,3-Dichloropropane

Concen: 4.773 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampled :

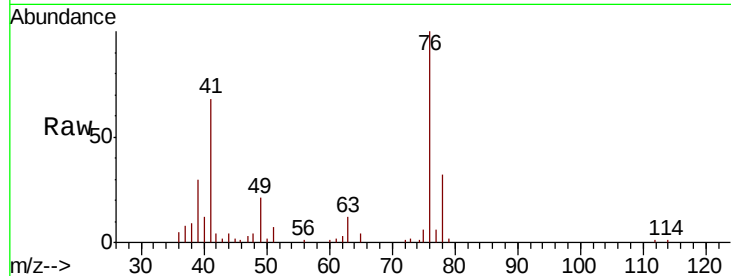
VSTDIC005

Tgt Ion: 76 Resp: 24112

Ion Ratio Lower Upper

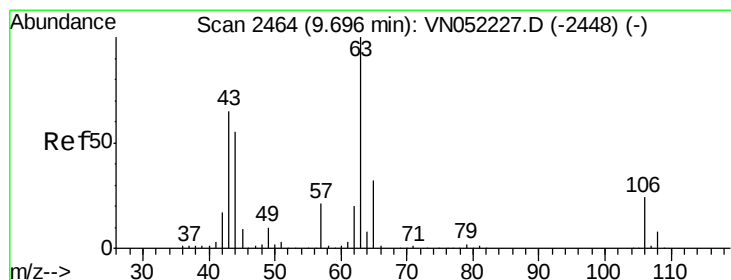
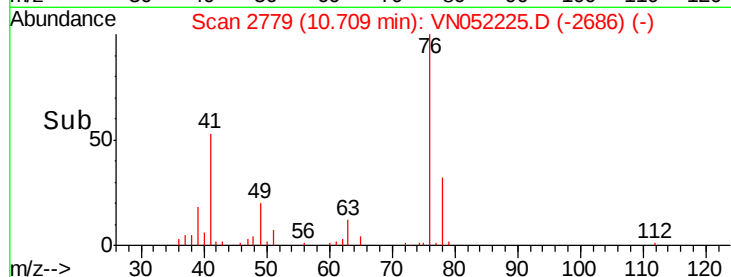
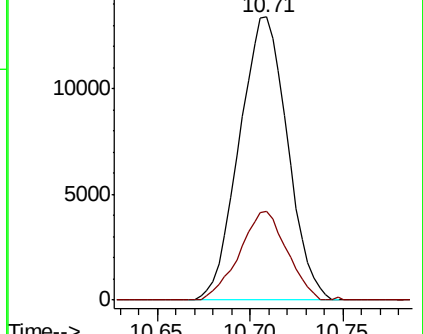
76 100

78 30.9 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 24.677 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN052225.D

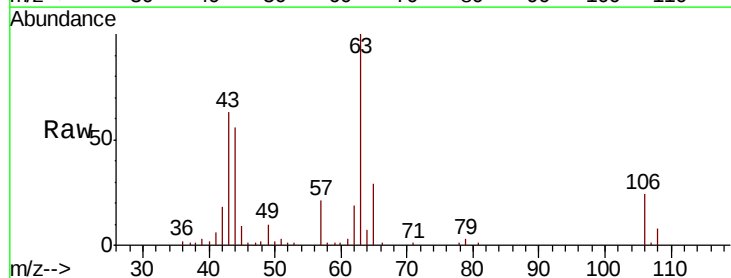
Acq: 9 Nov 2018 14:06

Tgt Ion: 63 Resp: 52111

Ion Ratio Lower Upper

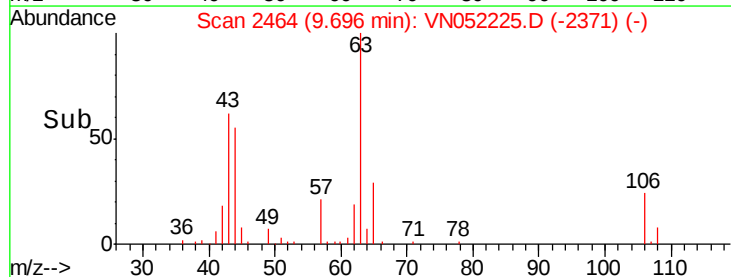
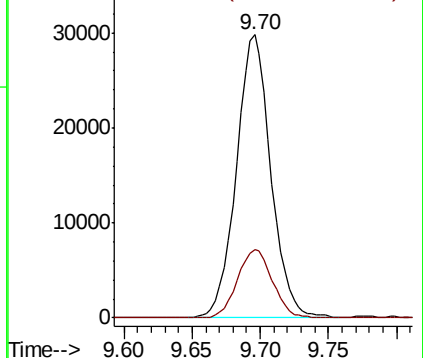
63 100

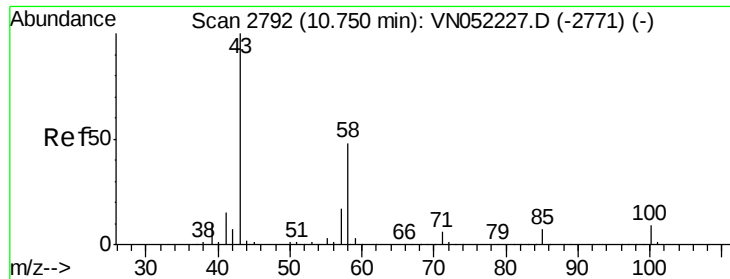
106 24.4 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

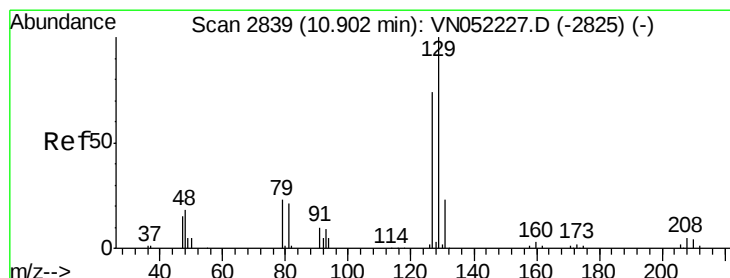
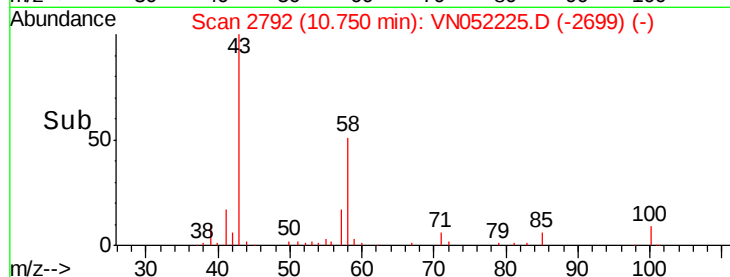
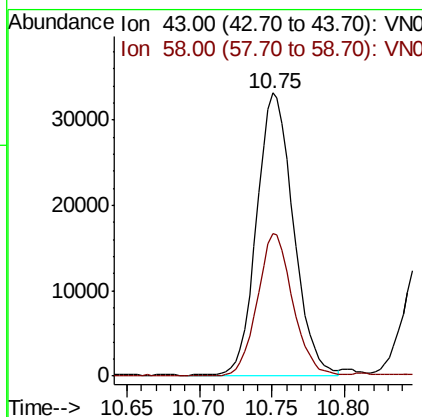
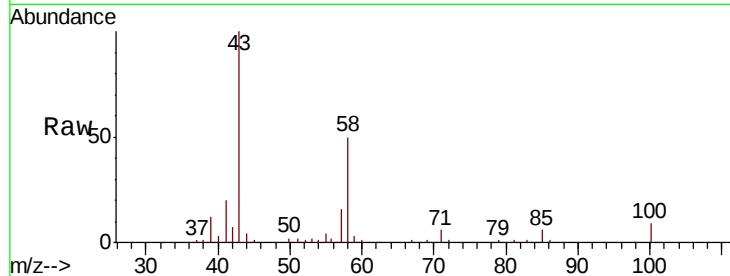




#59
2-Hexanone
Concen: 25.647 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

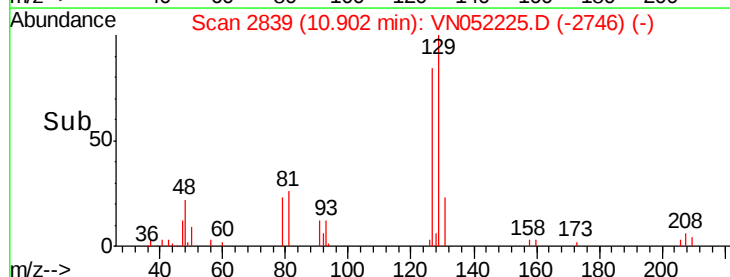
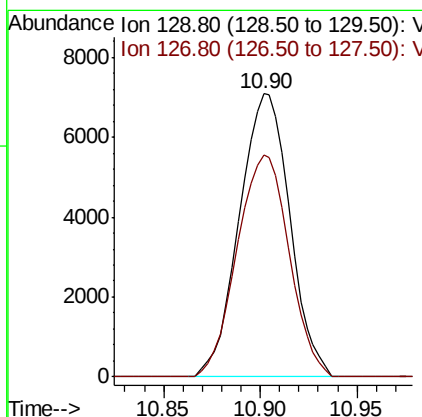
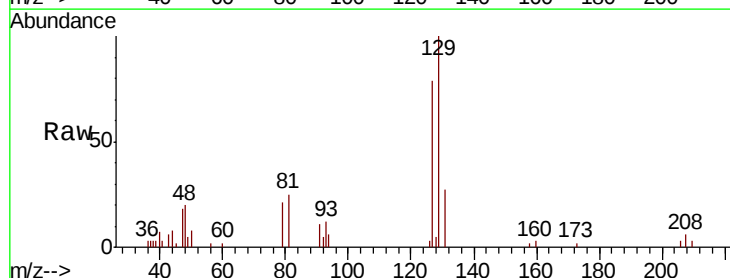
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

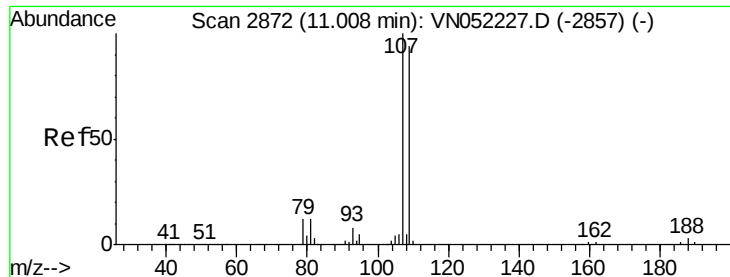
Tgt Ion: 43 Resp: 58922
Ion Ratio Lower Upper
43 100
58 48.4 24.1 72.3



#60
Dibromochloromethane
Concen: 4.494 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Tgt Ion: 129 Resp: 12862
Ion Ratio Lower Upper
129 100
127 80.7 38.0 114.1





#61

1,2-Dibromoethane

Concen: 4.764 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

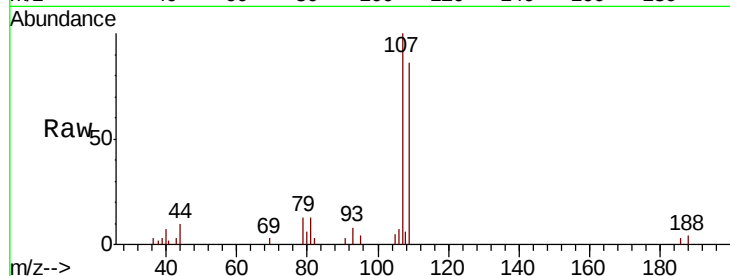
VSTDIC005

Tgt Ion: 107 Resp: 13211

Ion Ratio Lower Upper

107 100

109 87.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

8000

6000

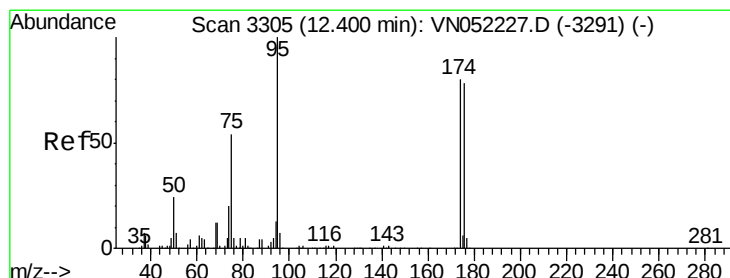
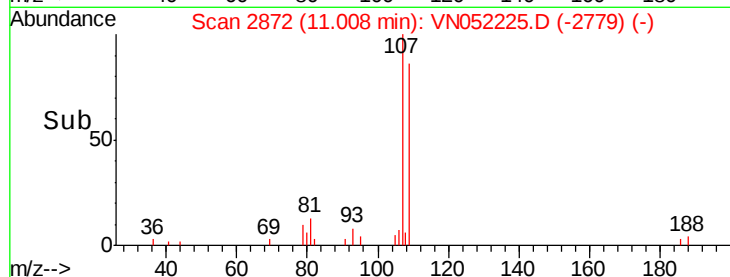
4000

2000

0

10.95 11.00 11.05

Time-->



#62

4-Bromofluorobenzene

Concen: 4.764 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

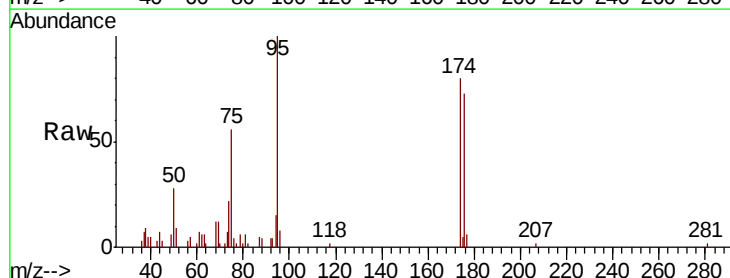
Tgt Ion: 95 Resp: 16904

Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.4

176 72.4 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

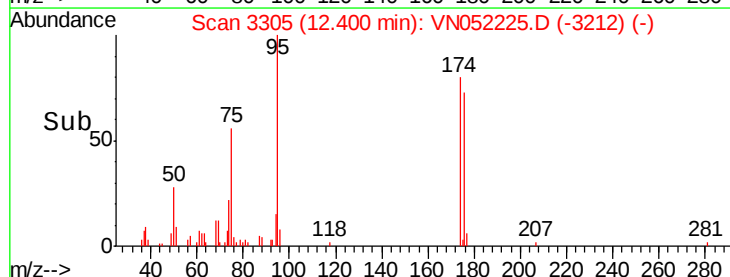
10000

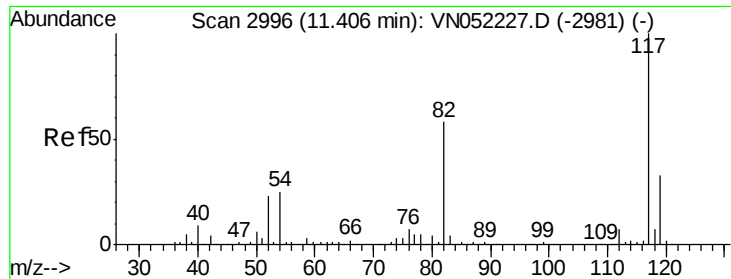
5000

0

12.35 12.40 12.45

Time-->

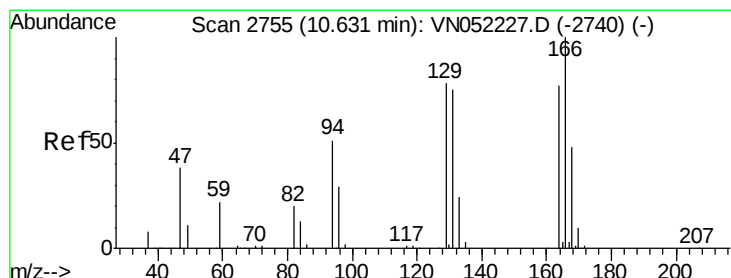
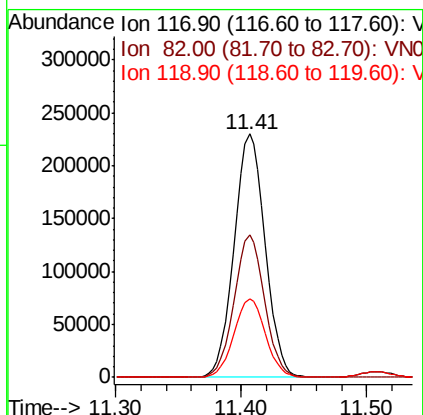
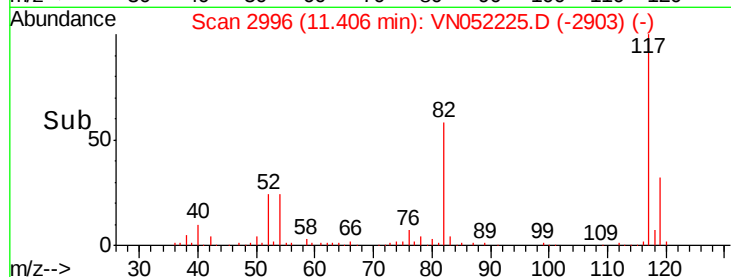
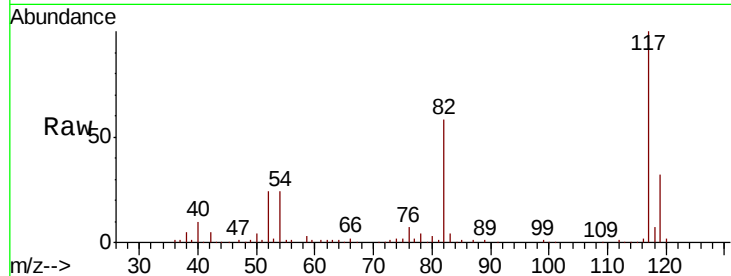




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

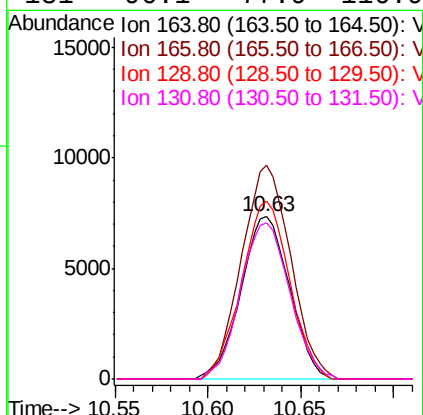
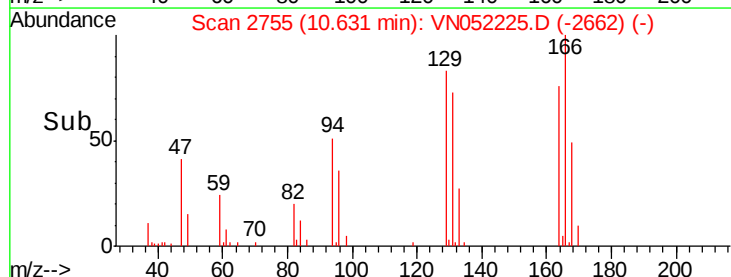
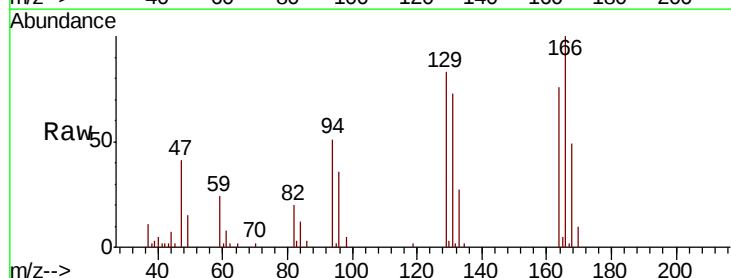
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

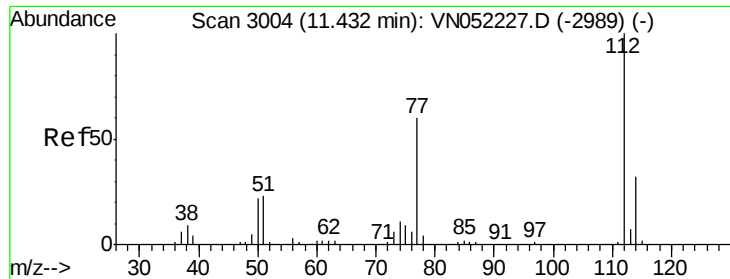
Tgt Ion:117 Resp: 395302
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.2
119 32.1 26.2 39.4



#64
Tetrachloroethene
Concen: 4.829 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Tgt Ion:164 Resp: 13365
Ion Ratio Lower Upper
164 100
166 131.6 103.6 155.4
129 109.3 81.0 121.6
131 96.1 77.9 116.9

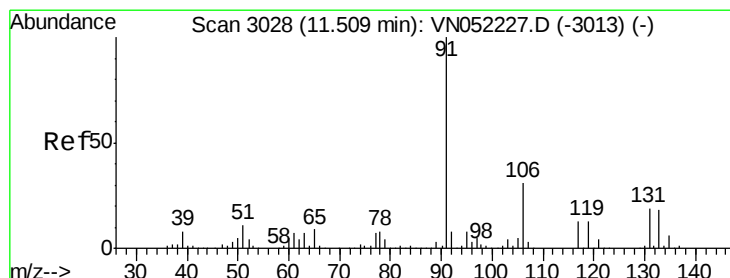
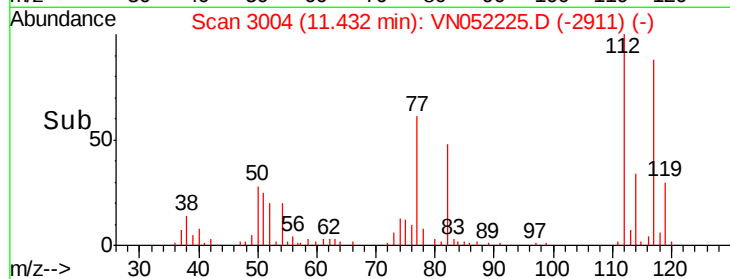
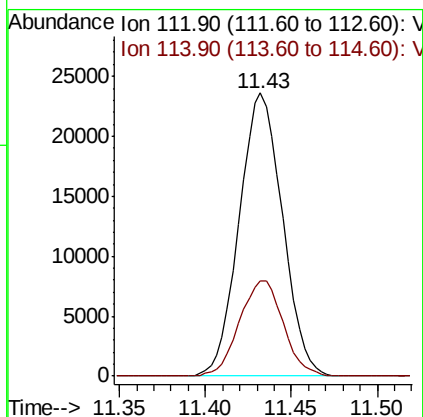
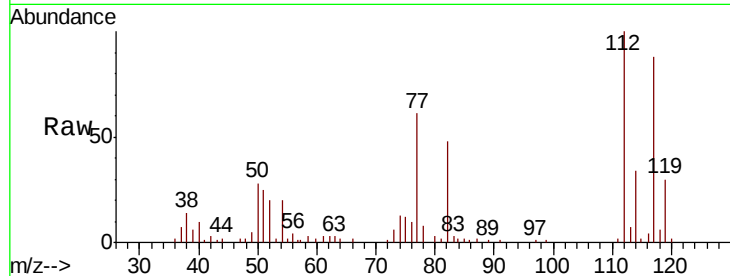




#65
Chlorobenzene
Concen: 4.915 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

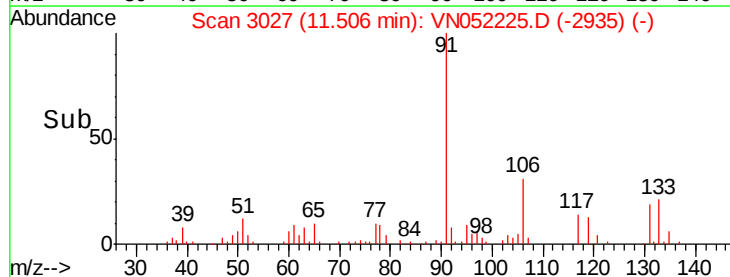
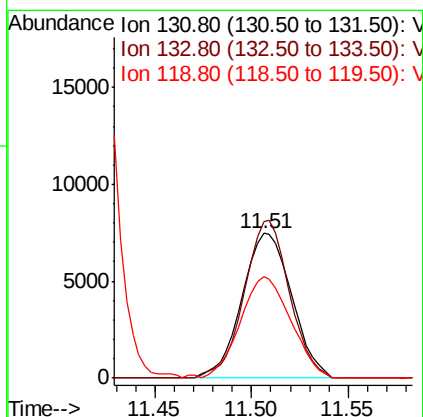
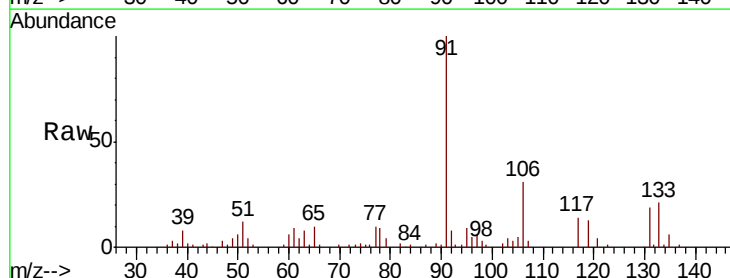
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

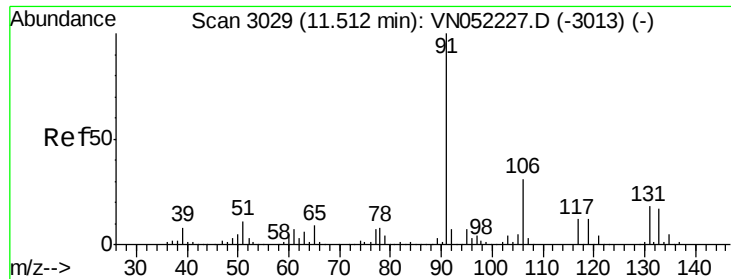
Tgt Ion:112 Resp: 41168
Ion Ratio Lower Upper
112 100
114 33.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.734 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Tgt Ion:131 Resp: 13433
Ion Ratio Lower Upper
131 100
133 98.7 48.3 144.9
119 71.1 34.6 103.9

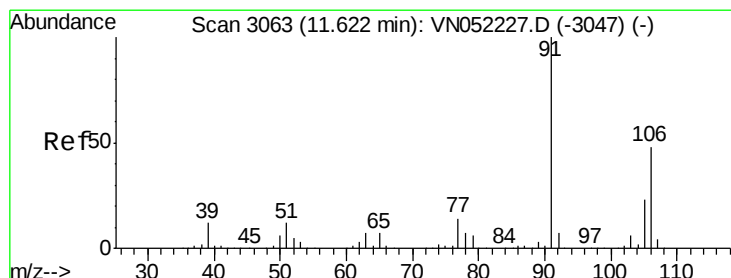
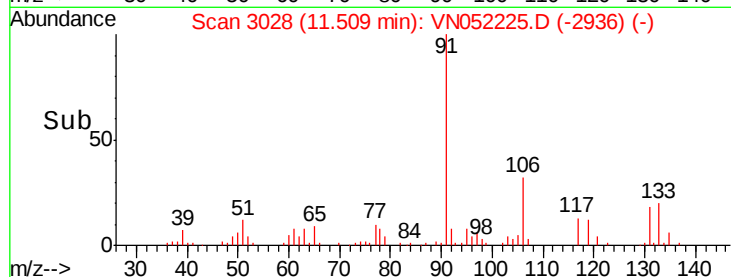
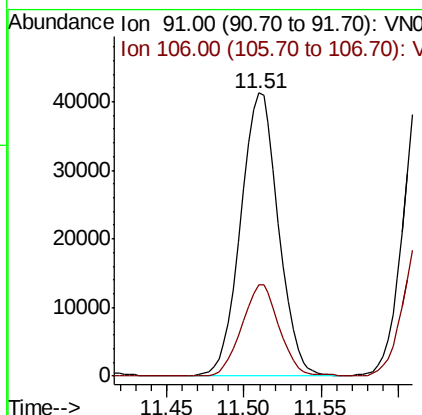
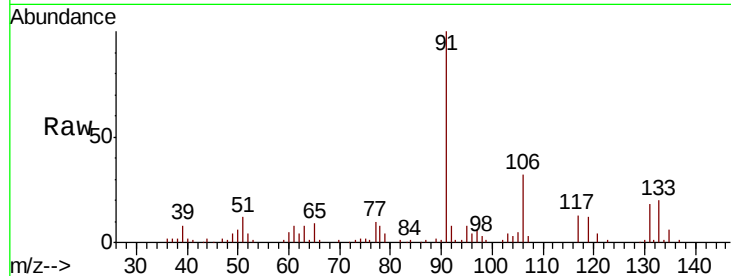




#67
Ethyl Benzene
Concen: 4.759 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

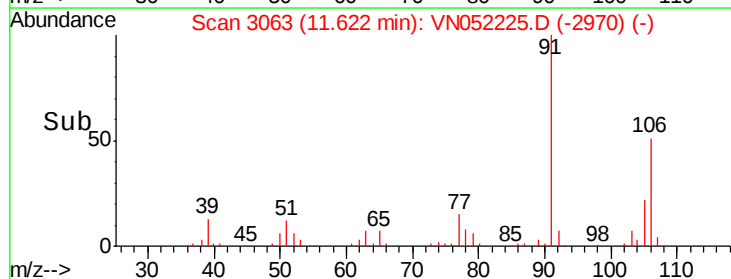
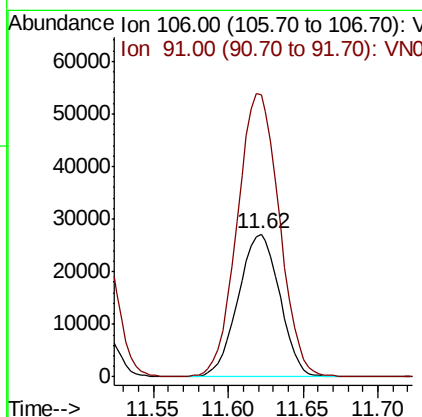
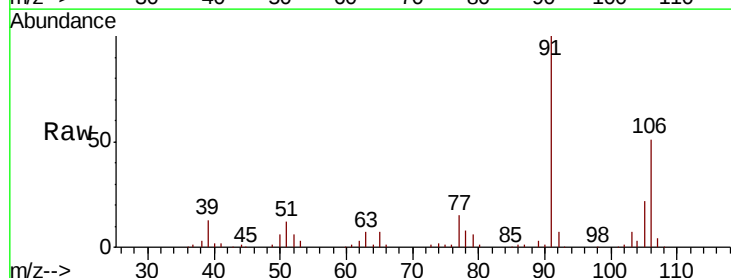
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

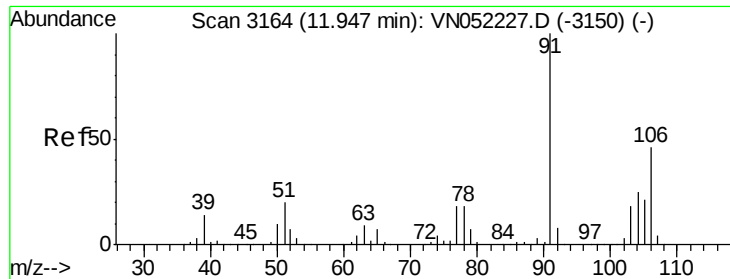
Tgt Ion: 91 Resp: 70119
Ion Ratio Lower Upper
91 100
106 32.2 24.7 37.1



#68
m/p-Xylenes
Concen: 9.560 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Tgt Ion: 106 Resp: 52452
Ion Ratio Lower Upper
106 100
91 201.3 165.7 248.5

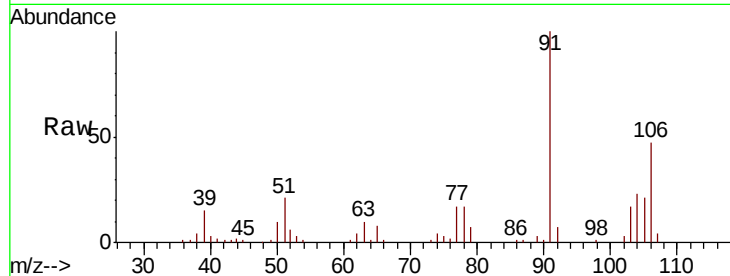




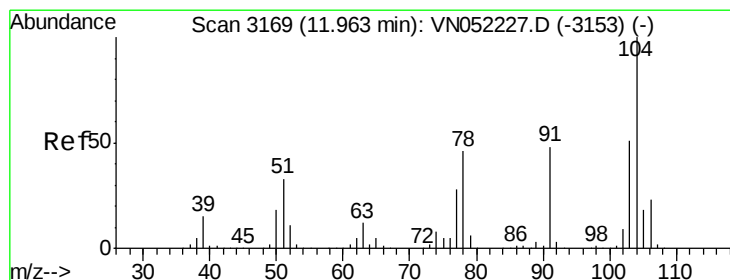
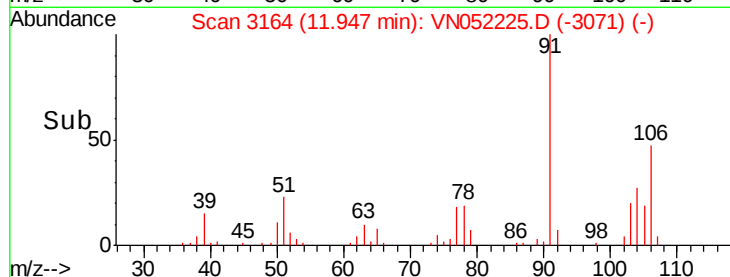
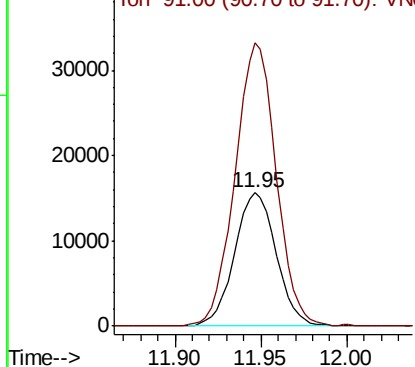
#69
o-Xylene
Concen: 5.017 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 26300
Ion Ratio Lower Upper
106 100
91 209.6 108.5 325.5

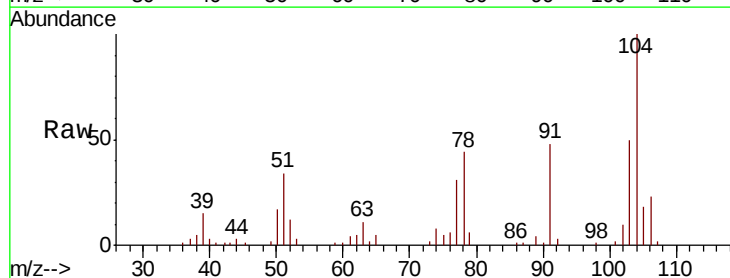


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

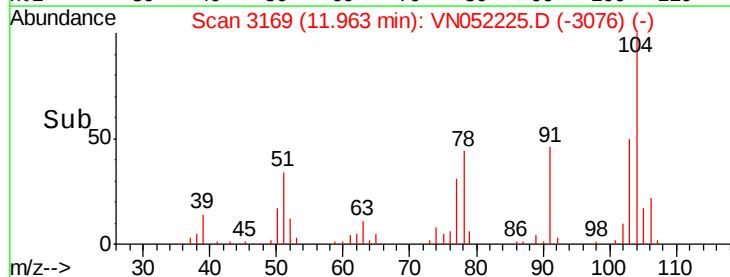
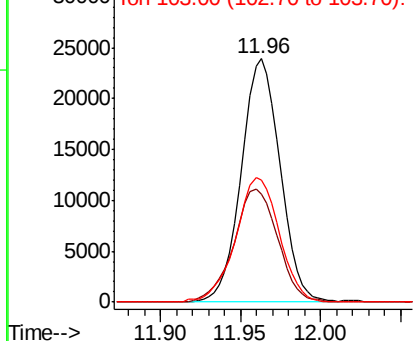


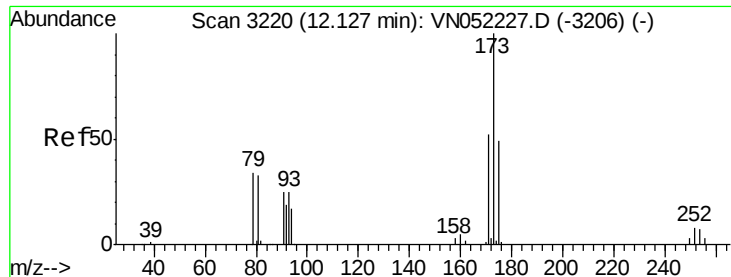
#70
Styrene
Concen: 4.680 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Tgt Ion:104 Resp: 39634
Ion Ratio Lower Upper
104 100
78 52.4 41.8 62.6
103 57.3 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.180 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

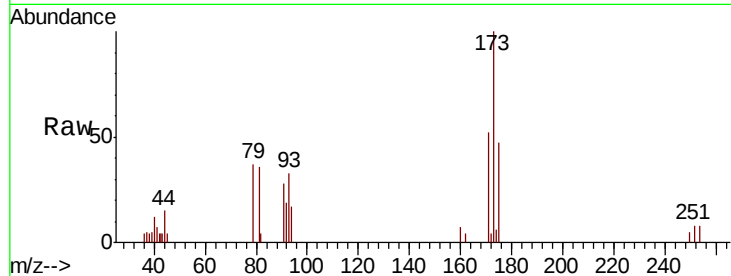
Tgt Ion:173 Resp: 7076

Ion Ratio Lower Upper

173 100

175 52.3 24.5 73.5

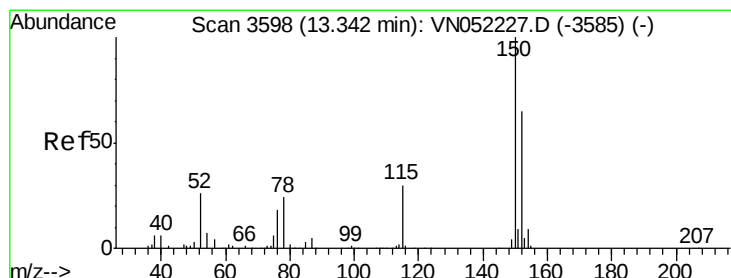
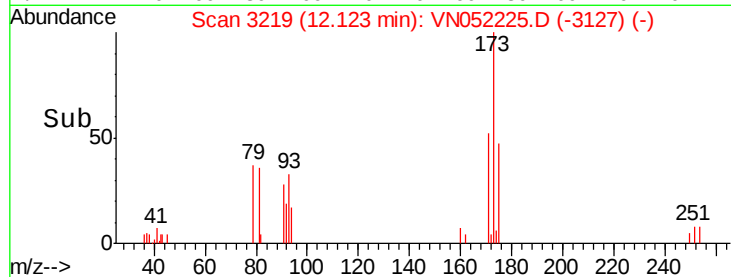
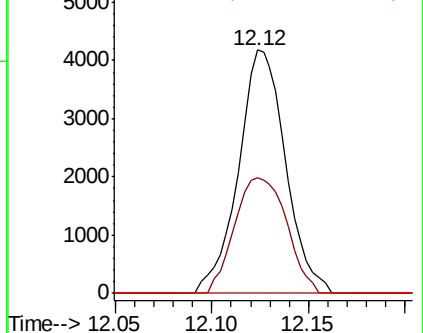
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

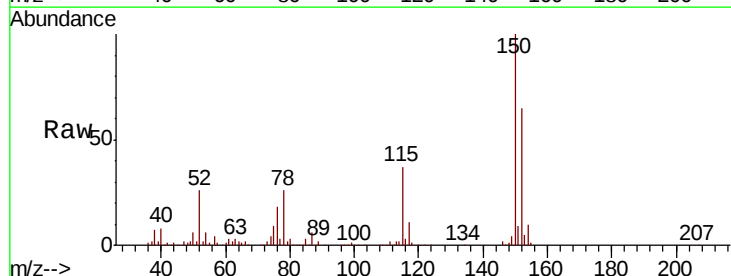
Tgt Ion:152 Resp: 159044

Ion Ratio Lower Upper

152 100

115 60.1 29.8 89.5

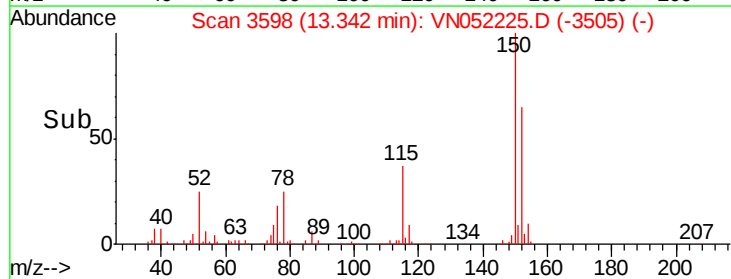
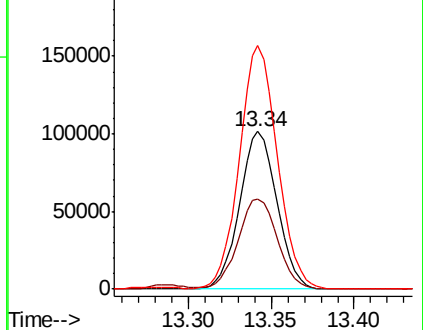
150 156.9 0.0 350.2

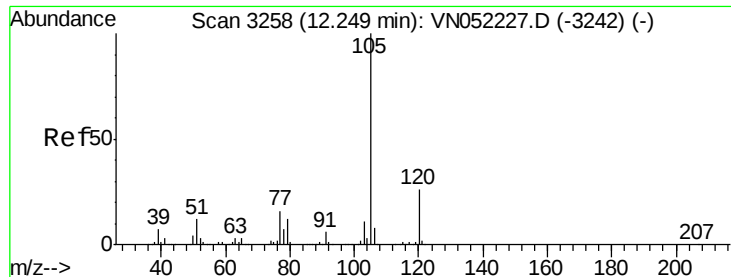


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.148 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

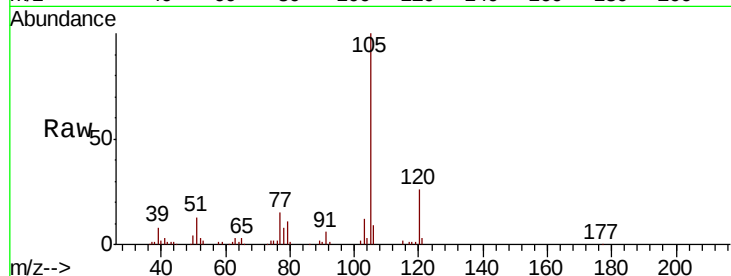
VSTDIC005

Tgt Ion:105 Resp: 66936

Ion Ratio Lower Upper

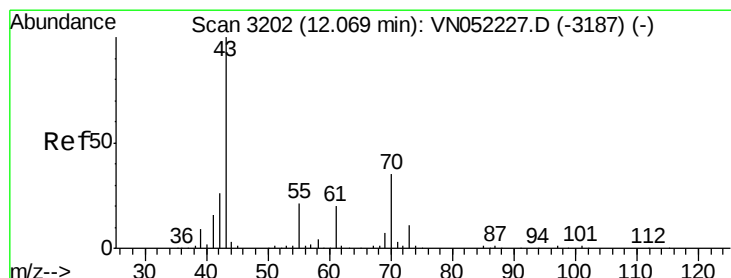
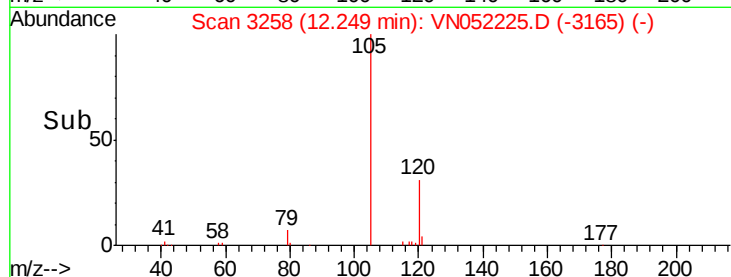
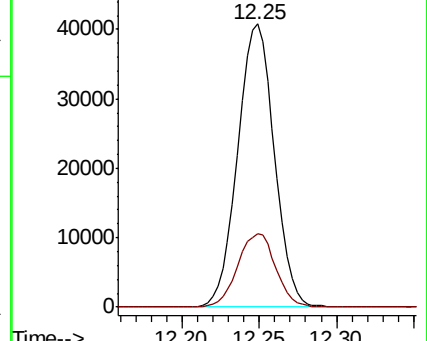
105 100

120 26.7 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.679 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Tgt Ion: 43 Resp: 22083

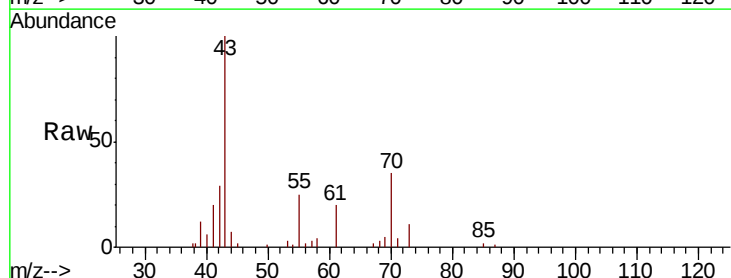
Ion Ratio Lower Upper

43 100

70 37.7 28.2 42.2

55 23.9 17.4 26.2

61 20.0 16.3 24.5

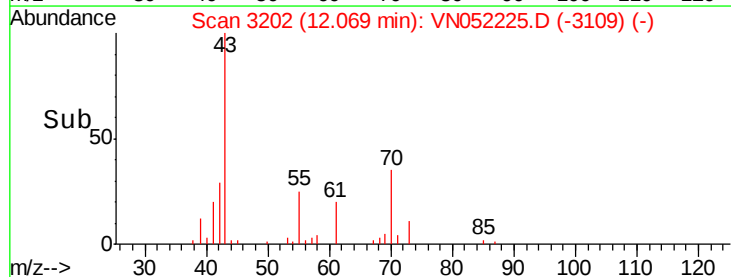
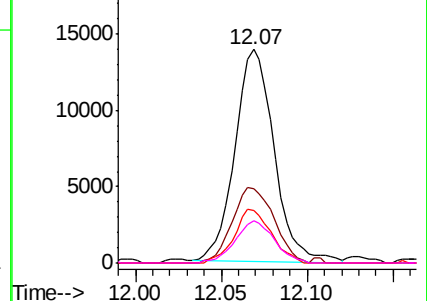


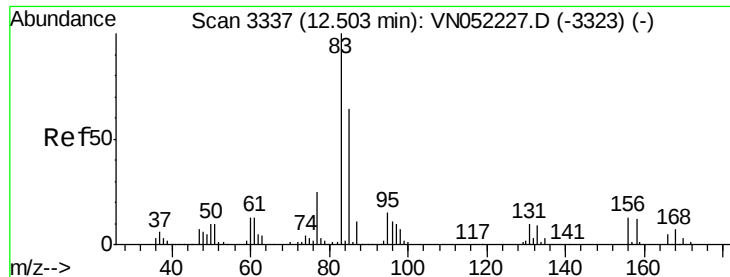
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.293 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

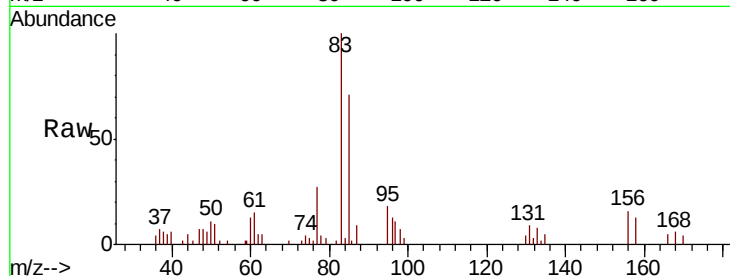
Tgt Ion: 83 Resp: 16871

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.2

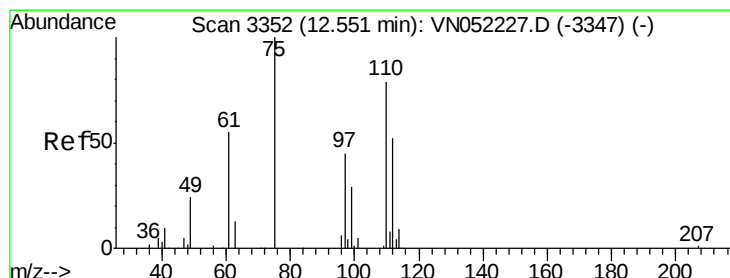
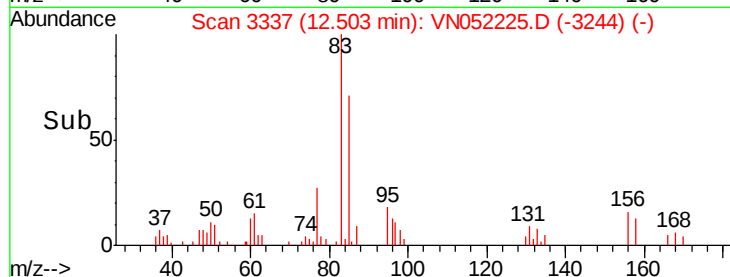
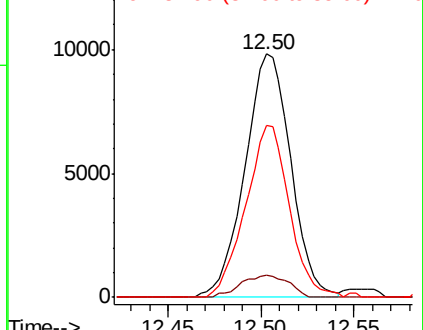
85 66.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 7.943 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052225.D

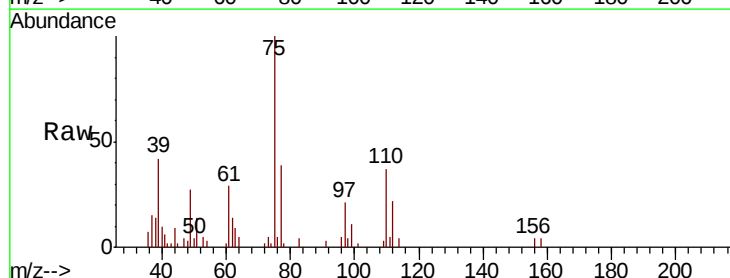
Acq: 9 Nov 2018 14:06

Tgt Ion: 75 Resp: 20266

Ion Ratio Lower Upper

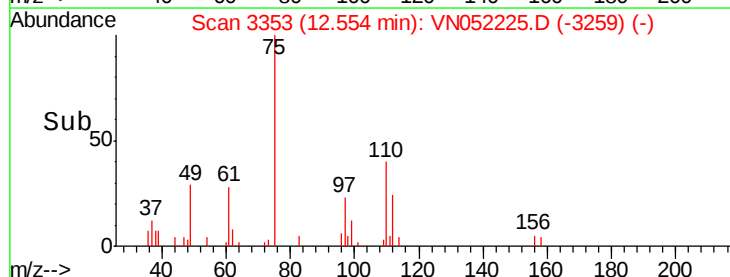
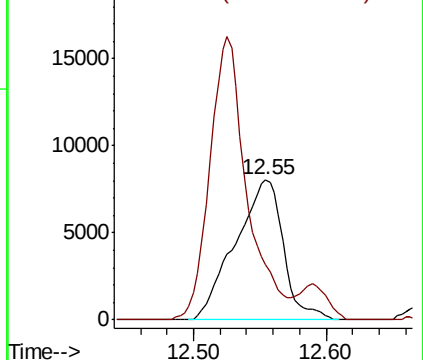
75 100

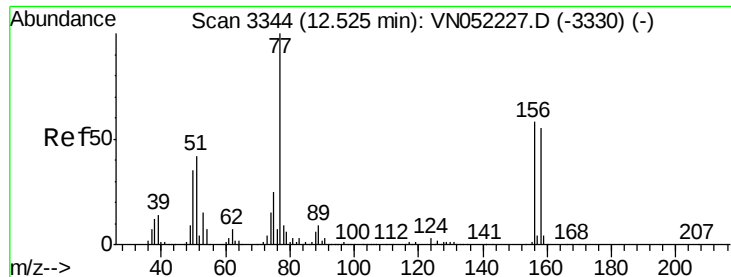
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 5.081 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

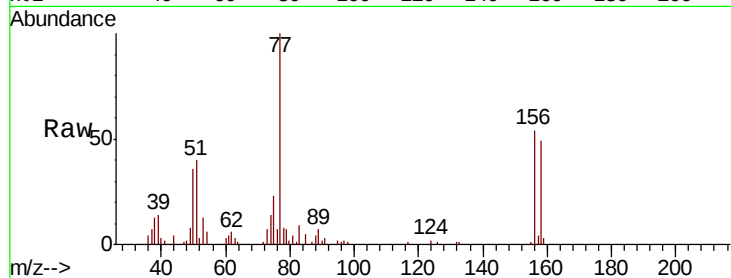
Tgt Ion:156 Resp: 15463

Ion Ratio Lower Upper

156 100

77 204.9 101.1 303.3

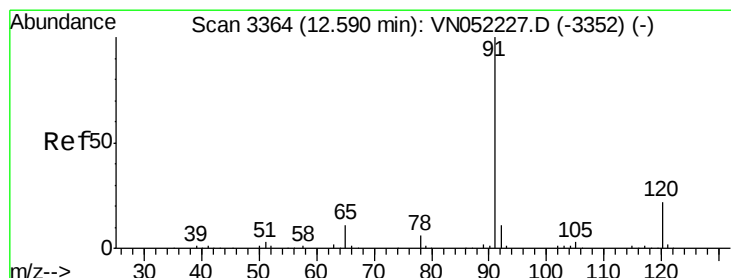
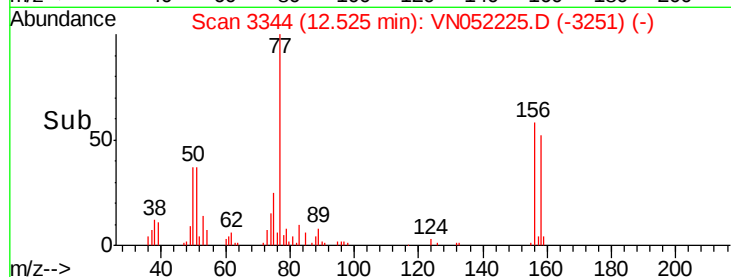
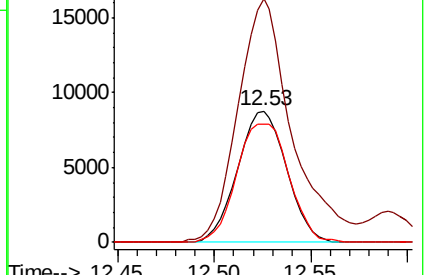
158 96.1 47.8 143.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.873 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052225.D

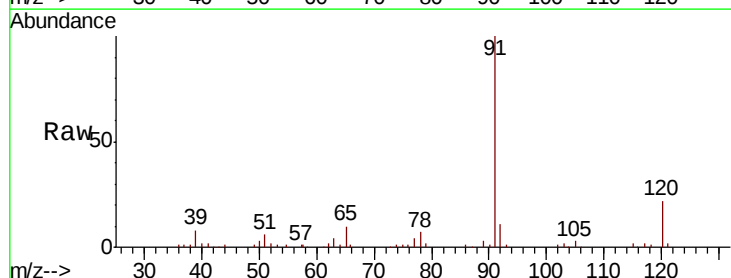
Acq: 9 Nov 2018 14:06

Tgt Ion: 91 Resp: 74195

Ion Ratio Lower Upper

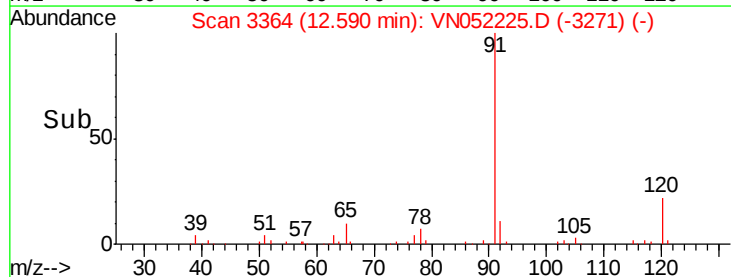
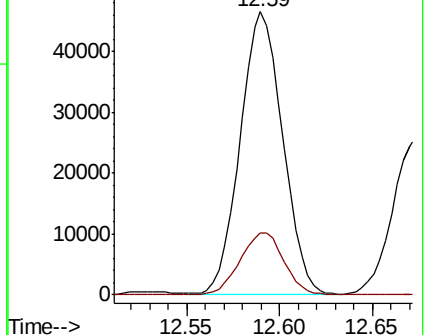
91 100

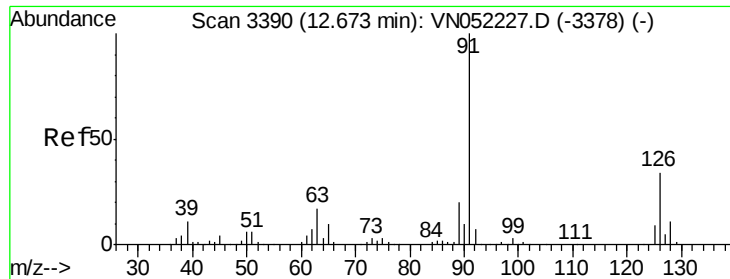
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

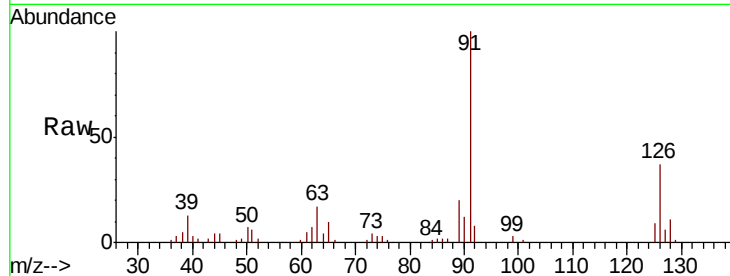




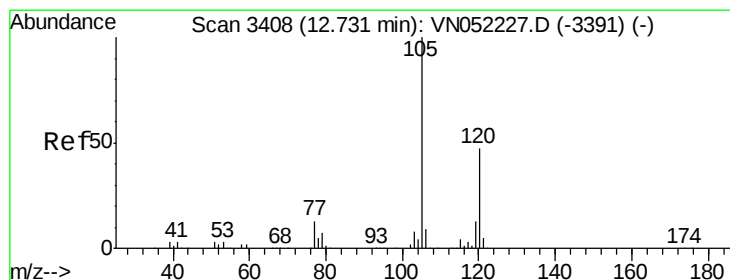
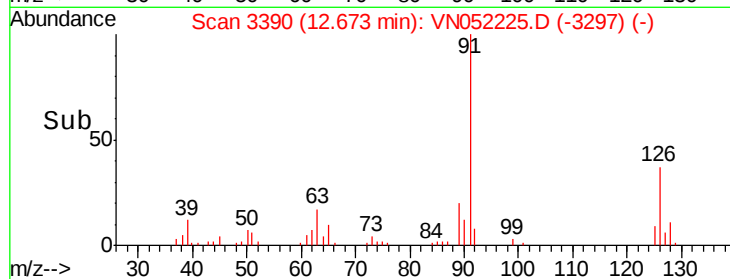
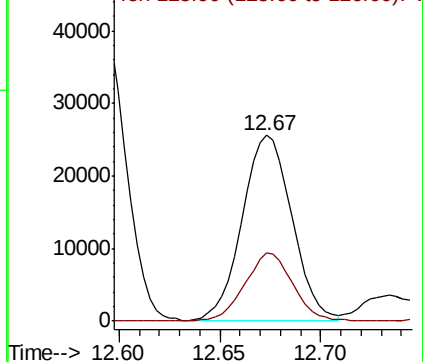
#79
 2-Chlorotoluene
 Concen: 5.047 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 91 Resp: 44521
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.0 51.0

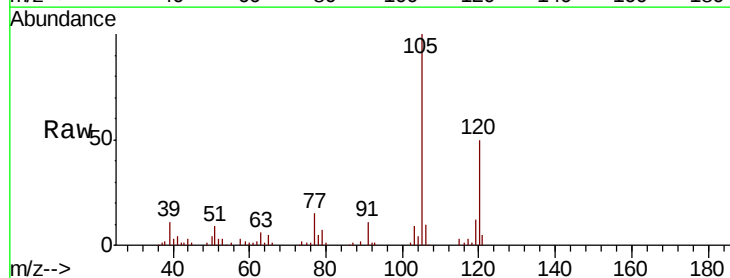


Abundance Ion 91.00 (90.70 to 91.70): VN052227.D (-3378) (-)
 Ion 125.90 (125.60 to 126.60): VN052227.D (-3378) (-)

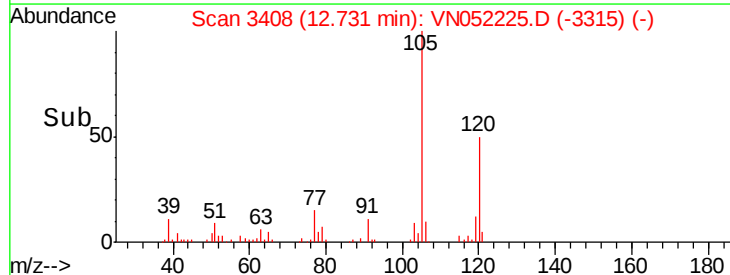
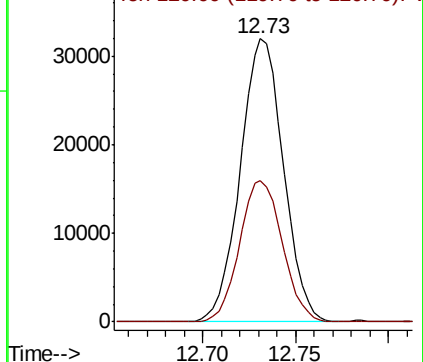


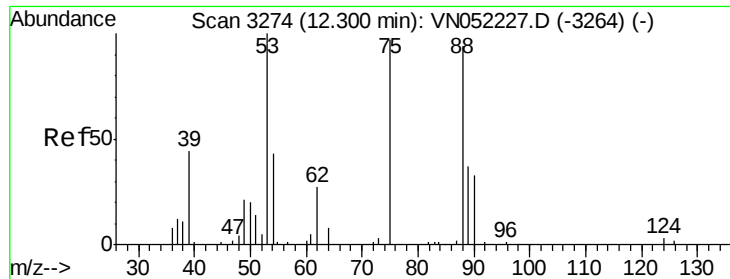
#80
 1,3,5-Trimethylbenzene
 Concen: 4.979 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Tgt Ion: 105 Resp: 51480
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VN052227.D (-3391) (-)
 Ion 120.00 (119.70 to 120.70): VN052227.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.094 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

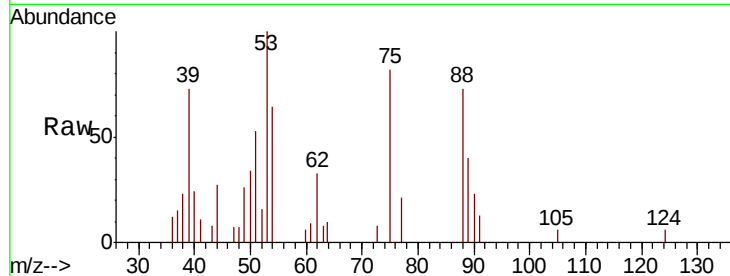
Tgt Ion: 75 Resp: 3375

Ion Ratio Lower Upper

75 100

53 129.5 84.0 126.0#

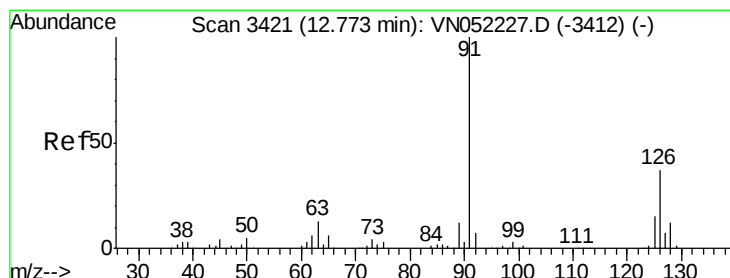
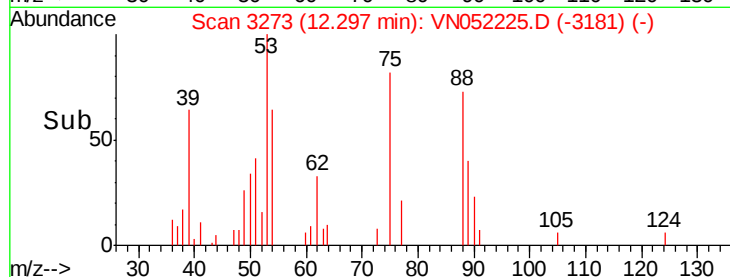
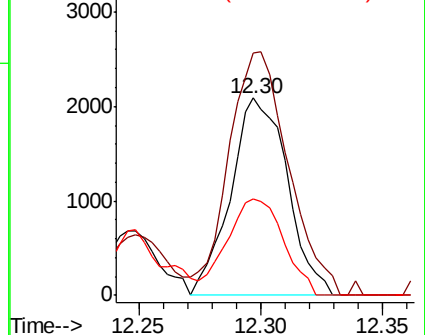
89 48.7 33.7 50.5



Abundance Ion 74.90 (74.60 to 75.60): VN052225.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052225.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052225.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 5.070 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052225.D

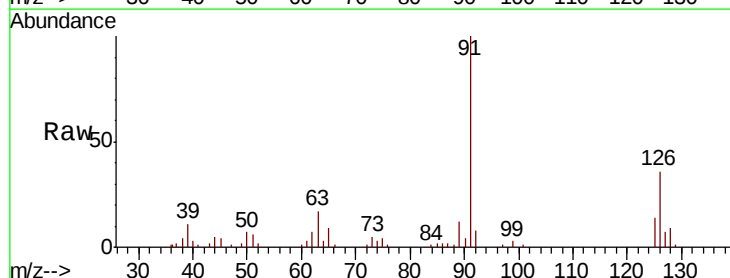
Acq: 9 Nov 2018 14:06

Tgt Ion: 91 Resp: 44880

Ion Ratio Lower Upper

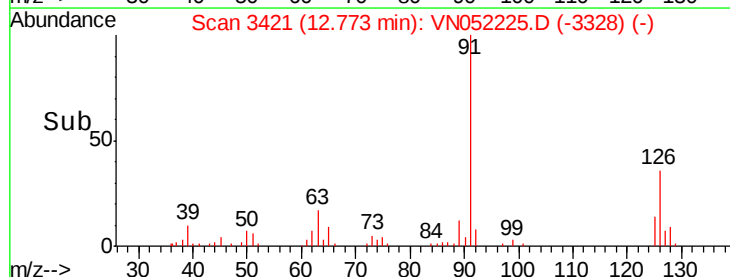
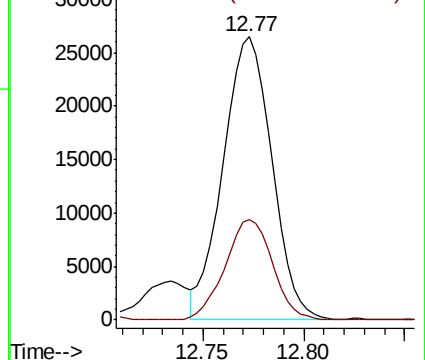
91 100

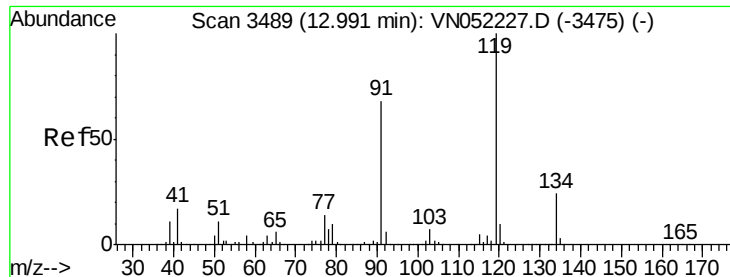
126 34.4 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN052225.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN052225.D (-3412) (-)





#83

tert-Butylbenzene

Concen: 5.096 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

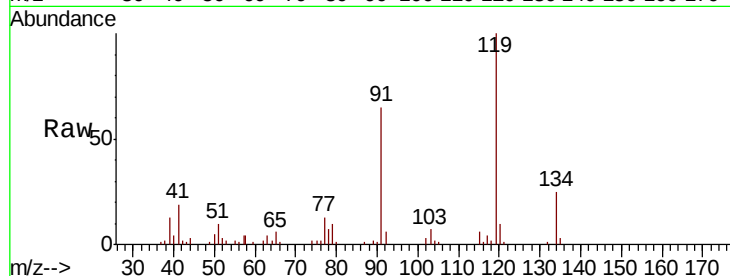
Tgt Ion:119 Resp: 46002

Ion Ratio Lower Upper

119 100

91 66.1 33.5 100.4

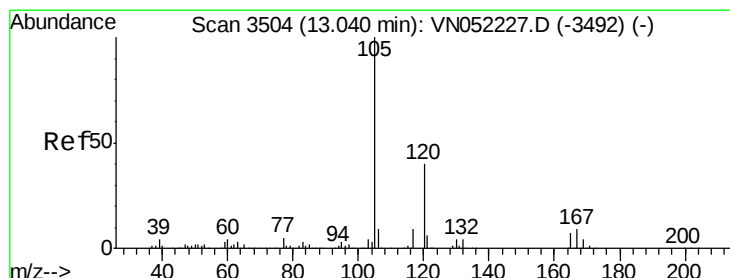
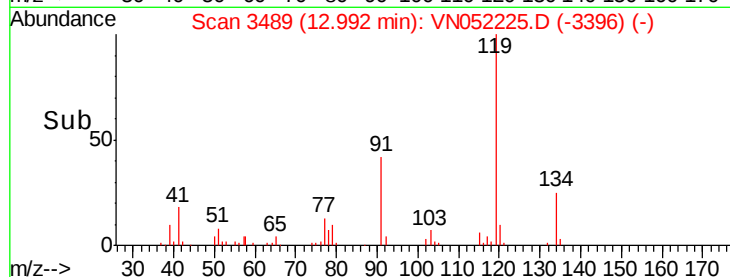
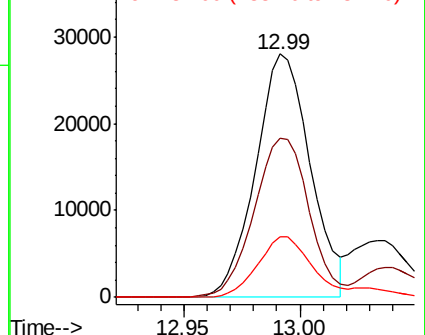
134 24.7 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.006 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN052225.D

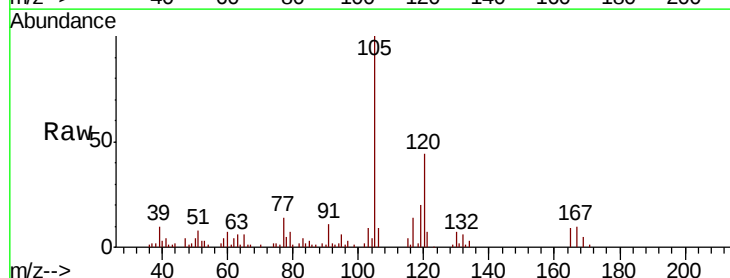
Acq: 9 Nov 2018 14:06

Tgt Ion:105 Resp: 52191

Ion Ratio Lower Upper

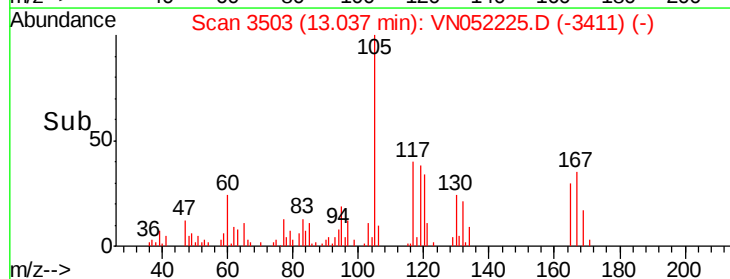
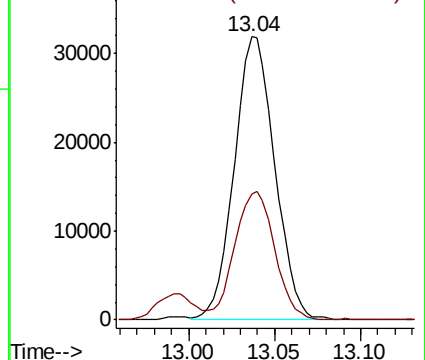
105 100

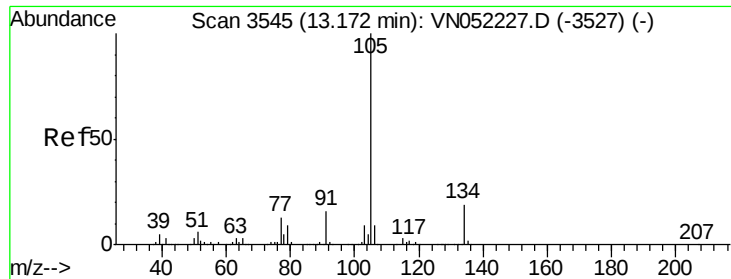
120 44.6 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

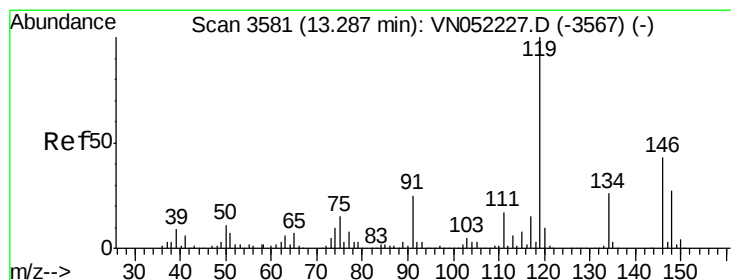
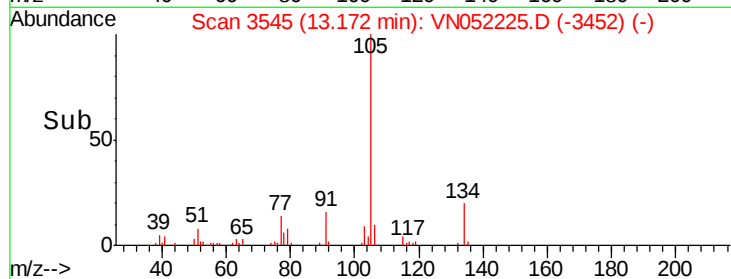
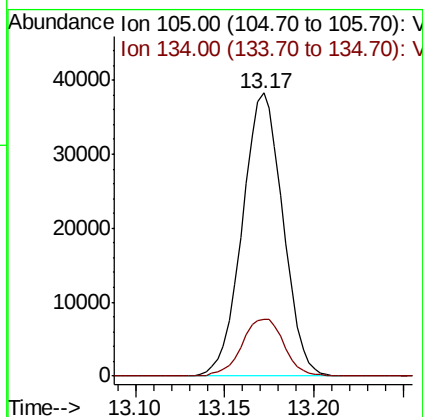
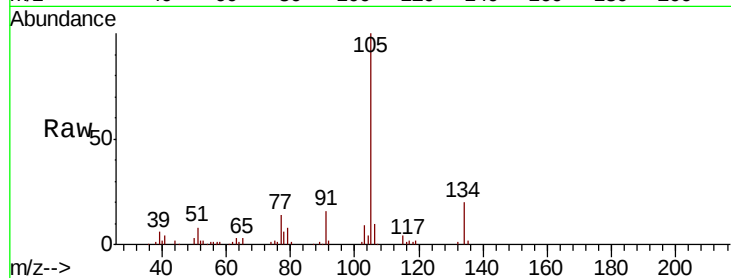




#85
 sec-Butylbenzene
 Concen: 4.920 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

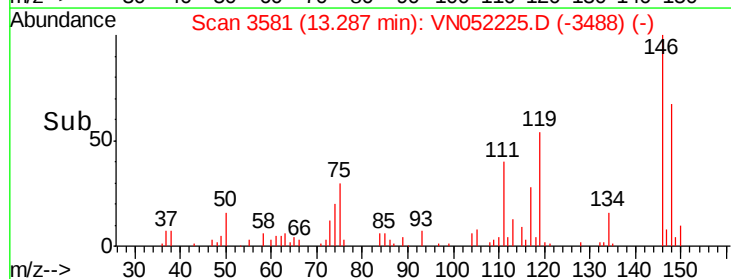
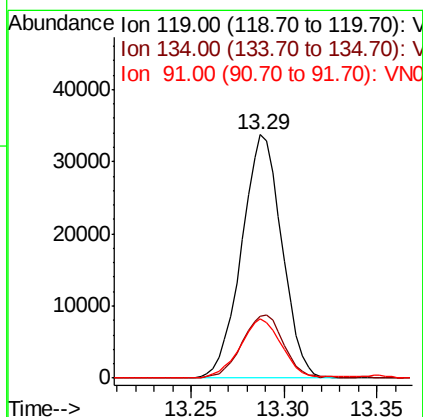
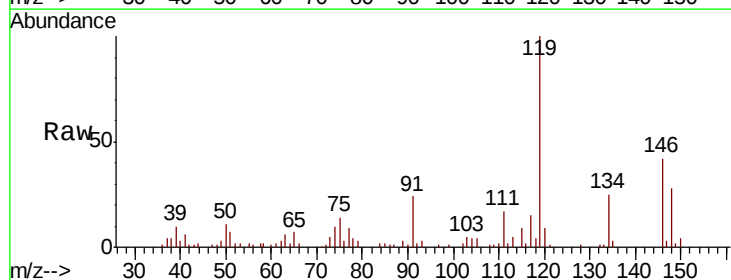
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

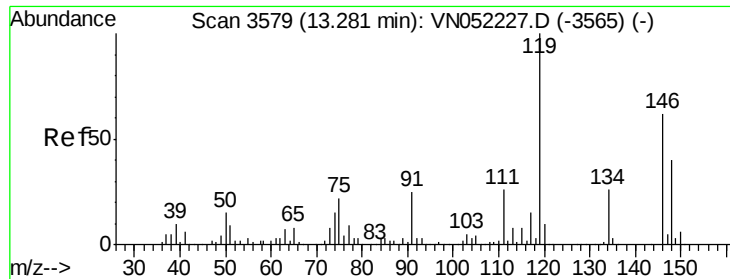
Tgt Ion:105 Resp: 60901
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 4.903 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Tgt Ion:119 Resp: 50777
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 25.4 12.4 37.0

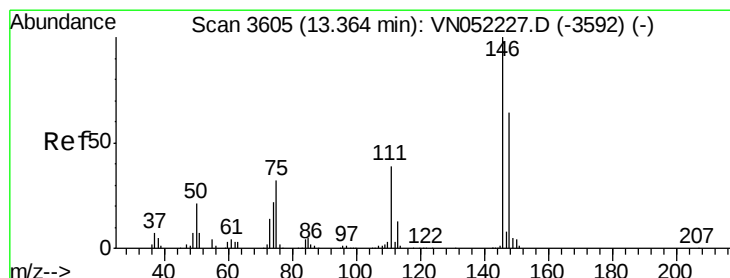
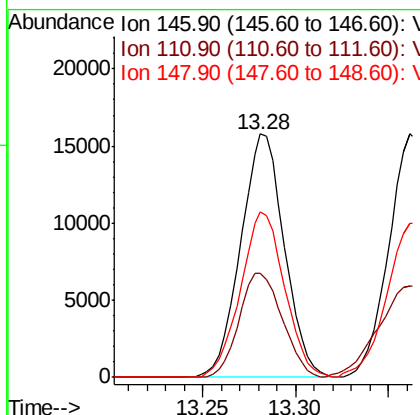
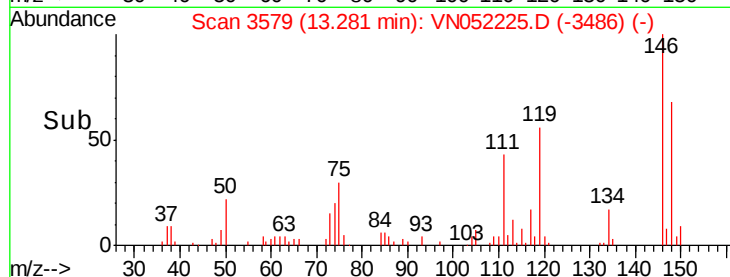
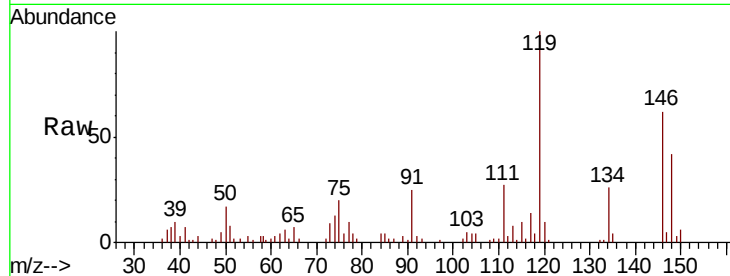




#87
 1,3-Dichlorobenzene
 Concen: 4.851 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

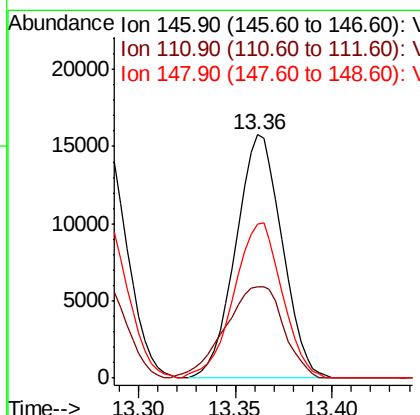
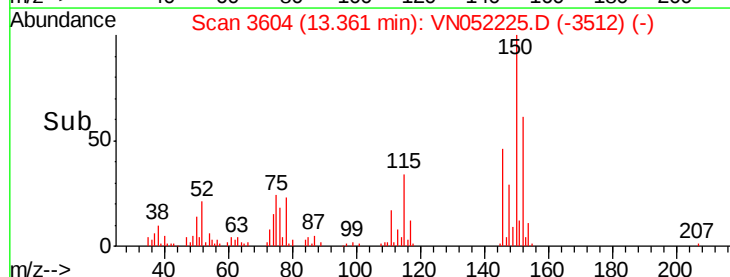
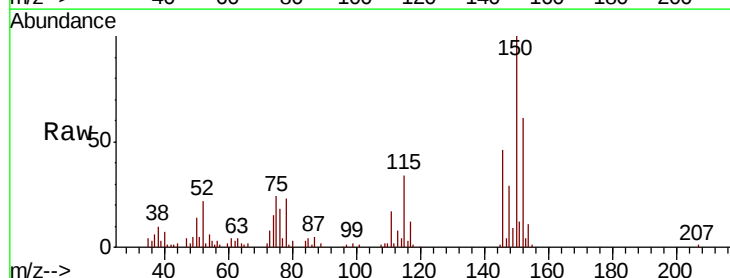
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

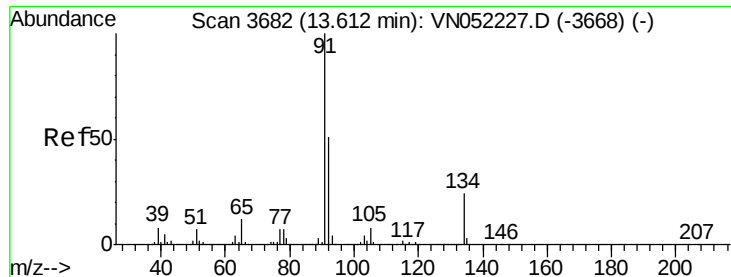
Tgt Ion:146 Resp: 25701
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.1 60.3
 148 68.8 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 4.956 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052225.D
 Acq: 9 Nov 2018 14:06

Tgt Ion:146 Resp: 26287
 Ion Ratio Lower Upper
 146 100
 111 47.4 20.2 60.6
 148 66.2 32.1 96.3

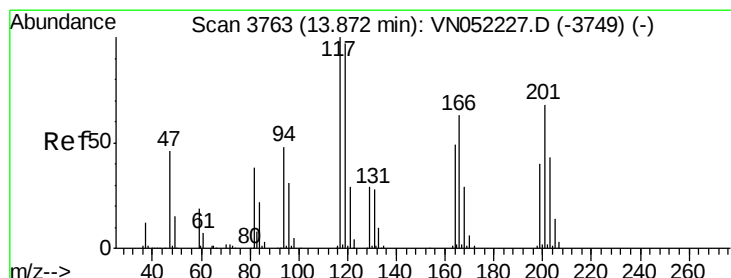
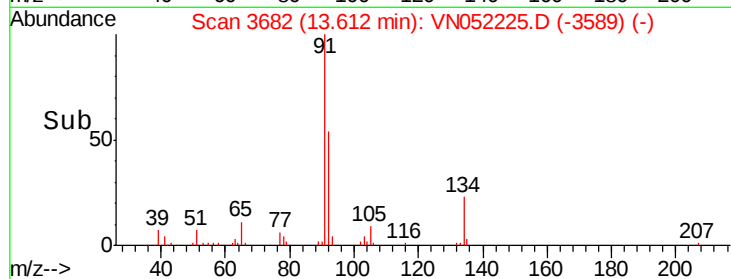
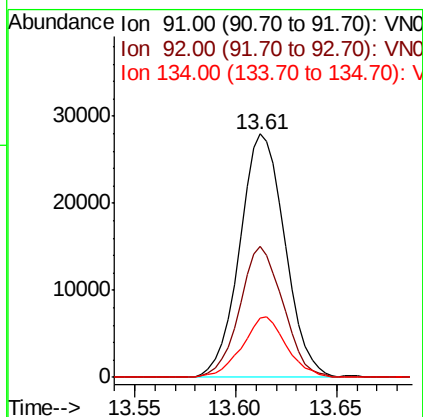
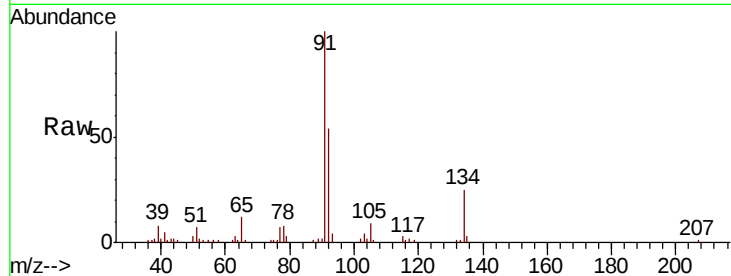




#89
n-Butylbenzene
Concen: 4.755 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

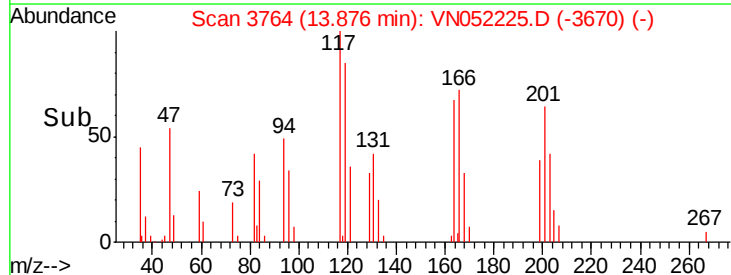
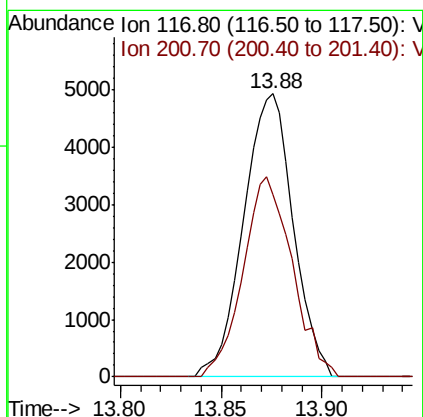
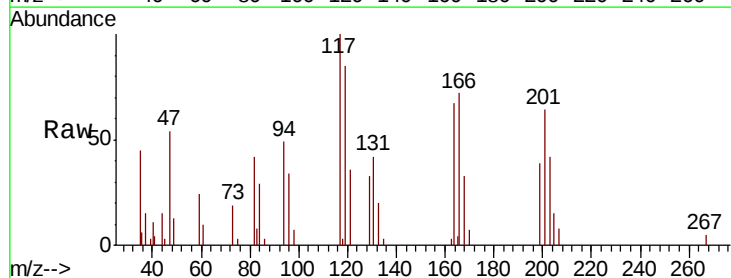
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

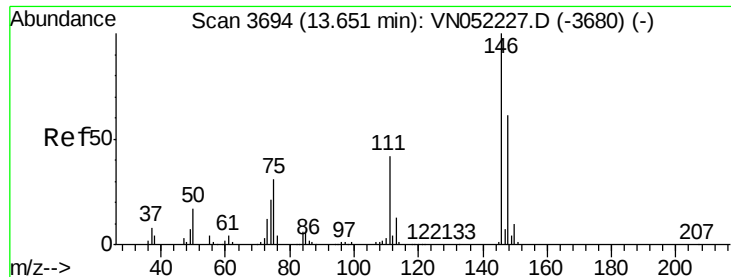
Tgt Ion: 91 Resp: 43853
Ion Ratio Lower Upper
91 100
92 51.5 25.1 75.3
134 24.3 12.0 36.1



#90
Hexachloroethane
Concen: 4.665 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Tgt Ion: 117 Resp: 8480
Ion Ratio Lower Upper
117 100
201 70.0 34.6 103.9





#91

1,2-Dichlorobenzene

Concen: 4.941 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

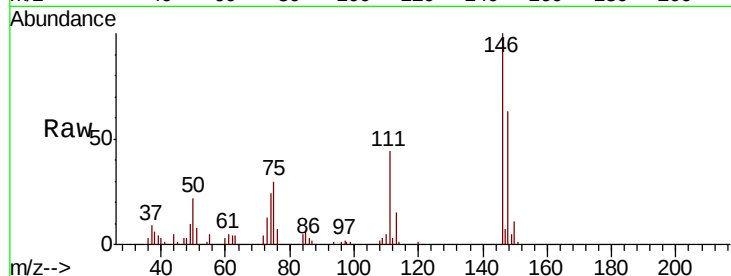
Tgt Ion:146 Resp: 25548

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.3

148 63.6 31.3 93.8

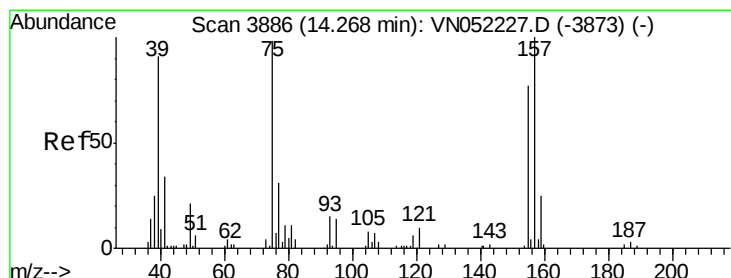
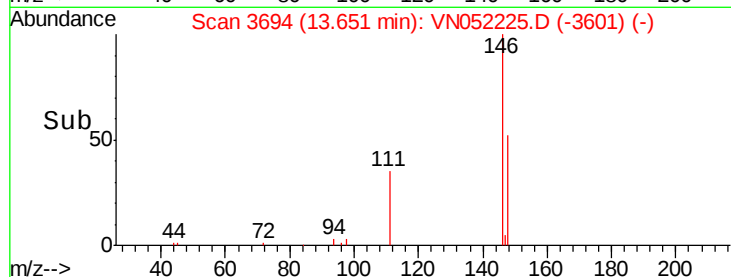
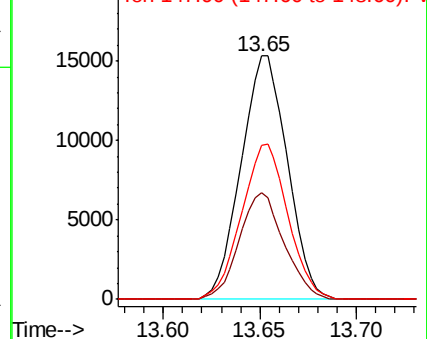


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.180 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

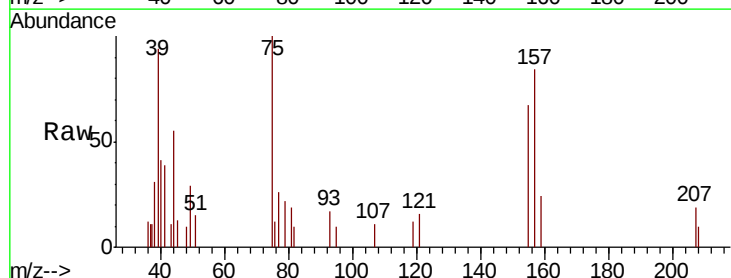
Tgt Ion: 75 Resp: 2347

Ion Ratio Lower Upper

75 100

155 68.3 40.2 120.5

157 90.3 51.7 155.2

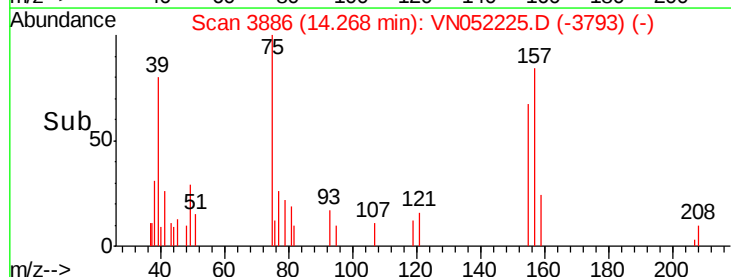
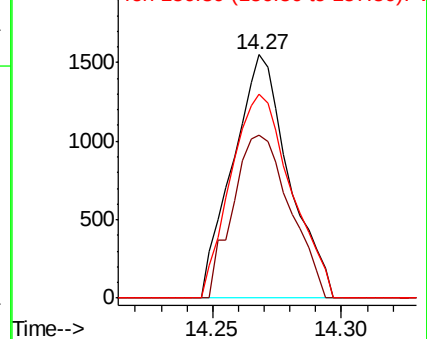


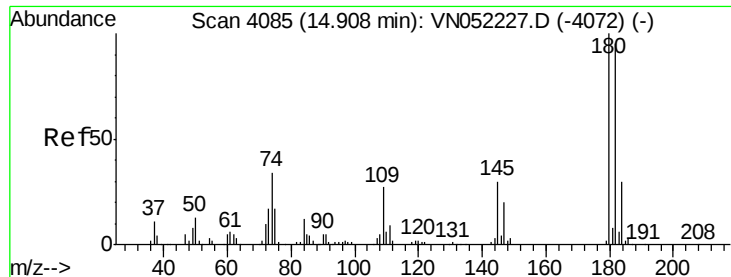
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

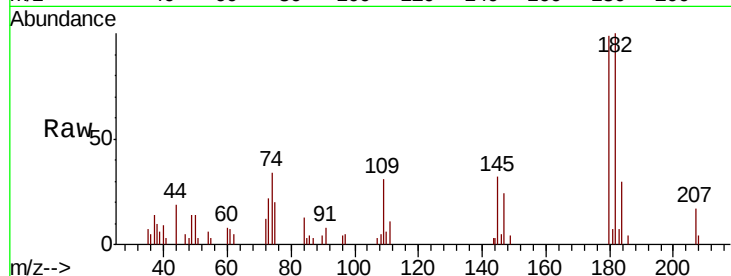




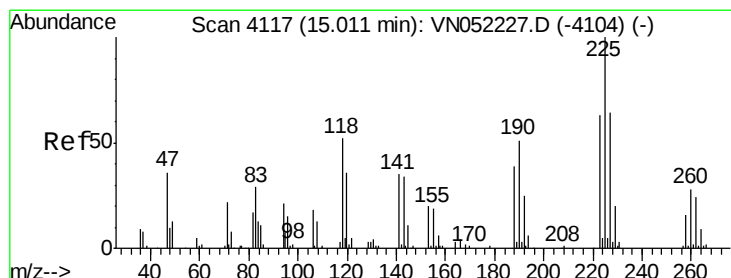
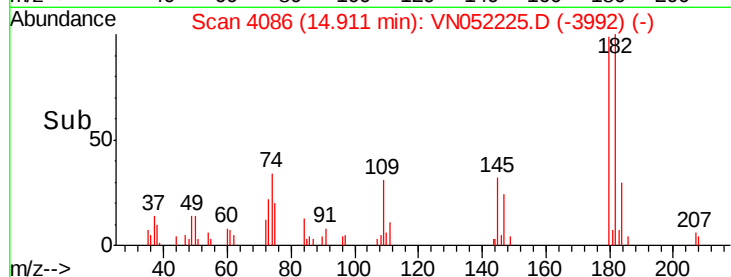
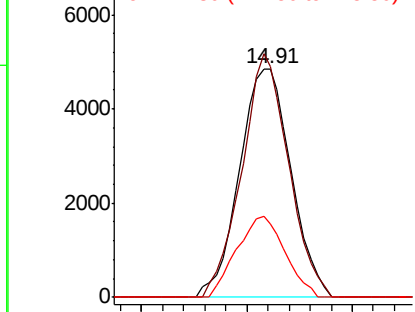
#93
1,2,4-Trichlorobenzene
Concen: 4.029 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 8238
Ion Ratio Lower Upper
180 100
182 96.8 47.3 142.0
145 33.0 15.6 46.8

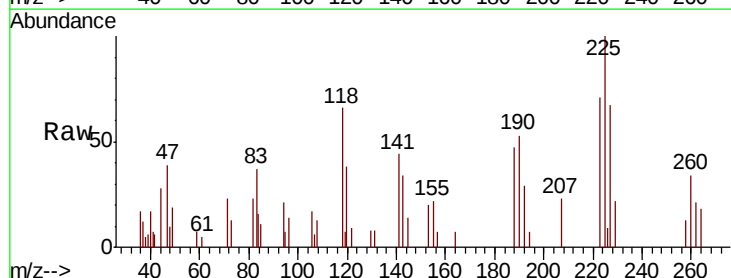


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

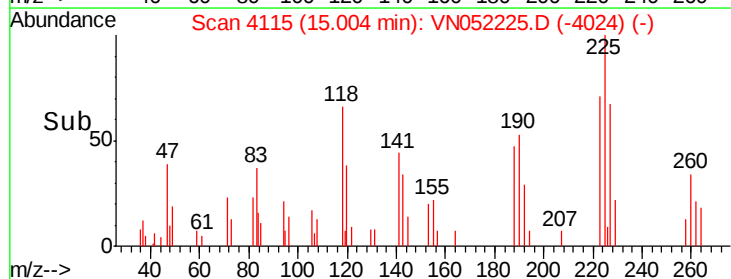
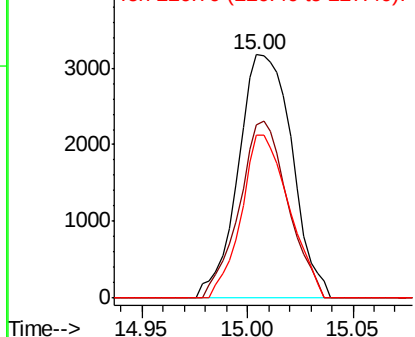


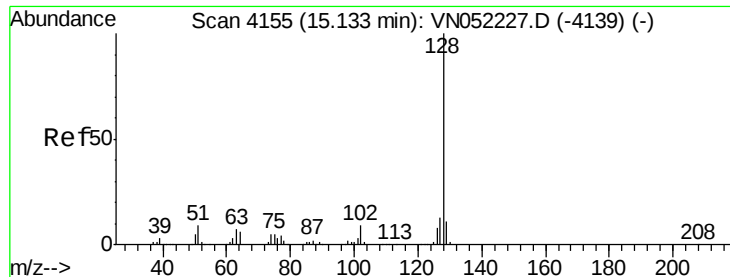
#94
Hexachlorobutadiene
Concen: 5.052 ug/l
RT: 15.00 min Scan# 4115
Delta R.T. -0.01 min
Lab File: VN052225.D
Acq: 9 Nov 2018 14:06

Tgt Ion:225 Resp: 5613
Ion Ratio Lower Upper
225 100
223 65.9 32.1 96.3
227 59.6 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 3.907 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

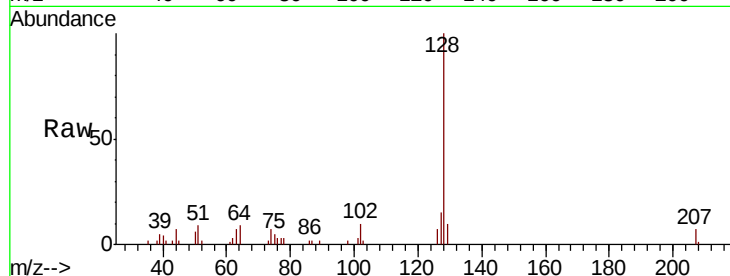
Tgt Ion:128 Resp: 19685

Ion Ratio Lower Upper

128 100

127 14.1 10.6 16.0

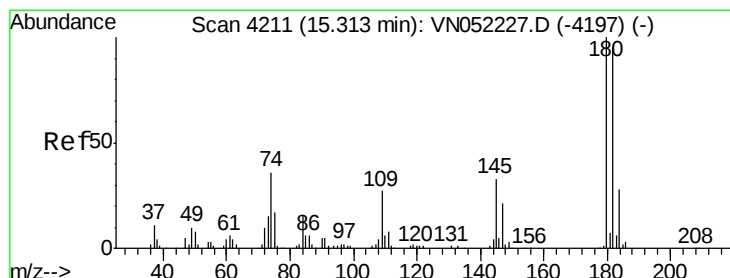
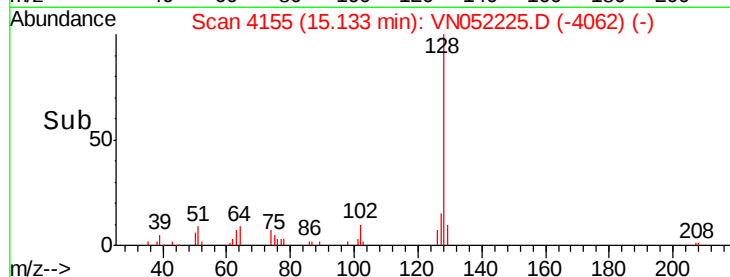
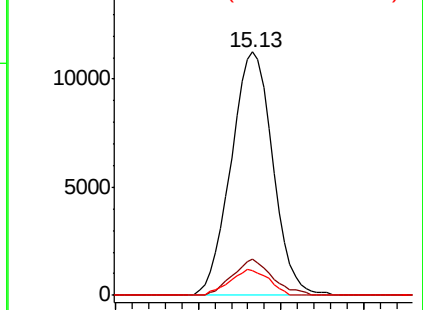
129 9.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.216 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN052225.D

Acq: 9 Nov 2018 14:06

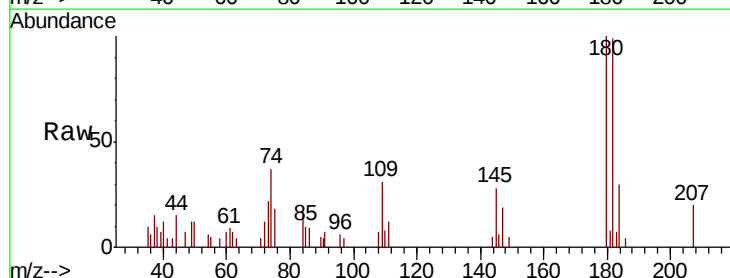
Tgt Ion:180 Resp: 8150

Ion Ratio Lower Upper

180 100

182 96.2 47.7 143.1

145 28.4 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

