

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110918\
 Data File : VN052224.D
 Acq On : 9 Nov 2018 13:39
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Nov 11 23:46:56 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	262942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	458635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	394712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	4677	1.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.60%	
35) Dibromofluoromethane	7.59	113	3138	1.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.12%	
50) Toluene-d8	10.09	98	11859	1.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.04%	
62) 4-Bromofluorobenzene	12.40	95	3532	0.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.88%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.85	85	2937	1.027	ug/l	97
3) Chloromethane	2.06	50	4499	1.127	ug/l	96
4) Vinyl Chloride	2.19	62	3531	1.062	ug/l #	87
5) Bromomethane	2.58	94	2647	1.255	ug/l	98
6) Chloroethane	2.72	64	2518	1.275	ug/l	93
7) Trichlorofluoromethane	3.02	101	5512	1.191	ug/l	95
8) Diethyl Ether	3.42	74	2227	1.223	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1686	0.566	ug/l #	35
10) Methyl Iodide	3.96	142	3617	0.939	ug/l #	78
11) Tert butyl alcohol	4.77	59	321	1.787	ug/l #	71
12) 1,1-Dichloroethene	3.74	96	3094	1.126	ug/l	93
13) Acrolein	3.61	56	602	2.424	ug/l #	80
14) Allyl chloride	4.32	41	6991	1.215	ug/l #	80
15) Acrylonitrile	4.99	53	5659	4.995	ug/l	95
16) Acetone	3.82	43	6534	5.923	ug/l	93
17) Carbon Disulfide	4.06	76	8914	1.118	ug/l #	80
18) Methyl Acetate	4.32	43	2344	0.827	ug/l	96
19) Methyl tert-butyl Ether	5.04	73	8116	1.033	ug/l	91
20) Methylene Chloride	4.56	84	2601	0.854	ug/l #	84
21) trans-1,2-Dichloroethene	5.04	96	3325	1.113	ug/l #	73
22) Diisopropyl ether	5.94	45	6177	0.533	ug/l #	65
23) Vinyl Acetate	5.90	43	39031	4.930	ug/l	98
24) 1,1-Dichloroethane	5.84	63	3483	0.572	ug/l #	92
25) 2-Butanone	6.84	43	9155	5.968	ug/l	98
26) 2,2-Dichloropropane	6.82	77	5413	1.216	ug/l	82
27) cis-1,2-Dichloroethene	6.83	96	3547	1.061	ug/l	92
28) Bromochloromethane	7.19	49	3016	1.002	ug/l #	94
29) Tetrahydrofuran	7.21	42	3279	3.326	ug/l #	55
30) Chloroform	7.38	83	6653	1.154	ug/l	91
31) Cyclohexane	7.66	56	13244	1.873	ug/l #	51
32) 1,1,1-Trichloroethane	7.57	97	4979	1.059	ug/l #	40
36) 1,1-Dichloropropene	7.80	75	5363	1.159	ug/l	96
37) Ethyl Acetate	6.94	43	4470	1.309	ug/l #	86
38) Carbon Tetrachloride	7.77	117	4400	1.049	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	5616	1.064	ug/l	94
40) Benzene	8.04	78	14934	1.127	ug/l	97
41) Methacrylonitrile	7.17	41	2540	1.410	ug/l #	66
42) 1,2-Dichloroethane	8.13	62	5718	1.230	ug/l	82
43) Isopropyl Acetate	8.17	43	6469	1.066	ug/l #	86
44) Trichloroethene	8.84	130	3997	1.203	ug/l	95
45) 1,2-Dichloropropane	9.12	63	4299	1.161	ug/l #	81
46) Dibromomethane	9.21	93	2286	1.075	ug/l	93
47) Bromodichloromethane	9.40	83	5103	1.158	ug/l #	98
48) Methyl methacrylate	9.19	41	3658	1.144	ug/l	92
49) 1,4-Dioxane	9.19	88	649	25.247	ug/l #	70
51) 4-Methyl-2-Pentanone	9.98	43	18153	5.416	ug/l	99
52) Toluene	10.16	92	8711	1.090	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	4193	0.964	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	5353	1.043	ug/l	99
55) 1,1,2-Trichloroethane	10.57	97	3294	1.140	ug/l	97
56) Ethyl methacrylate	10.43	69	4337	1.110	ug/l #	91
57) 1,3-Dichloropropane	10.71	76	6005	1.161	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.69	63	9705	4.488	ug/l	98
59) 2-Hexanone	10.75	43	12888	5.478	ug/l	99
60) Dibromochloromethane	10.90	129	2683	0.915	ug/l	91
61) 1,2-Dibromoethane	11.00	107	3098	1.091	ug/l	95
64) Tetrachloroethene	10.63	164	3287	1.189	ug/l	91
65) Chlorobenzene	11.43	112	9481	1.134	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.51	131	2964	1.046	ug/l #	59
67) Ethyl Benzene	11.51	91	16173	1.099	ug/l	92
68) m/p-Xylenes	11.62	106	12062	2.202	ug/l	96
69) o-Xylene	11.95	106	5271	1.007	ug/l	100
70) Styrene	11.96	104	8523	1.008	ug/l	97
71) Bromoform	12.13	173	1591	0.941	ug/l #	98
73) Isopropylbenzene	12.25	105	13809	1.122	ug/l	96
74) N-amyl acetate	12.07	43	4806	1.076	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	3637	1.206	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	4335	1.795	ug/l #	100
77) Bromobenzene	12.53	156	3432	1.192	ug/l	97
78) n-propylbenzene	12.59	91	16405	1.138	ug/l	94
79) 2-Chlorotoluene	12.67	91	9751	1.168	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	10946	1.119	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.30	75	756	0.969	ug/l #	22
82) 4-Chlorotoluene	12.77	91	9205	1.099	ug/l	100
83) tert-Butylbenzene	12.99	119	9839	1.152	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	10871	1.102	ug/l	99
85) sec-Butylbenzene	13.17	105	12748	1.088	ug/l	99
86) p-Isopropyltoluene	13.29	119	10286	1.050	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	5807	1.158	ug/l	98
88) 1,4-Dichlorobenzene	13.28	146	5807	1.157	ug/l	98
89) n-Butylbenzene	13.61	91	8868	1.016	ug/l	97
90) Hexachloroethane	13.86	117	1879	1.092	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	5850	1.196	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	440	1.026	ug/l #	70

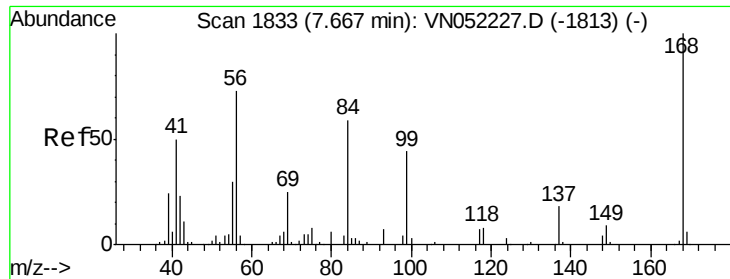
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110918\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1464	0.757	ug/l	91
94) Hexachlorobutadiene	15.00	225	1130	1.075	ug/l	95
95) Naphthalene	15.13	128	4037	0.847	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.31	180	1738	0.950	ug/l	91

(#) = 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: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

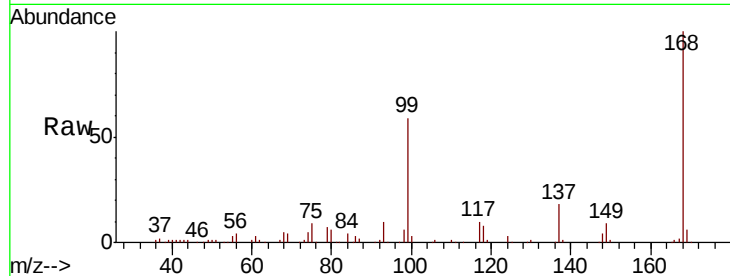
VSTDIC001

Tgt Ion:168 Resp: 262942

Ion Ratio Lower Upper

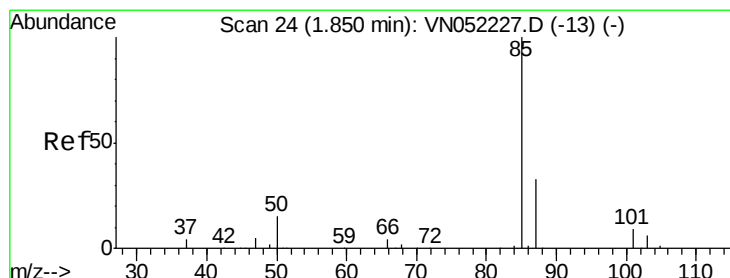
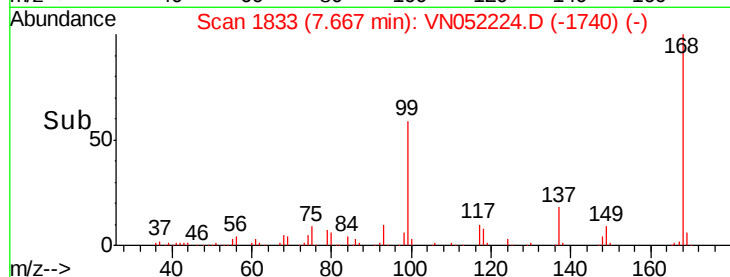
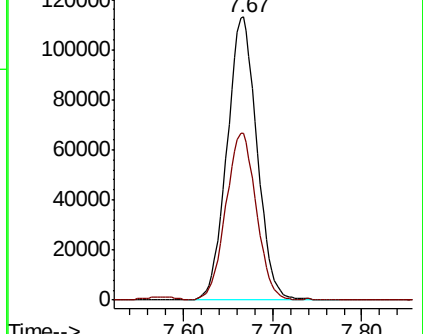
168 100

99 58.8 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 1.027 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052224.D

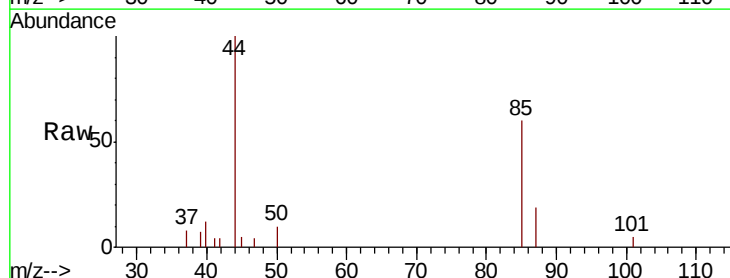
Acq: 9 Nov 2018 13:39

Tgt Ion: 85 Resp: 2937

Ion Ratio Lower Upper

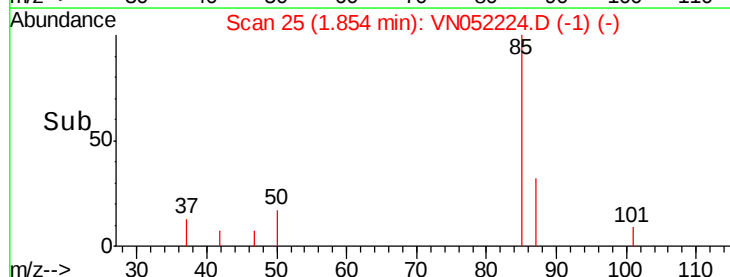
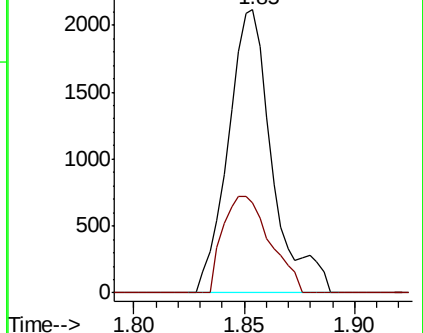
85 100

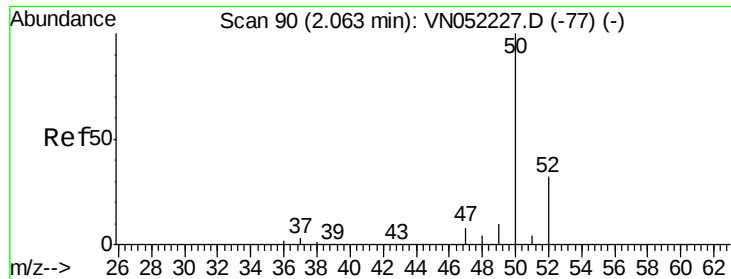
87 31.7 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 1.127 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

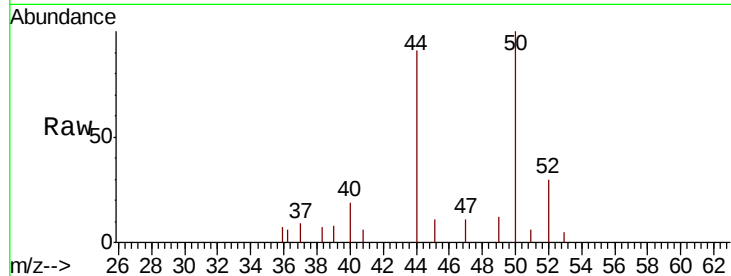
VSTDIC001

Tgt Ion: 50 Resp: 4499

Ion Ratio Lower Upper

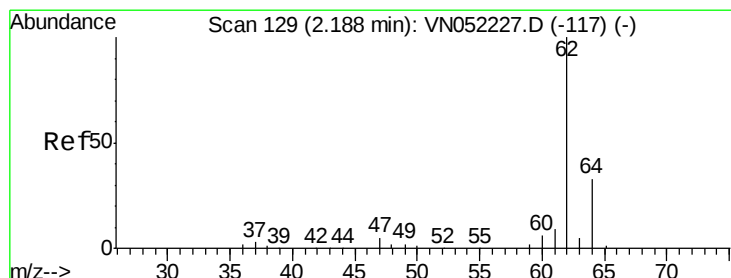
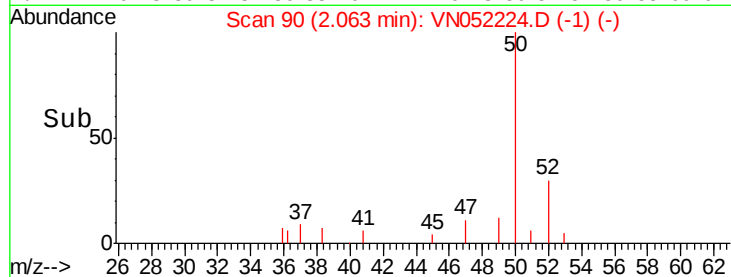
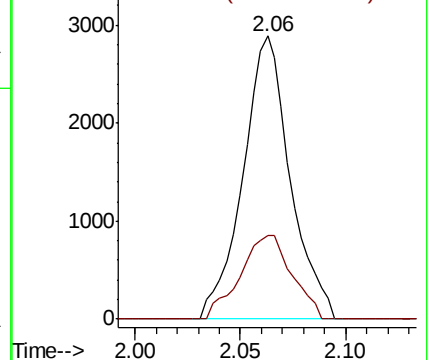
50 100

52 29.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 1.062 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN052224.D

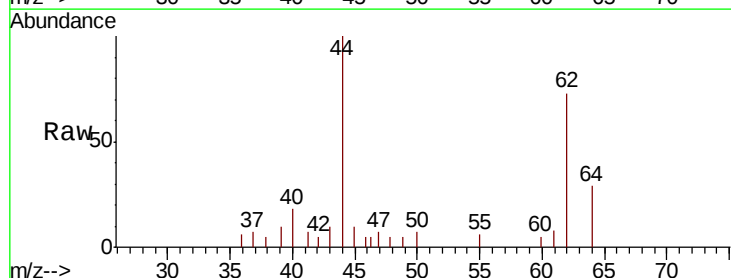
Acq: 9 Nov 2018 13:39

Tgt Ion: 62 Resp: 3531

Ion Ratio Lower Upper

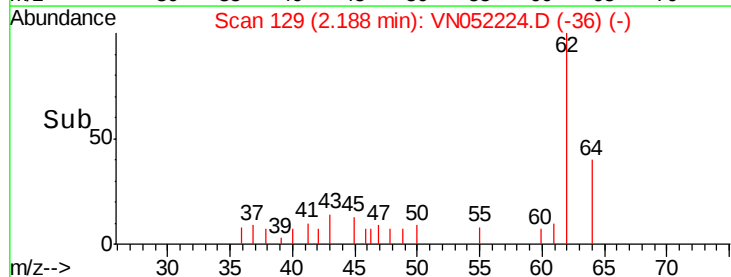
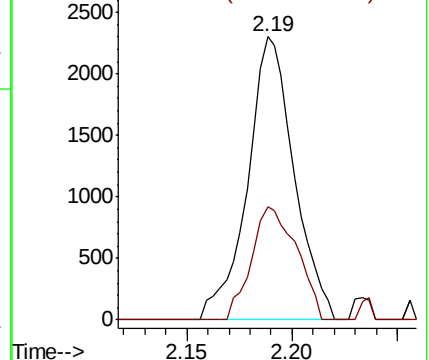
62 100

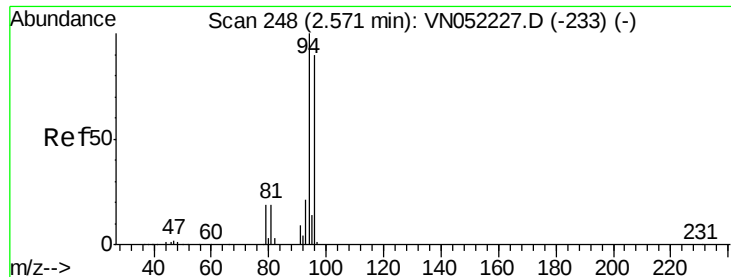
64 40.1 26.1 39.1#



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 1.255 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

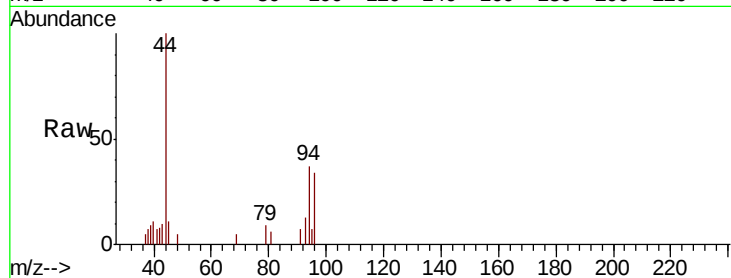
VSTDIC001

Tgt Ion: 94 Resp: 2647

Ion Ratio Lower Upper

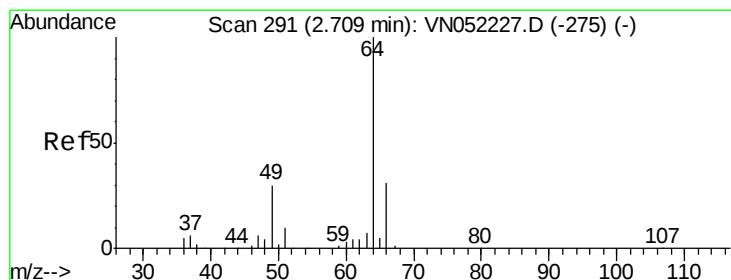
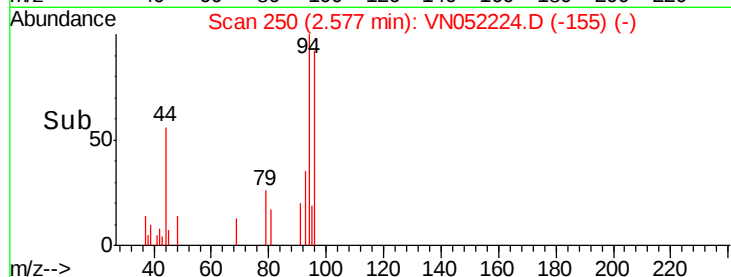
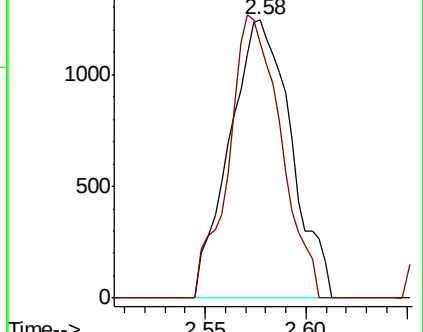
94 100

96 91.7 71.8 107.8



Abundance Ion 93.90 (93.60 to 94.60): VN052224.D (-155) (-)

Ion 95.90 (95.60 to 96.60): VN052224.D (-155) (-)



#6

Chloroethane

Concen: 1.275 ug/l

RT: 2.72 min Scan# 293

Delta R.T. 0.01 min

Lab File: VN052224.D

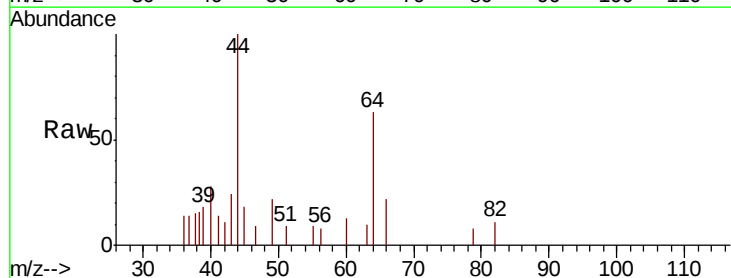
Acq: 9 Nov 2018 13:39

Tgt Ion: 64 Resp: 2518

Ion Ratio Lower Upper

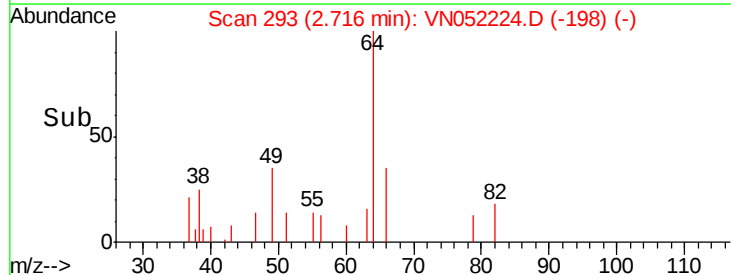
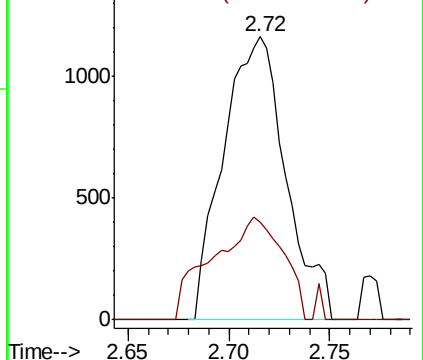
64 100

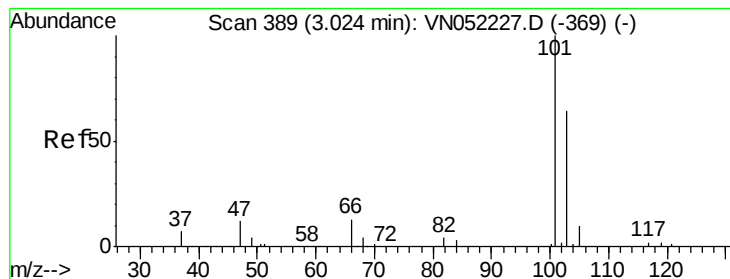
66 34.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN052224.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN052224.D (-198) (-)





#7

Trichlorofluoromethane

Concen: 1.191 ug/l

RT: 3.02 min Scan# 389

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

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ClientSampleId :

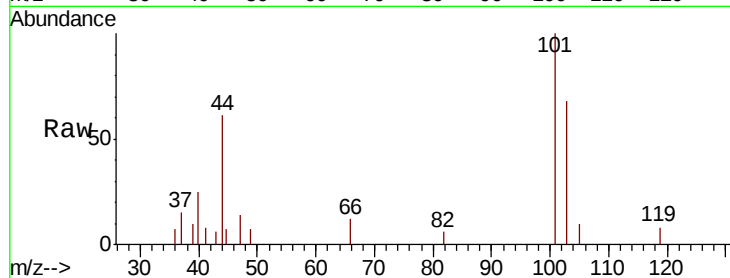
VSTDIC001

Tgt Ion: 101 Resp: 5512

Ion Ratio Lower Upper

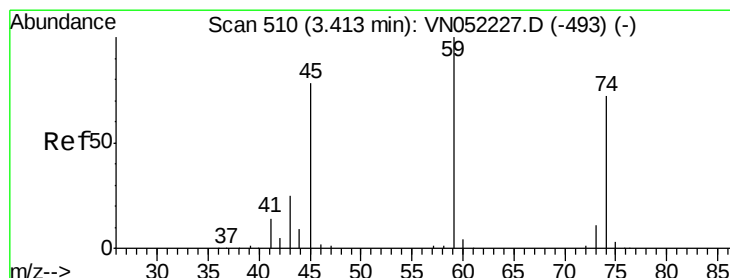
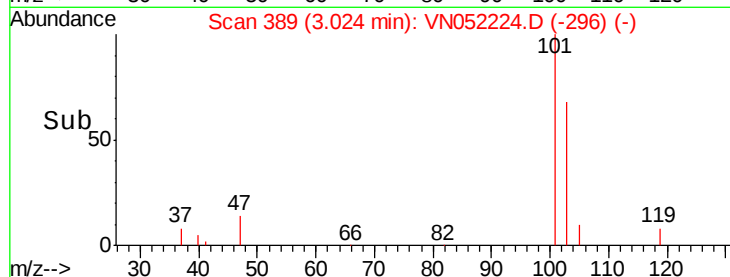
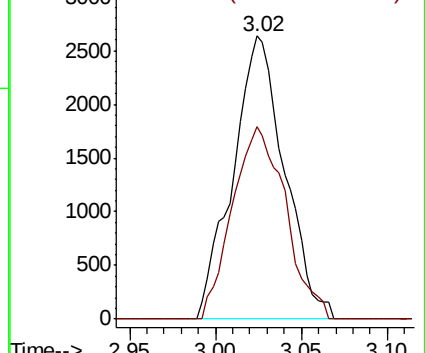
101 100

103 68.2 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: 1.223 ug/l

RT: 3.42 min Scan# 512

Delta R.T. 0.01 min

Lab File: VN052224.D

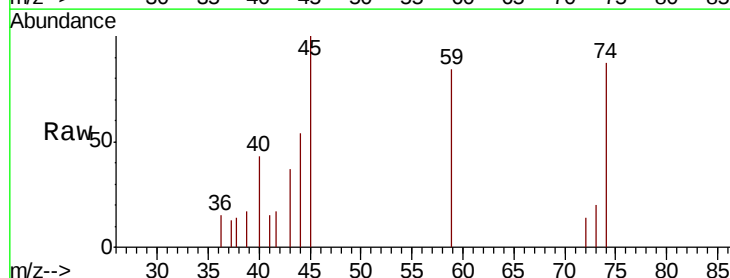
Acq: 9 Nov 2018 13:39

Tgt Ion: 74 Resp: 2227

Ion Ratio Lower Upper

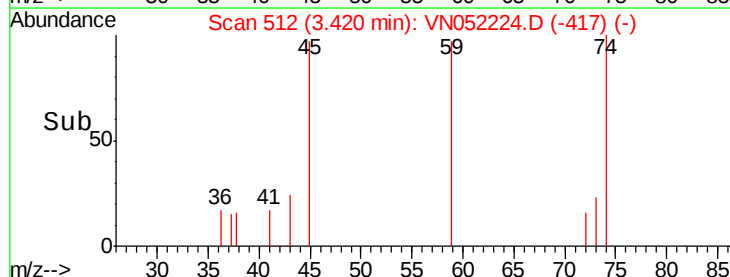
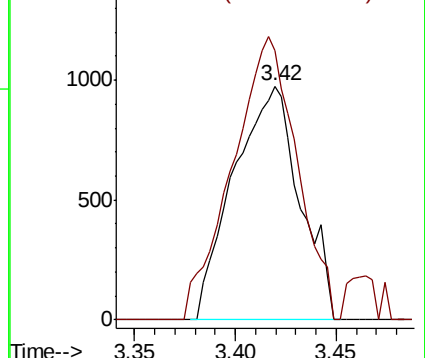
74 100

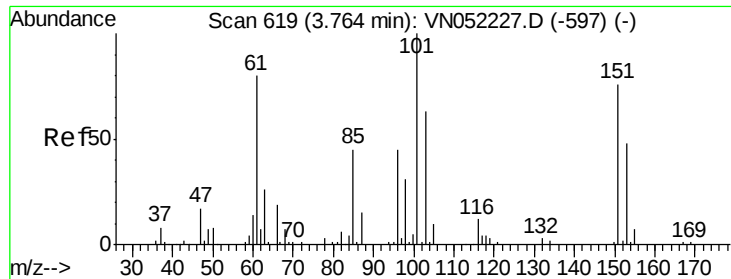
45 118.1 55.5 166.7



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: 0.566 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.01 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

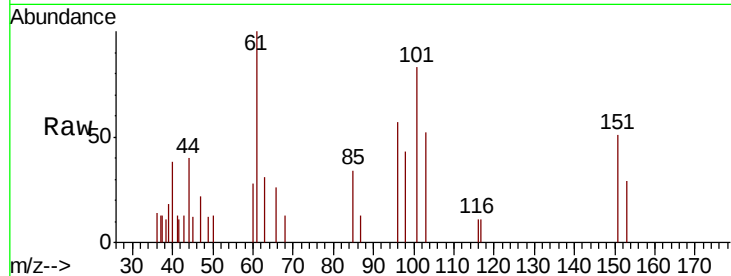
Tgt Ion:101 Resp: 1686

Ion Ratio Lower Upper

101 100

85 61.2 36.2 54.4#

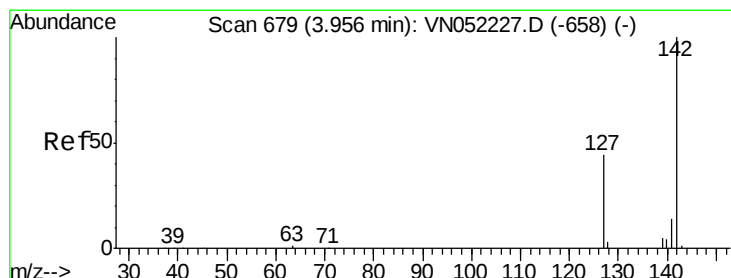
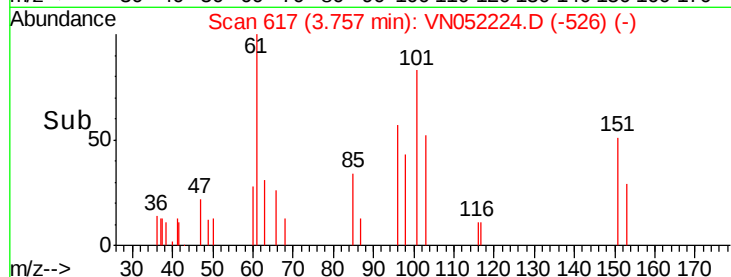
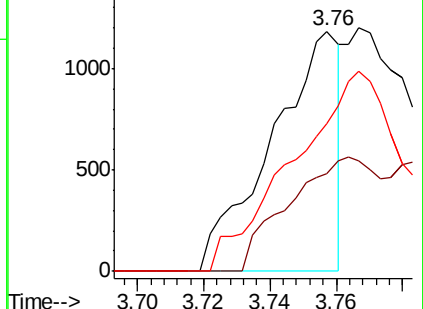
151 150.6 59.2 88.8#



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: 0.939 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

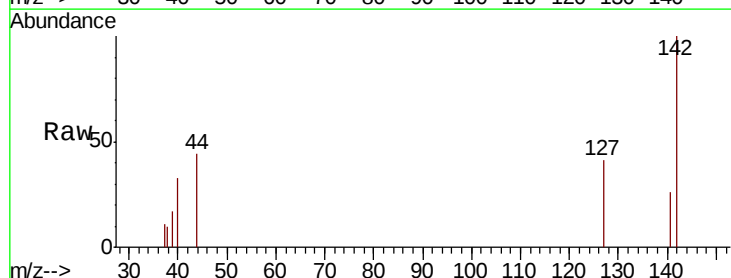
Tgt Ion:142 Resp: 3617

Ion Ratio Lower Upper

142 100

127 26.2 35.3 52.9#

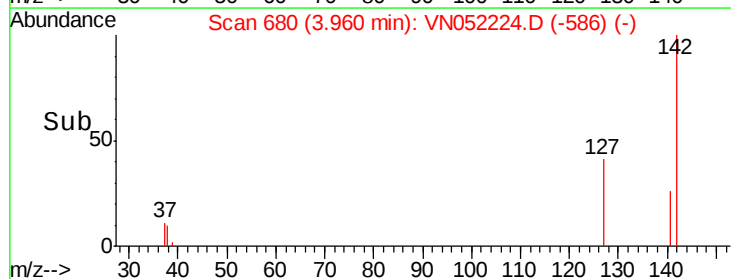
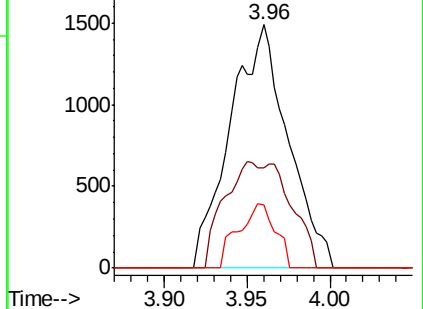
141 16.8 11.8 17.6

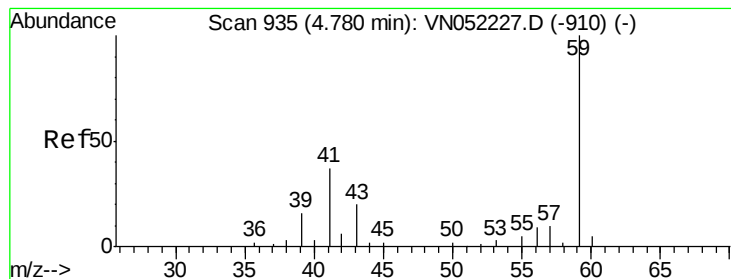


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



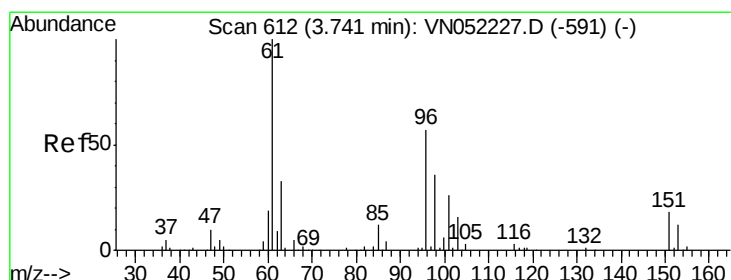
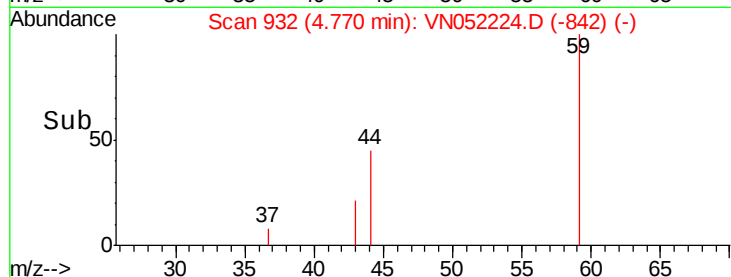
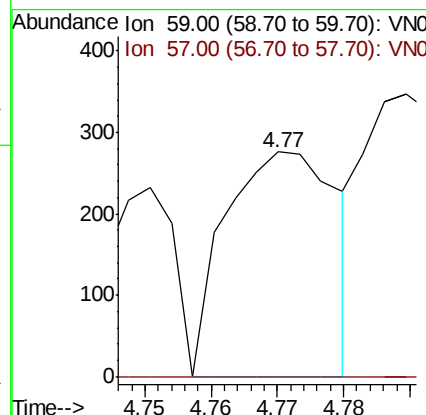
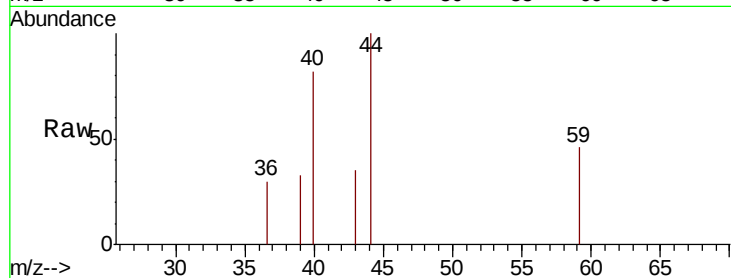


#11

Tert butyl alcohol
 Concen: 1.787 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

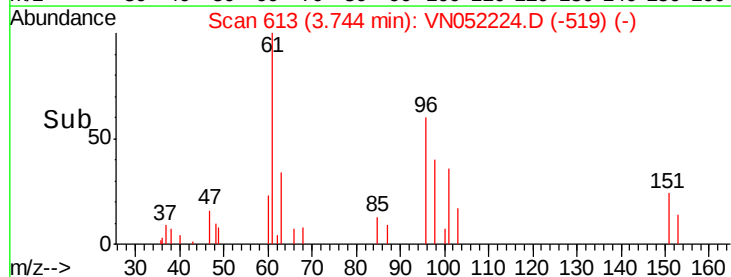
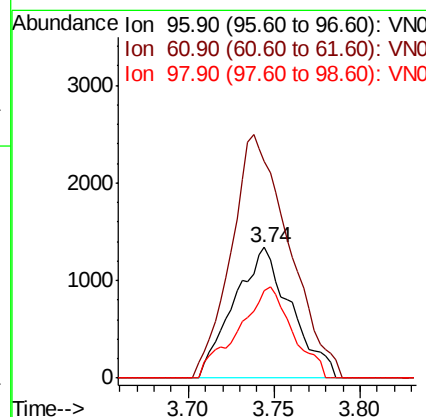
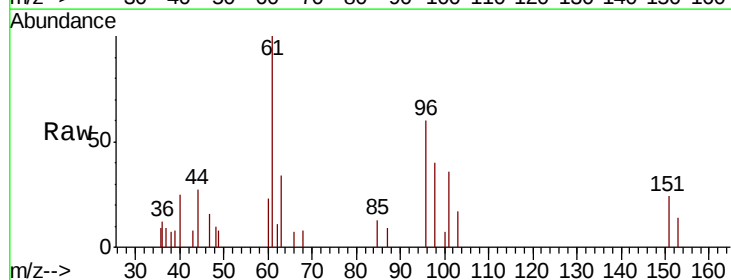
Tgt Ion: 59 Resp: 321
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

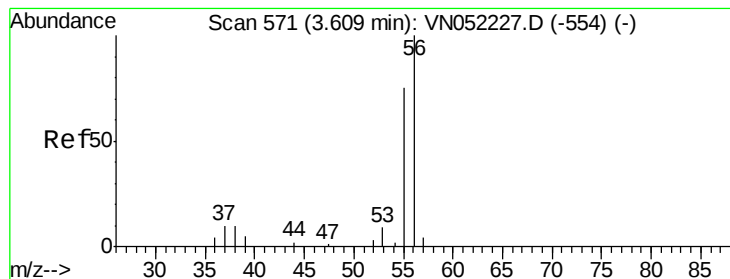


#12

1,1-Dichloroethene
 Concen: 1.126 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

Tgt Ion: 96 Resp: 3094
 Ion Ratio Lower Upper
 96 100
 61 166.5 141.1 211.7
 98 66.9 50.3 75.5





#13

Acrolein

Concen: 2.424 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

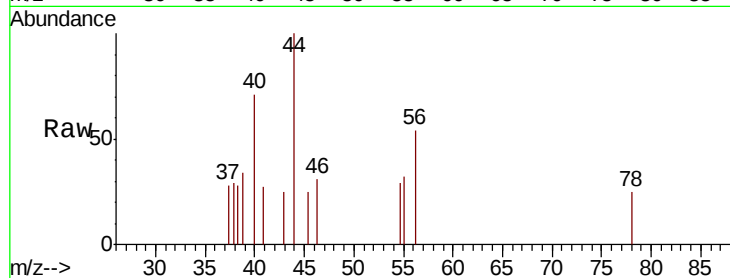
VSTDIC001

Tgt Ion: 56 Resp: 602

Ion Ratio Lower Upper

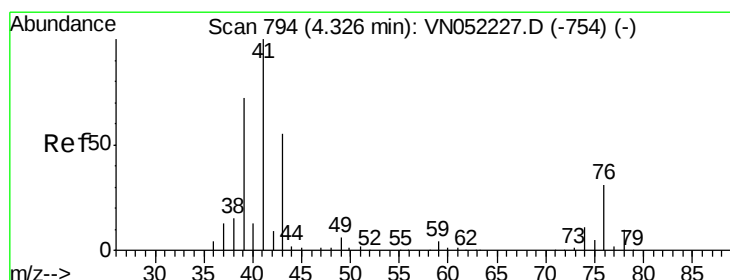
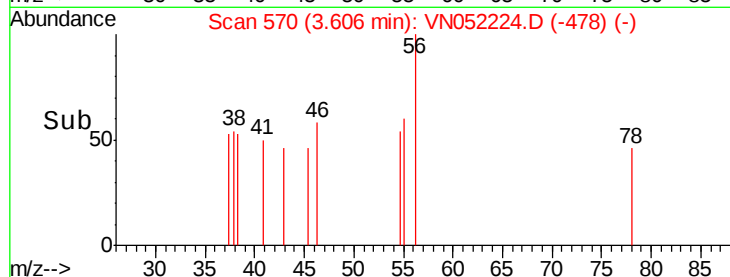
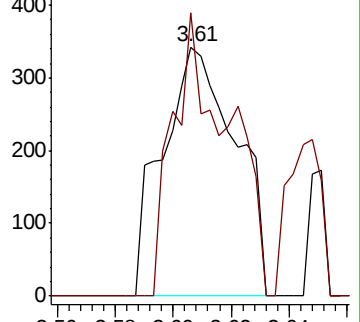
56 100

55 57.8 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: 1.215 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

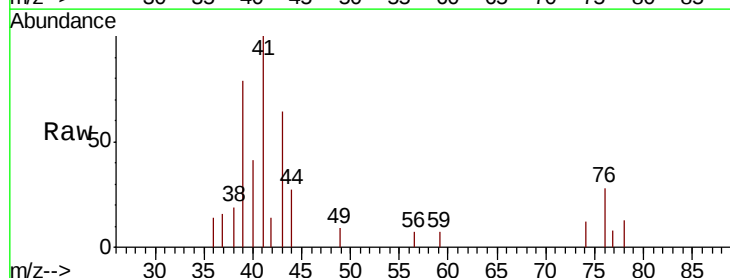
Tgt Ion: 41 Resp: 6991

Ion Ratio Lower Upper

41 100

39 56.5 55.1 82.7

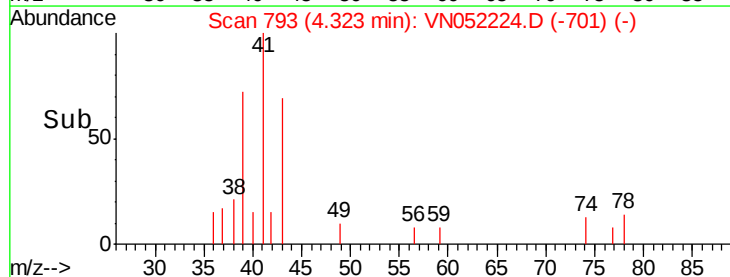
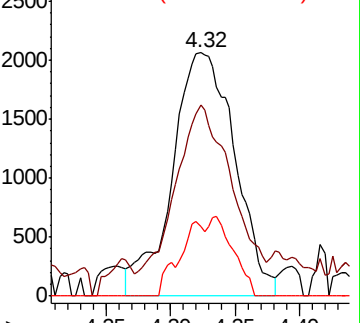
76 12.5 23.6 35.4#

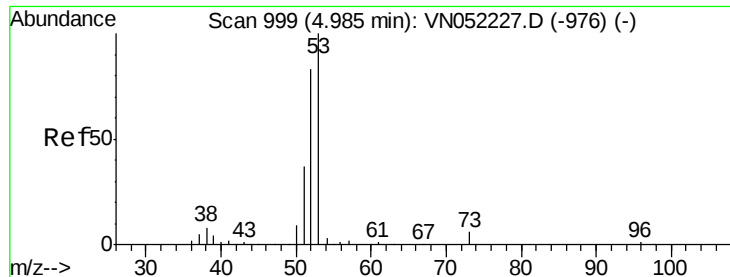


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 4.995 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

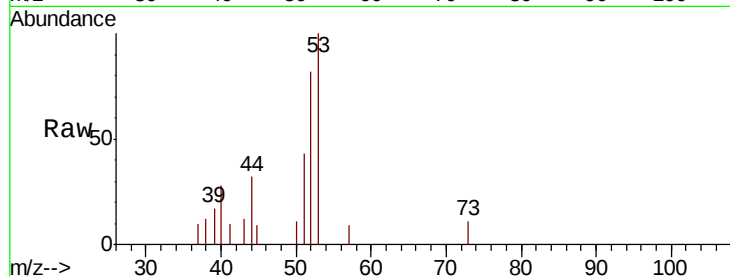
Tgt Ion: 53 Resp: 5659

Ion Ratio Lower Upper

53 100

52 89.7 66.7 100.1

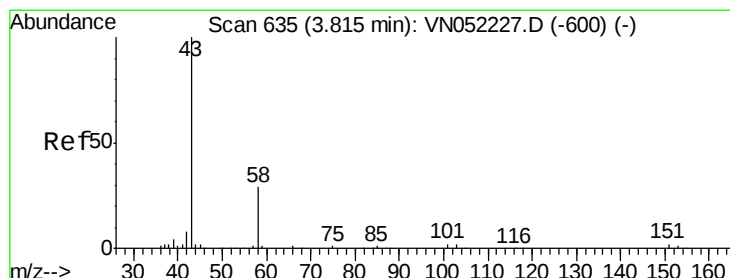
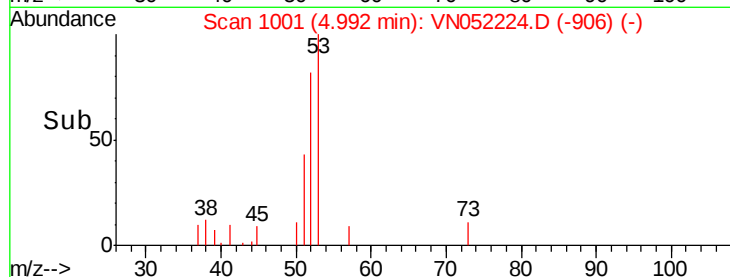
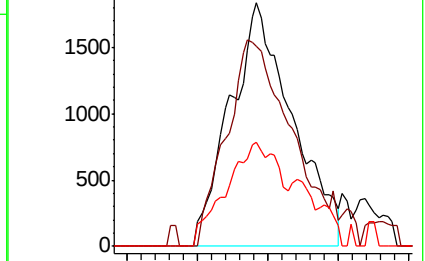
51 36.5 29.4 44.0



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: 5.923 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052224.D

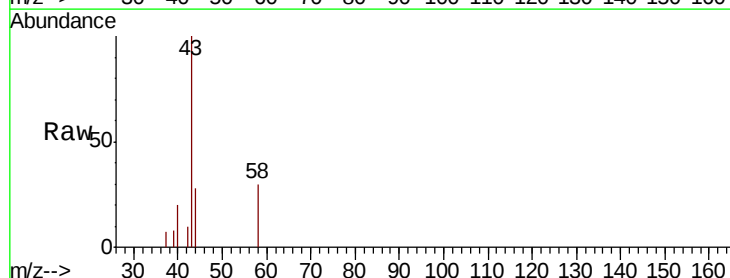
Acq: 9 Nov 2018 13:39

Tgt Ion: 43 Resp: 6534

Ion Ratio Lower Upper

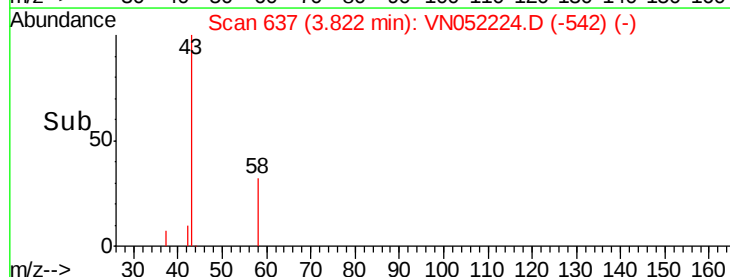
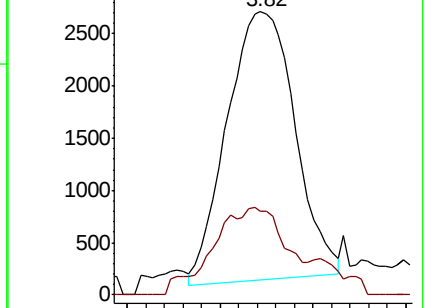
43 100

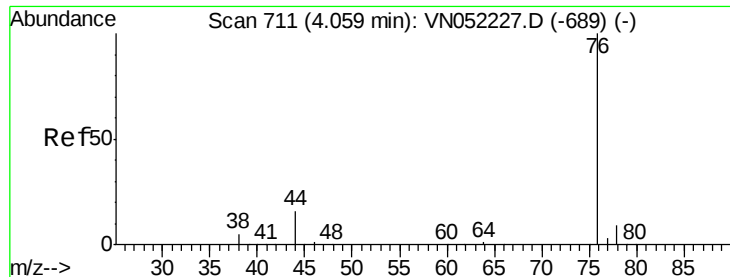
58 25.1 23.0 34.6



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: 1.118 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

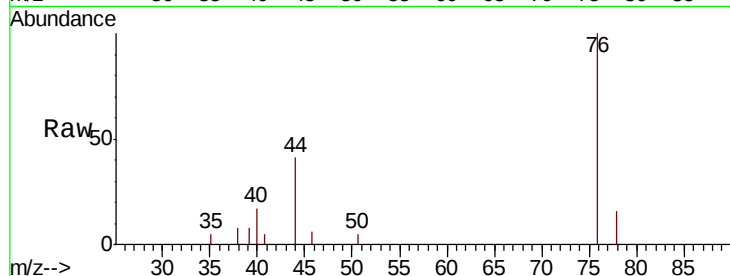
VSTDIC001

Tgt Ion: 76 Resp: 8914

Ion Ratio Lower Upper

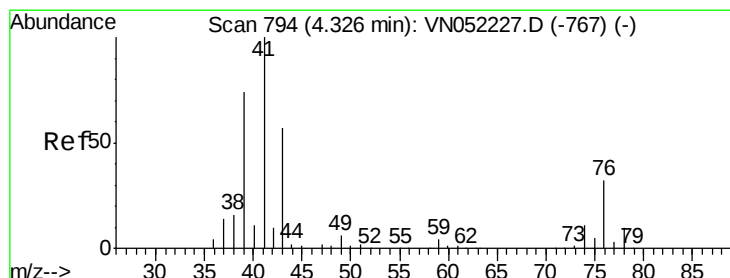
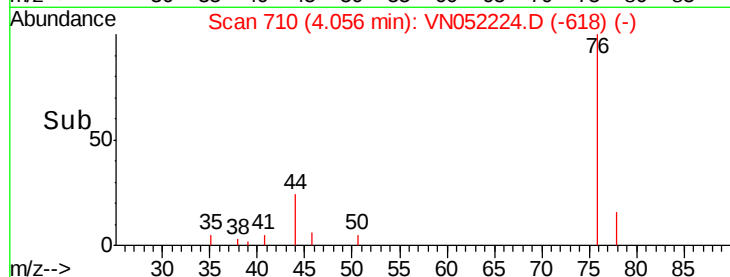
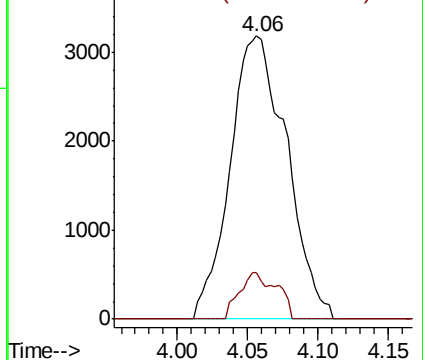
76 100

78 16.3 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: 0.827 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN052224.D

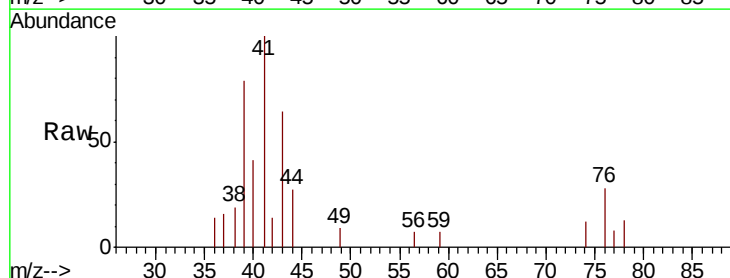
Acq: 9 Nov 2018 13:39

Tgt Ion: 43 Resp: 2344

Ion Ratio Lower Upper

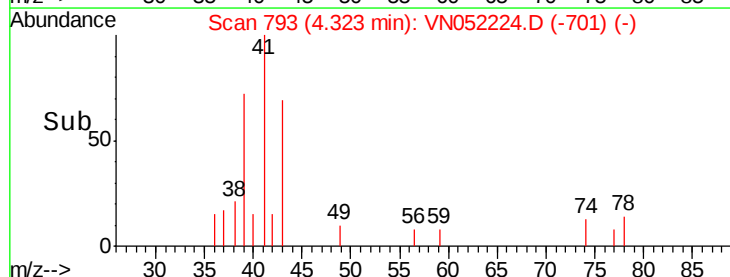
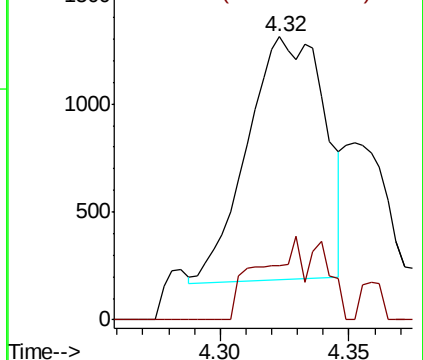
43 100

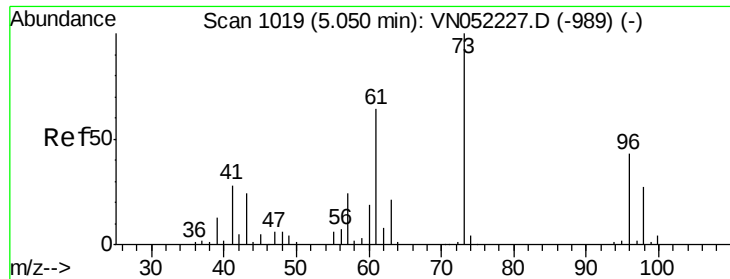
74 18.6 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

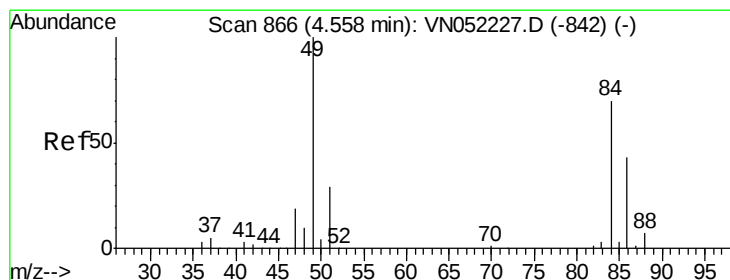
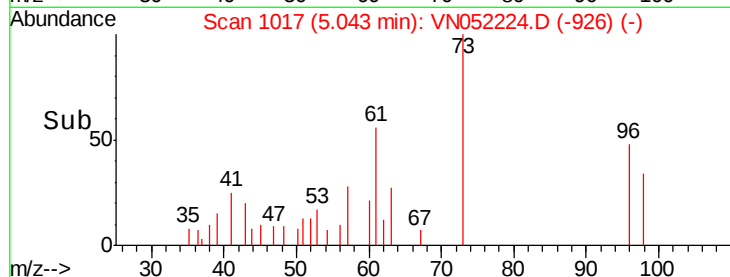
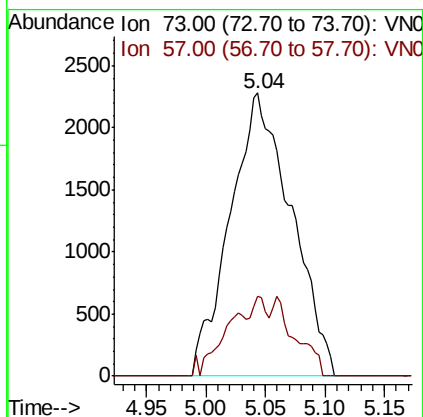
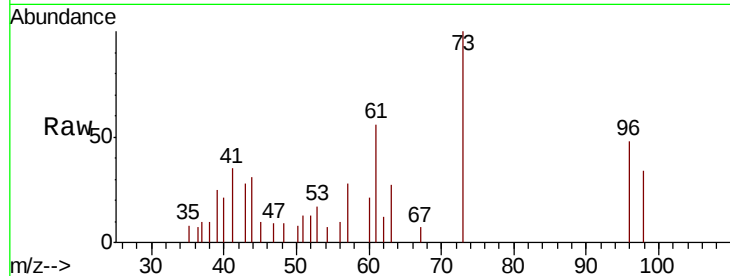




#19
Methyl tert-butyl Ether
Concen: 1.033 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

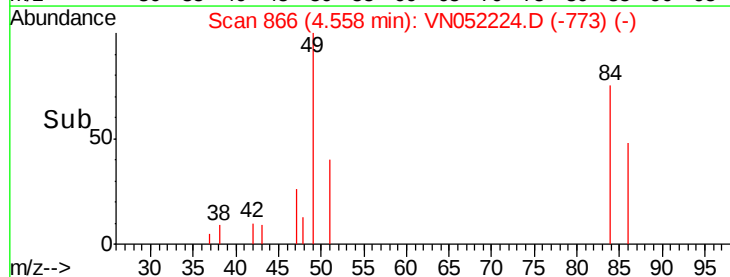
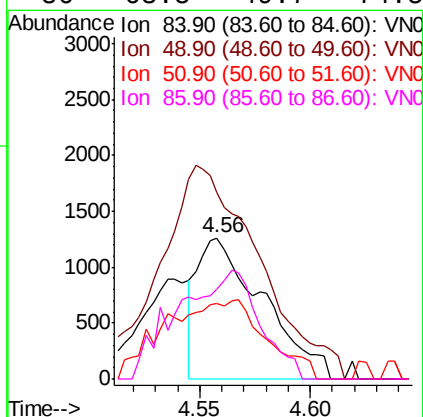
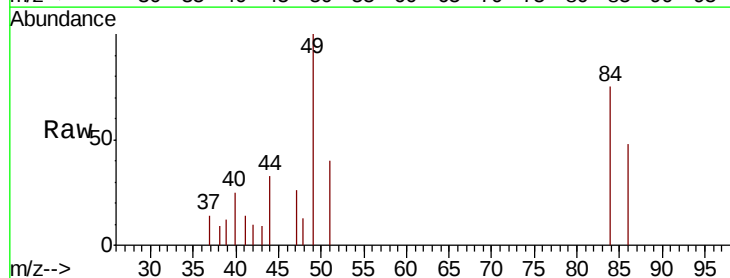
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

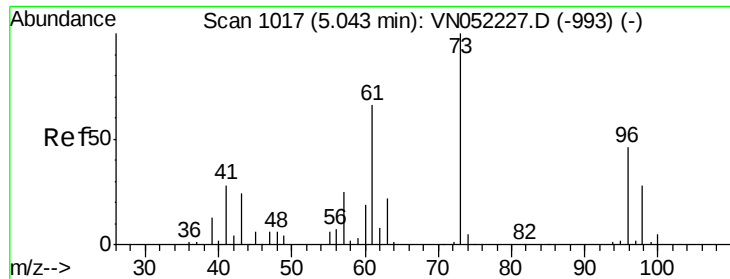
Tgt Ion: 73 Resp: 8116
Ion Ratio Lower Upper
73 100
57 28.4 19.1 28.7



#20
Methylene Chloride
Concen: 0.854 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Tgt Ion: 84 Resp: 2601
Ion Ratio Lower Upper
84 100
49 116.8 114.8 172.2
51 53.4 33.1 49.7#
86 63.5 49.7 74.5

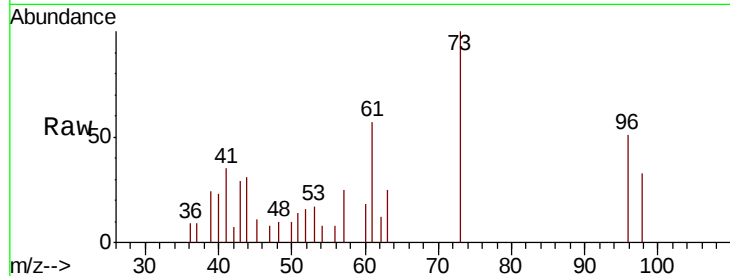




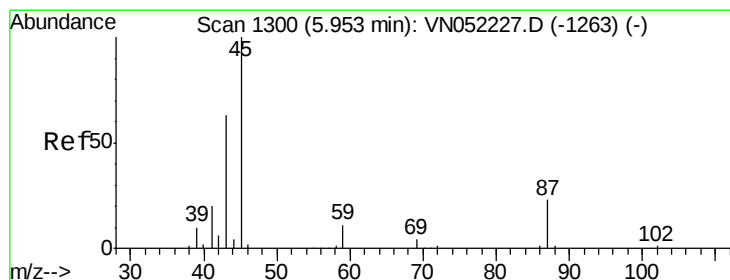
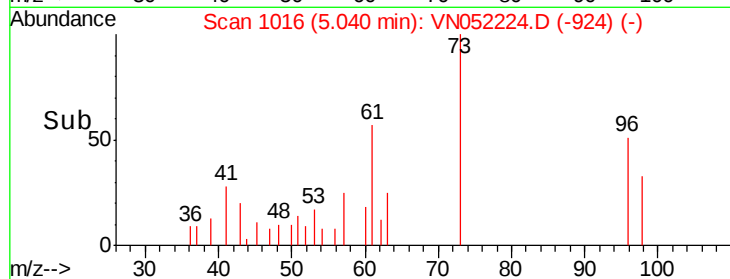
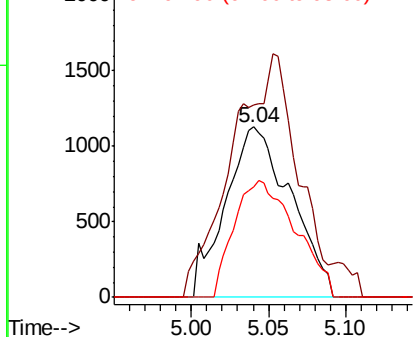
#21
trans-1,2-Dichloroethene
Concen: 1.113 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 3325
Ion Ratio Lower Upper
96 100
61 97.5 115.3 172.9#
98 64.6 49.5 74.3

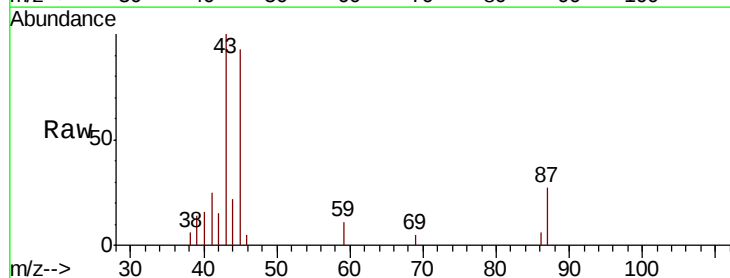


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

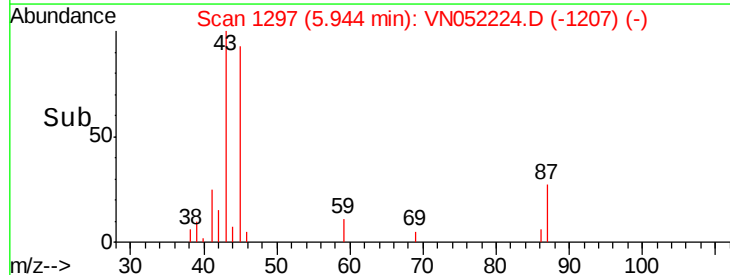
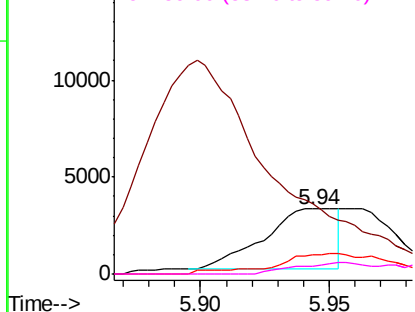


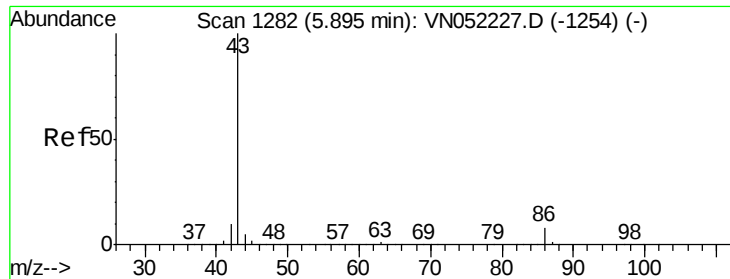
#22
Diisopropyl ether
Concen: 0.533 ug/l
RT: 5.94 min Scan# 1297
Delta R.T. -0.01 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Tgt Ion: 45 Resp: 6177
Ion Ratio Lower Upper
45 100
43 26.5 50.6 76.0#
87 31.5 19.0 28.4#
59 12.9 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 4.930 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

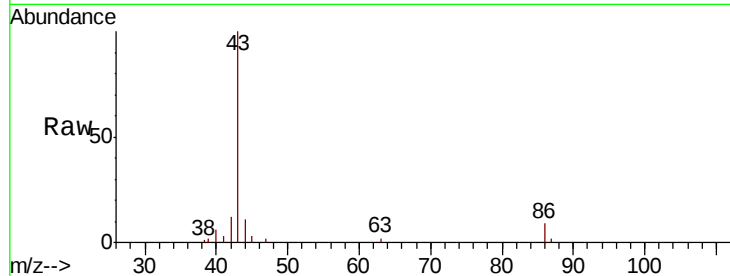
VSTDIC001

Tgt Ion: 43 Resp: 39031

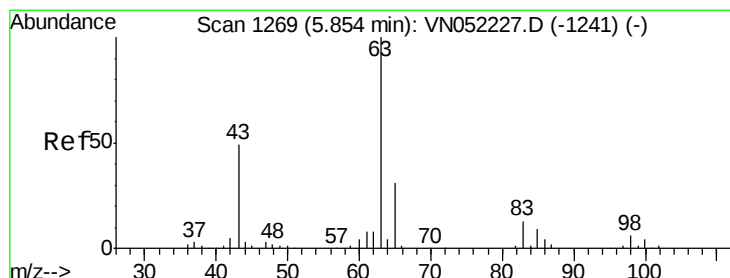
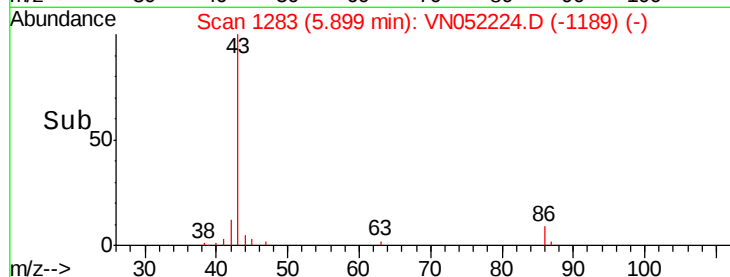
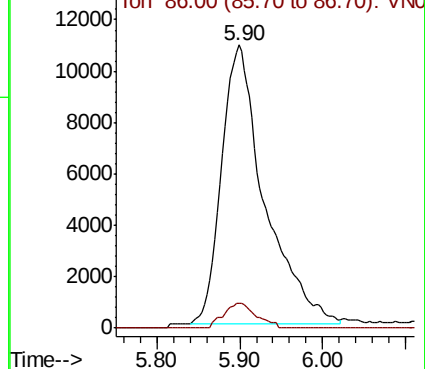
Ion Ratio Lower Upper

43 100

86 9.1 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN052224.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 0.572 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.01 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

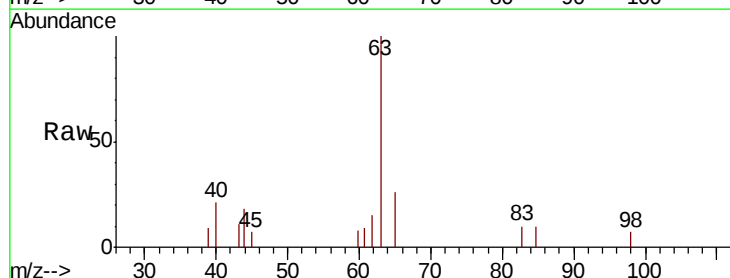
Tgt Ion: 63 Resp: 3483

Ion Ratio Lower Upper

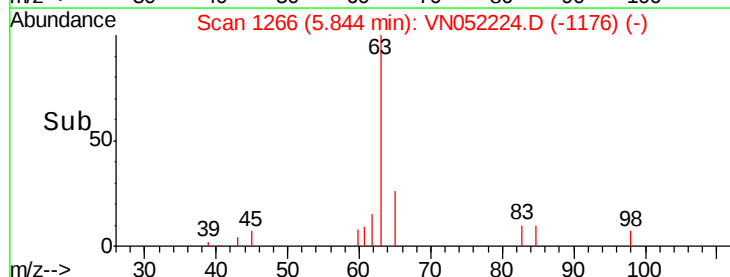
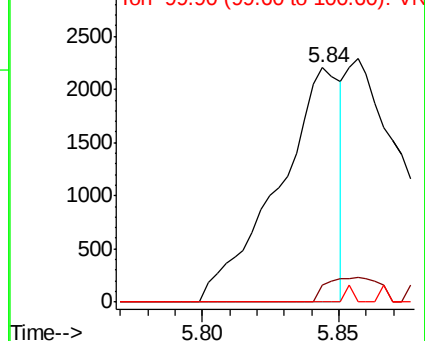
63 100

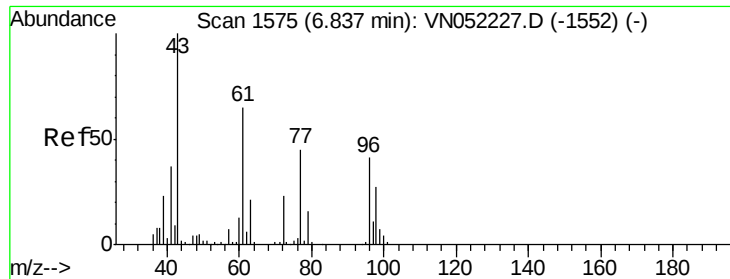
98 7.2 2.9 8.6

100 0.0 2.1 6.2#



Abundance Ion 62.90 (62.60 to 63.60): VN052224.D (-1176) (-)

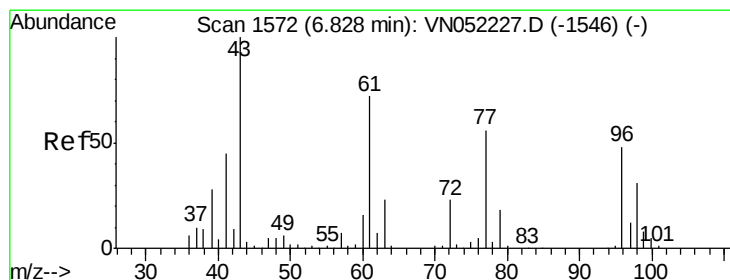
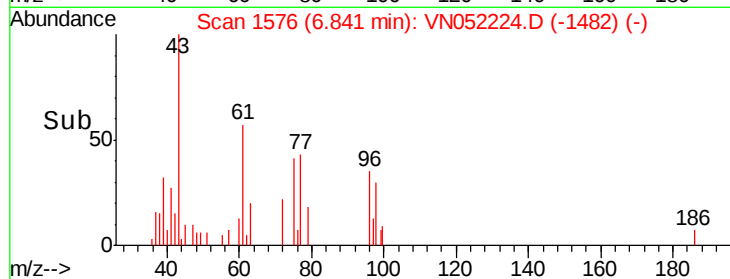
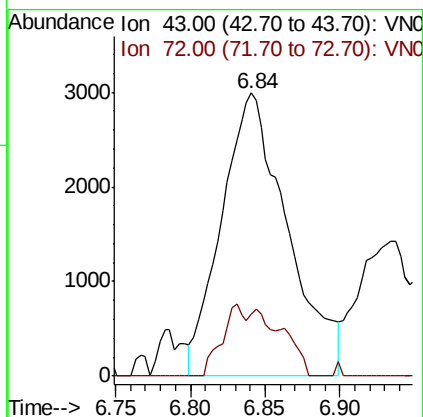
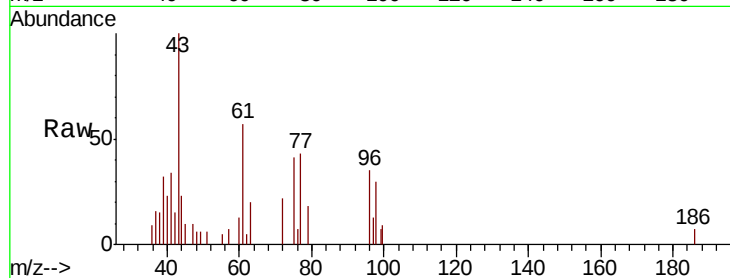




#25
 2-Butanone
 Concen: 5.968 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

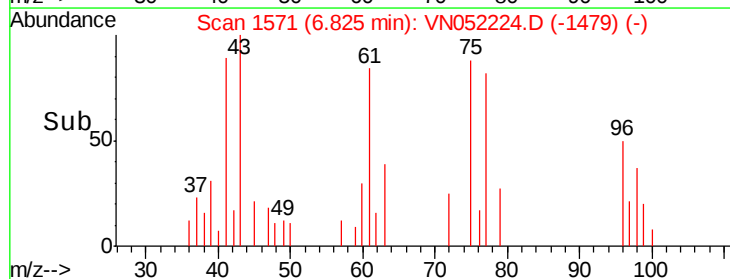
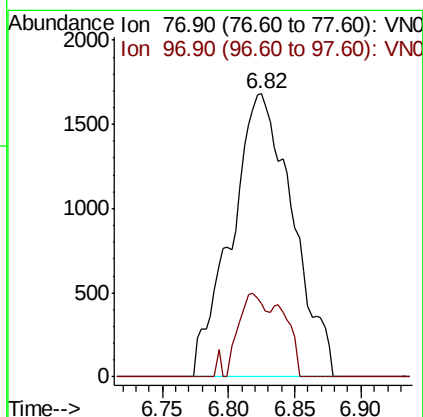
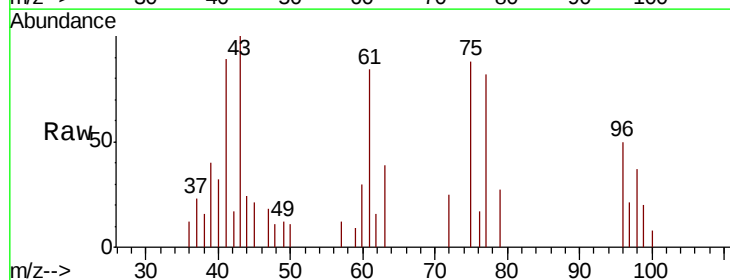
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

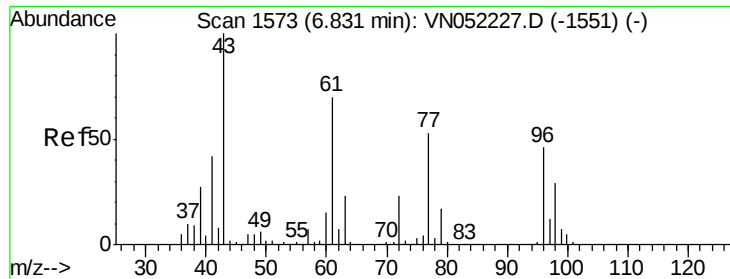
Tgt Ion: 43 Resp: 9155
 Ion Ratio Lower Upper
 43 100
 72 24.4 18.6 27.8



#26
 2,2-Dichloropropane
 Concen: 1.216 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

Tgt Ion: 77 Resp: 5413
 Ion Ratio Lower Upper
 77 100
 97 13.8 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 1.061 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

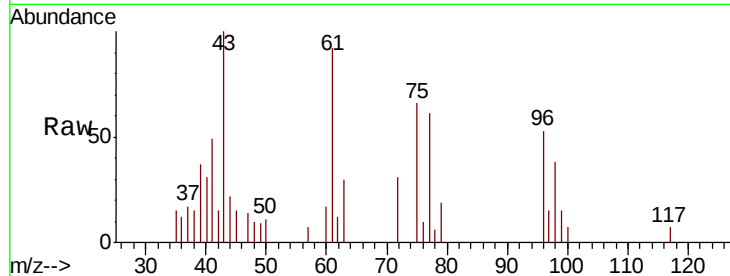
Tgt Ion: 96 Resp: 3547

Ion Ratio Lower Upper

96 100

61 169.6 0.0 313.4

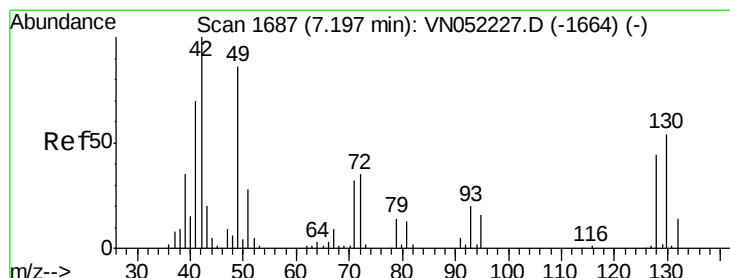
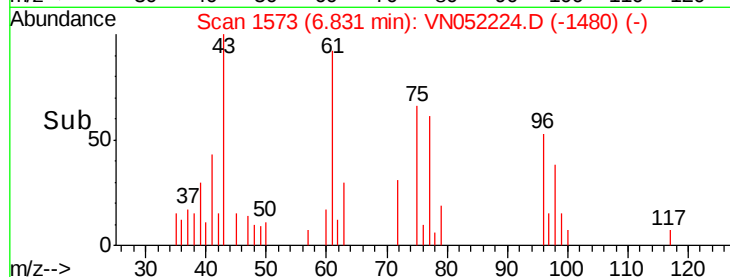
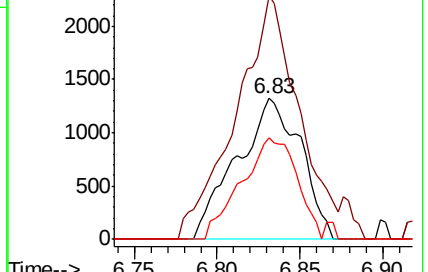
98 62.6 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN052227.D (-1551) (-)

Ion 60.90 (60.60 to 61.60): VN052227.D (-1551) (-)

Ion 97.90 (97.60 to 98.60): VN052227.D (-1551) (-)



#28

Bromochloromethane

Concen: 1.002 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

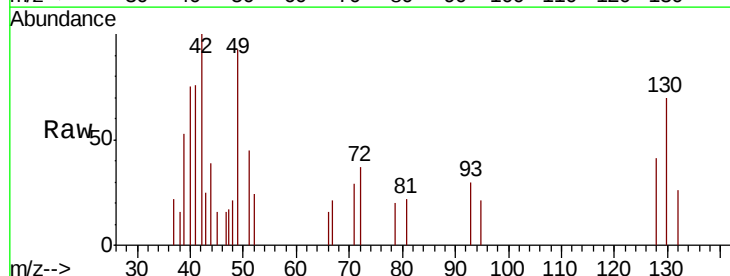
Tgt Ion: 49 Resp: 3016

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

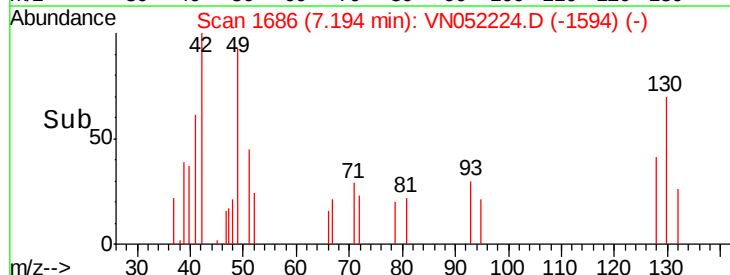
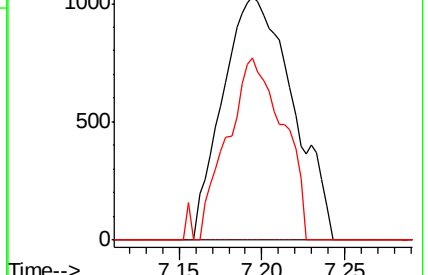
130 59.4 51.4 77.2

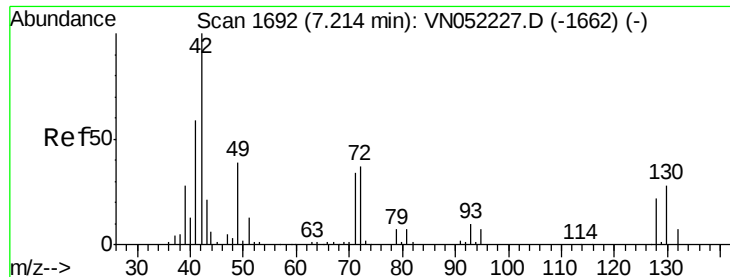


Abundance Ion 48.90 (48.60 to 49.60): VN052227.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN052227.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN052227.D (-1664) (-)

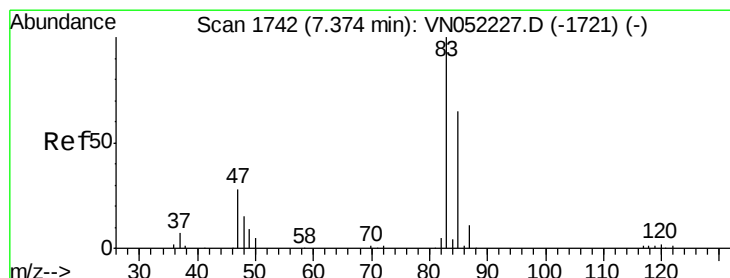
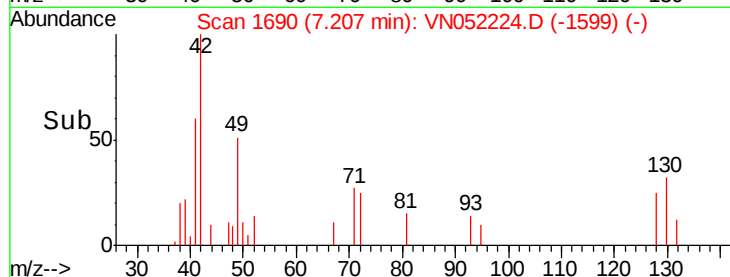
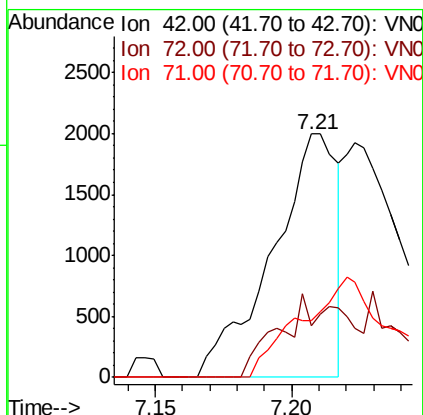
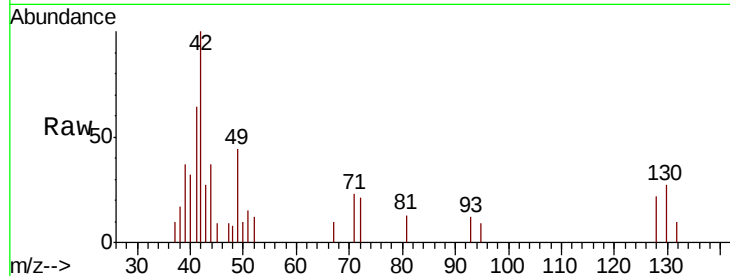




#29
Tetrahydrofuran
Concen: 3.326 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

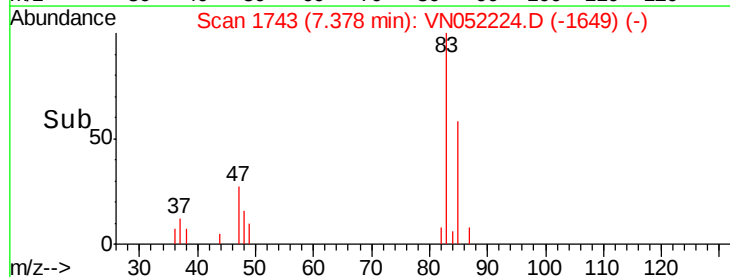
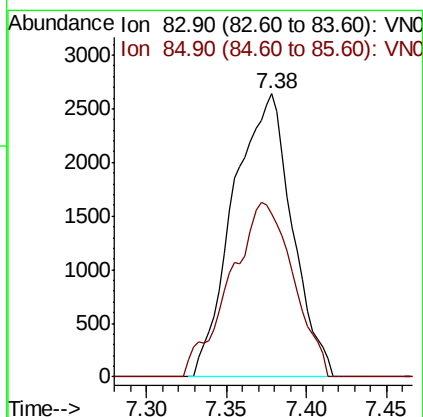
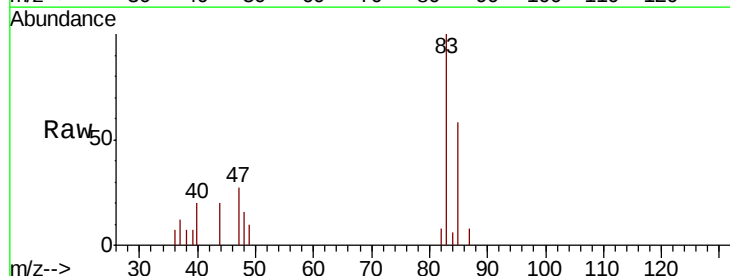
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

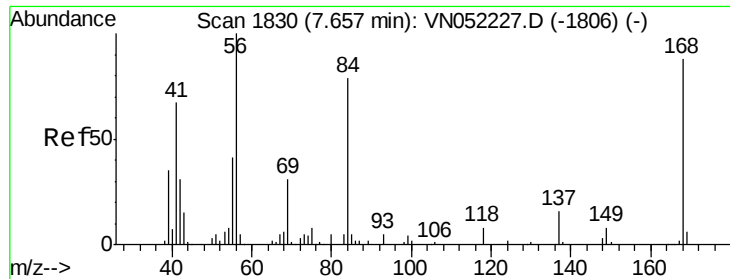
Tgt Ion: 42 Resp: 3279
Ion Ratio Lower Upper
42 100
72 17.9 28.6 43.0#
71 0.0 27.1 40.7#



#30
Chloroform
Concen: 1.154 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Tgt Ion: 83 Resp: 6653
Ion Ratio Lower Upper
83 100
85 57.8 51.8 77.6

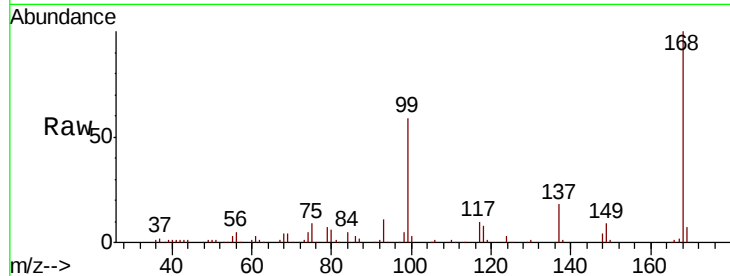




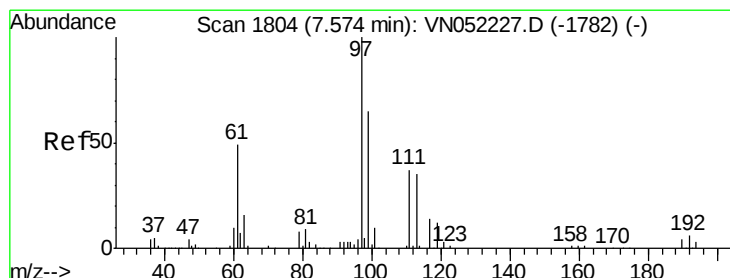
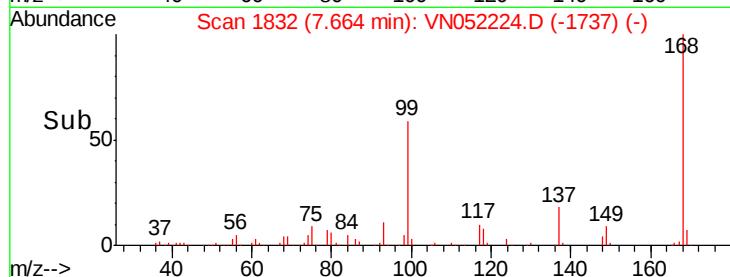
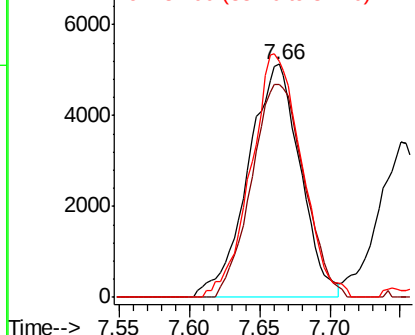
#31
Cyclohexane
Concen: 1.873 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 56 Resp: 13244
Ion Ratio Lower Upper
56 100
69 91.2 24.8 37.2#
84 101.3 63.1 94.7#

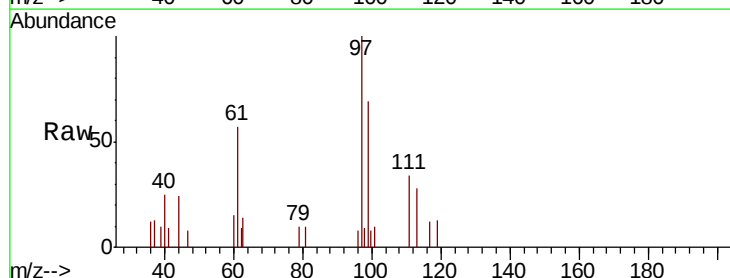


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

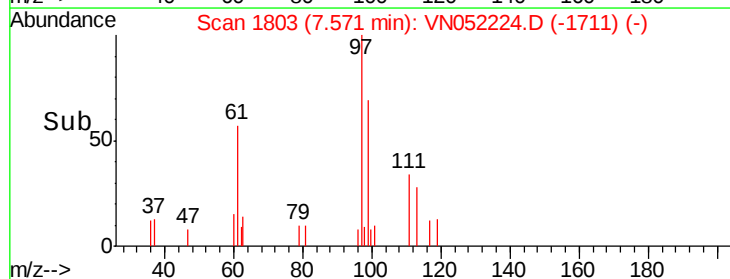
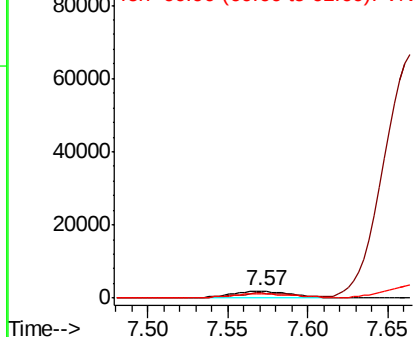


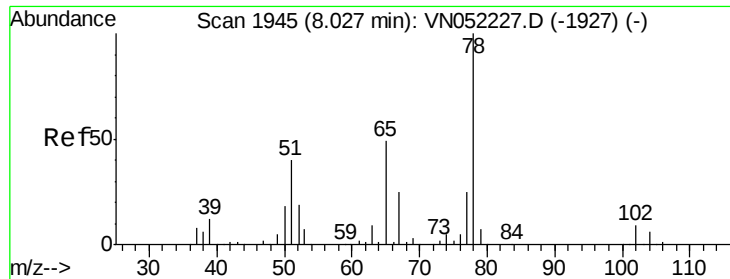
#32
1,1,1-Trichloroethane
Concen: 1.059 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Tgt Ion: 97 Resp: 4979
Ion Ratio Lower Upper
97 100
99 0.0 51.9 77.9#
61 28.5 40.2 60.4#



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





#33

1,2-Dichloroethane-d4

Concen: 1.059 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

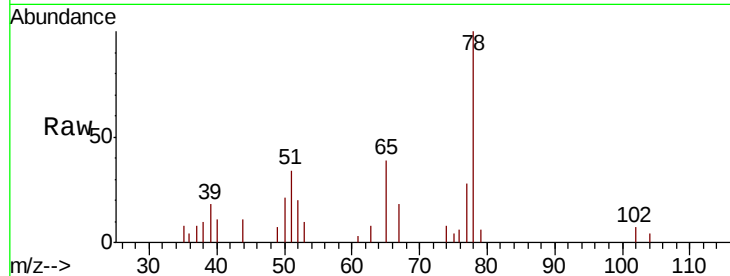
VSTDIC001

Tgt Ion: 65 Resp: 4677

Ion Ratio Lower Upper

65 100

67 46.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VN052224.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN052224.D (-1927) (-)

8.03

2000

1500

1000

500

0

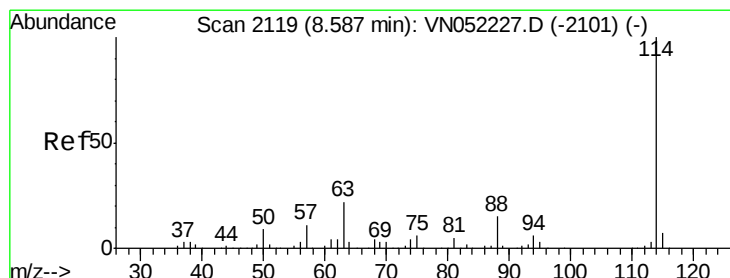
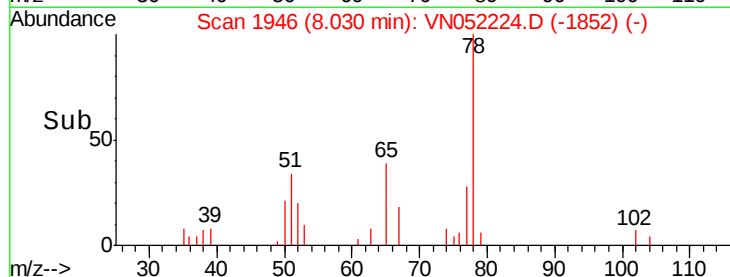
7.95

8.00

8.05

8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

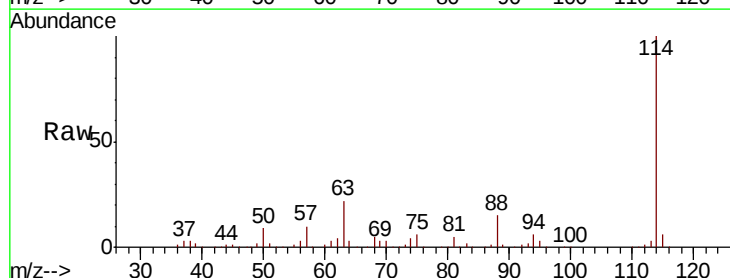
Tgt Ion: 114 Resp: 458635

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 15.2 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN052224.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN052224.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN052224.D (-2101) (-)

8.59

300000

250000

200000

150000

100000

50000

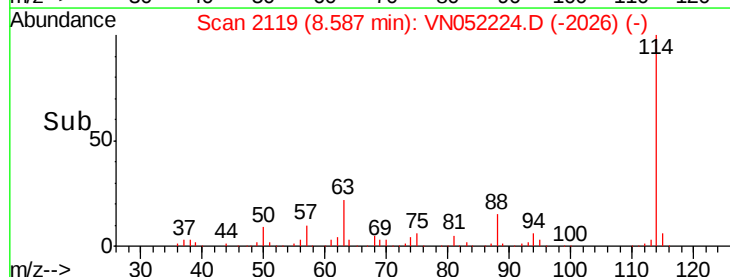
0

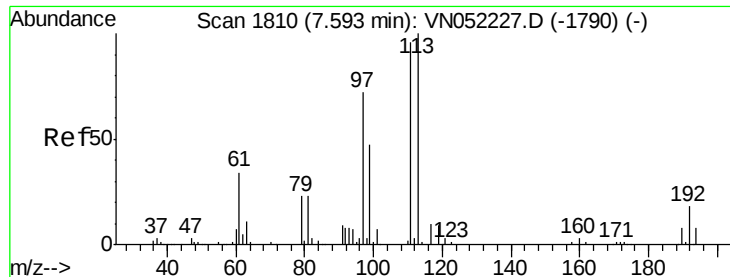
8.50

8.60

8.70

Time-->

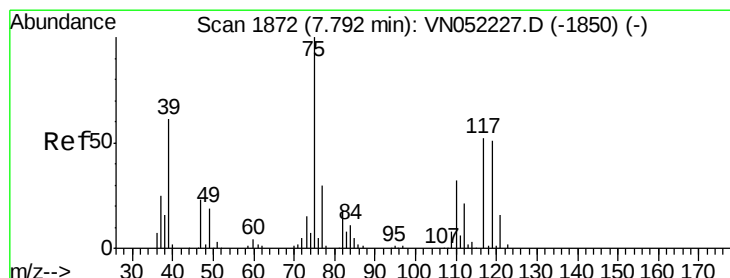
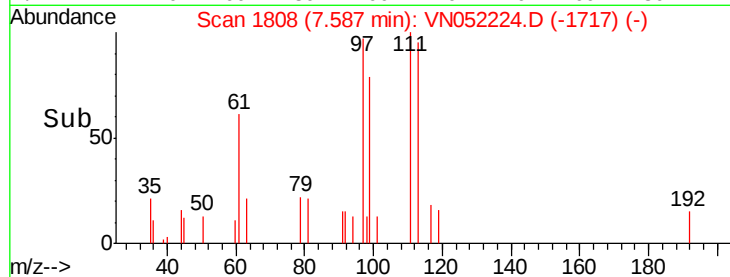
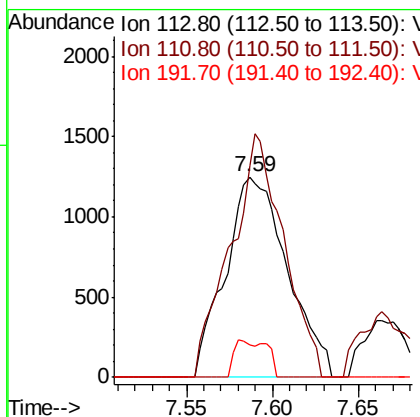
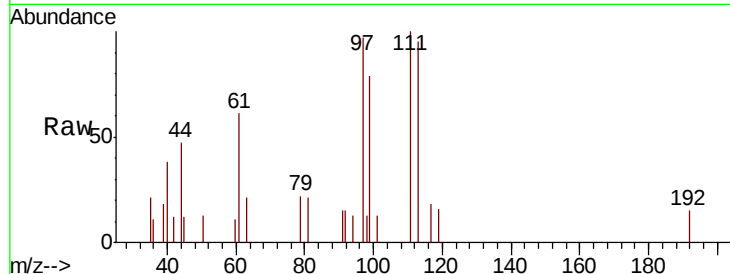




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

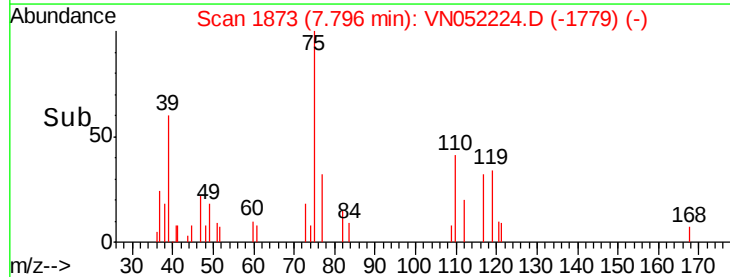
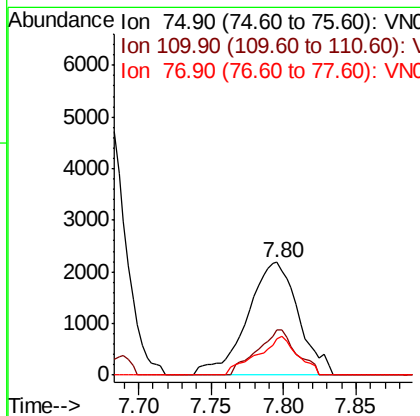
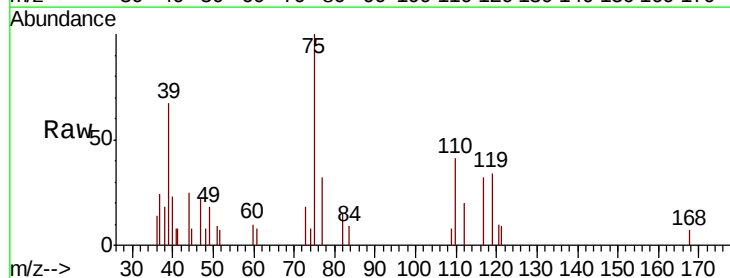
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

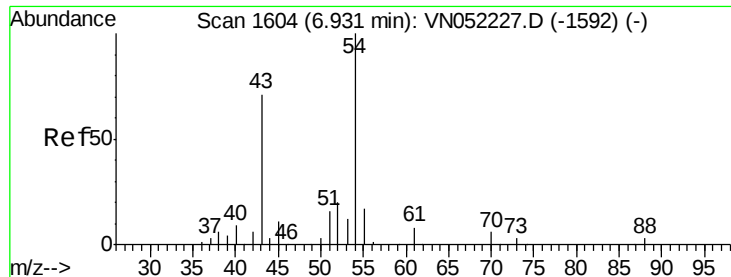
Tgt Ion: 113 Resp: 3138
 Ion Ratio Lower Upper
 113 100
 111 103.8 80.2 120.4
 192 6.2 14.1 21.1#



#36
 1,1-Dichloropropene
 Concen: 1.159 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

Tgt Ion: 75 Resp: 5363
 Ion Ratio Lower Upper
 75 100
 110 30.9 16.4 49.4
 77 27.0 23.9 35.9

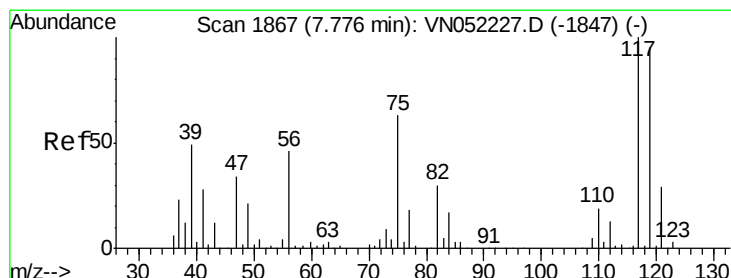
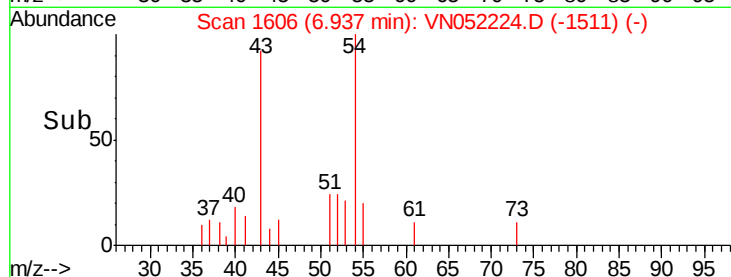
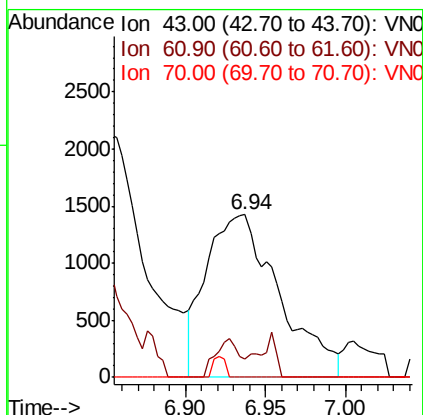
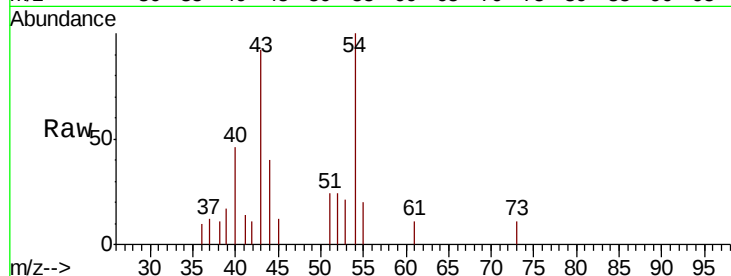




#37
Ethyl Acetate
Concen: 1.309 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

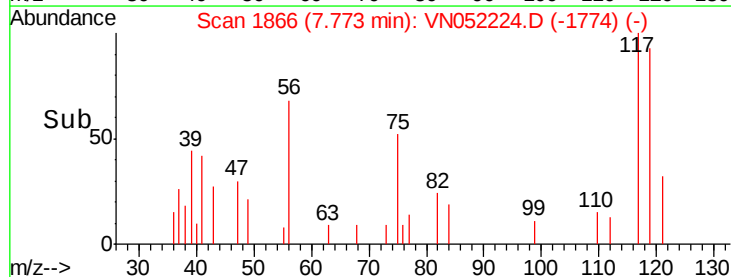
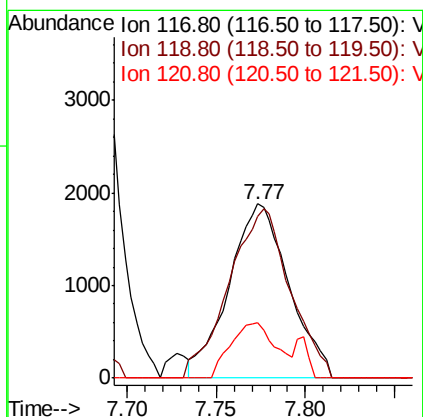
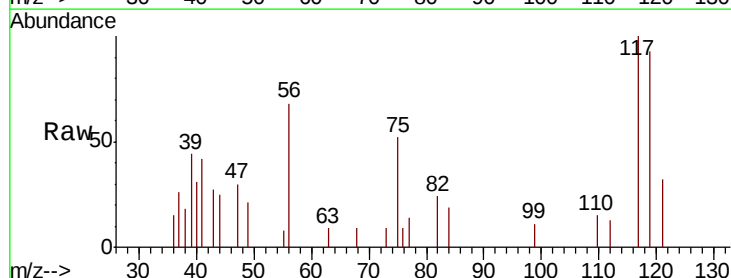
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

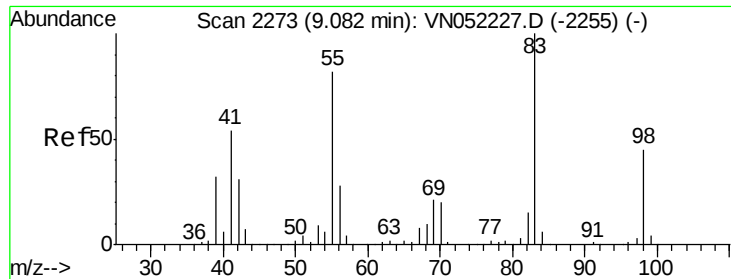
Tgt Ion: 43 Resp: 4470
Ion Ratio Lower Upper
43 100
61 7.9 10.0 15.0#
70 2.1 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 1.049 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Tgt Ion: 117 Resp: 4400
Ion Ratio Lower Upper
117 100
119 93.0 75.8 113.8
121 31.7 23.4 35.2

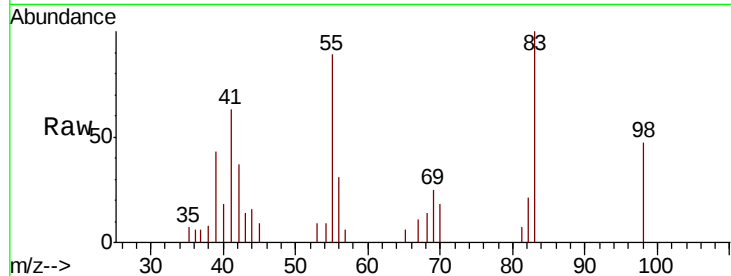




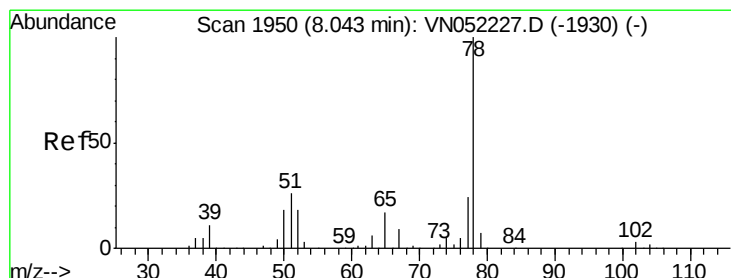
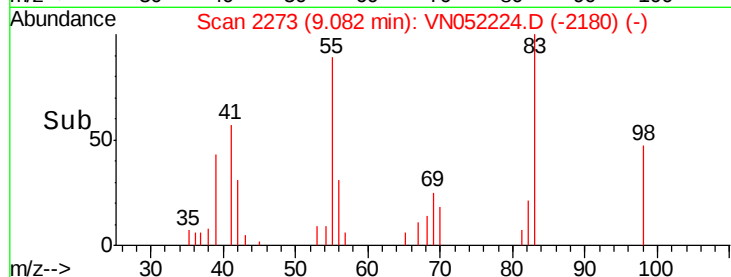
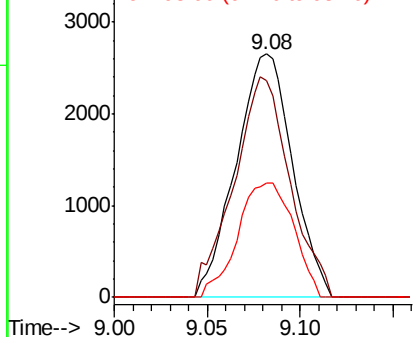
#39
Methylcyclohexane
Concen: 1.064 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 5616
Ion Ratio Lower Upper
83 100
55 89.2 65.2 97.8
98 47.1 36.3 54.5

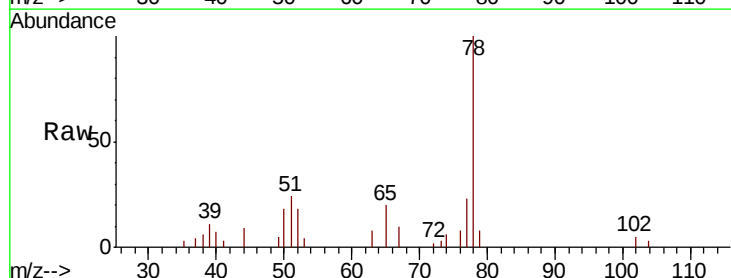


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

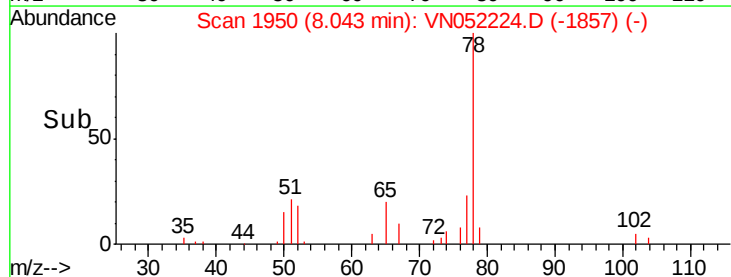
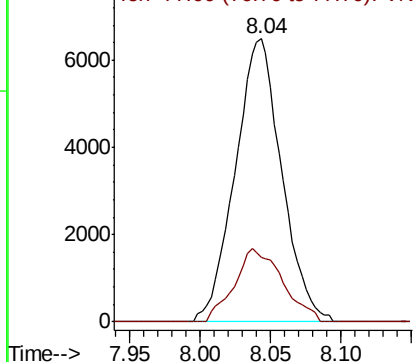


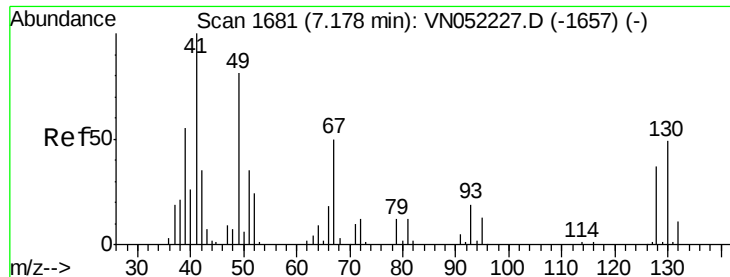
#40
Benzene
Concen: 1.127 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Tgt Ion: 78 Resp: 14934
Ion Ratio Lower Upper
78 100
77 22.6 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

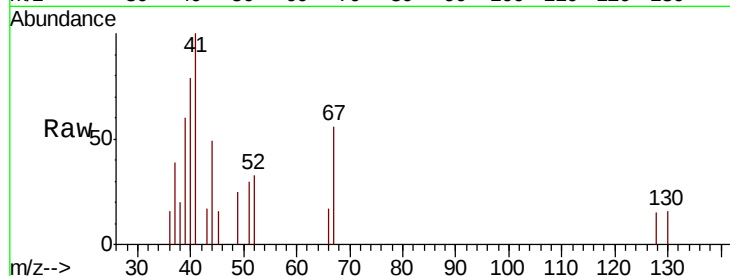




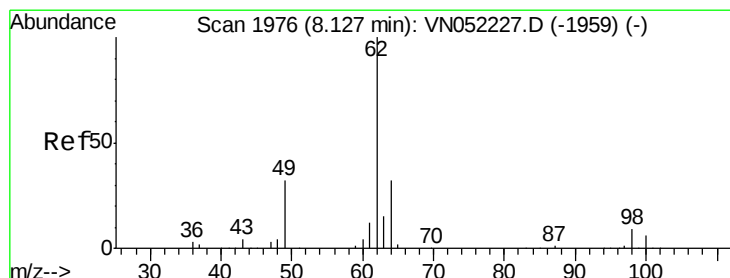
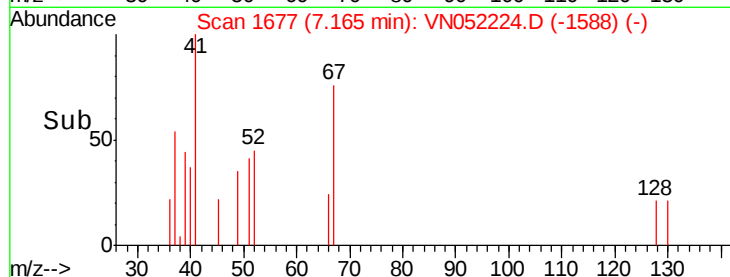
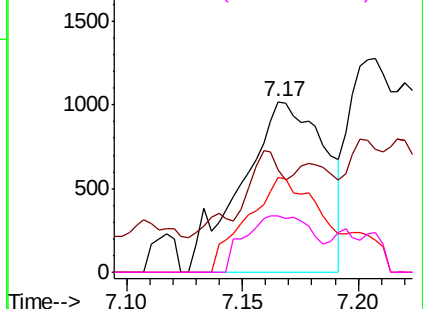
#41
Methacrylonitrile
Concen: 1.410 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.01 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 41 Resp: 2540
Ion Ratio Lower Upper
41 100
39 15.0 47.8 71.6#
67 49.5 54.3 81.5#
52 26.6 26.2 39.4

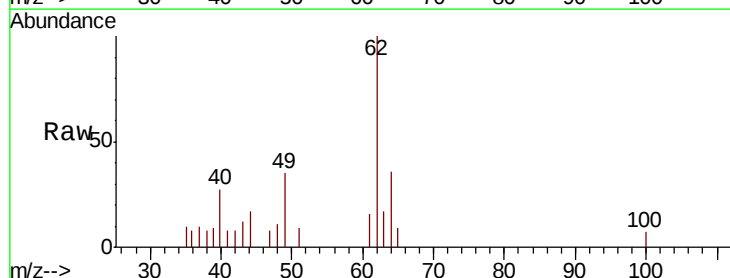


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

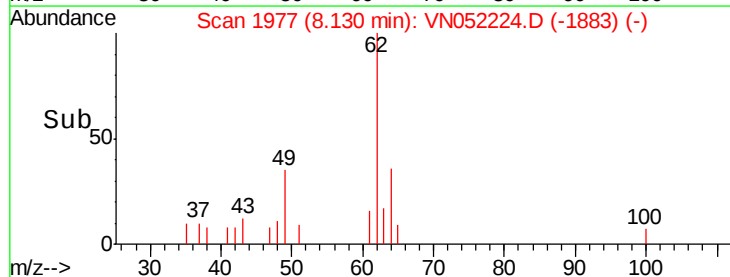
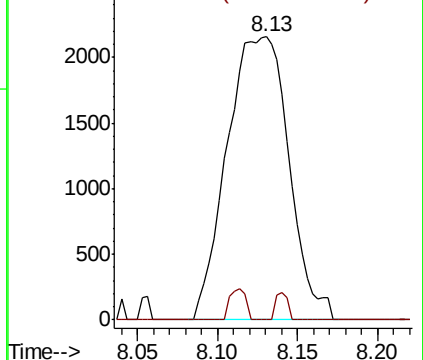


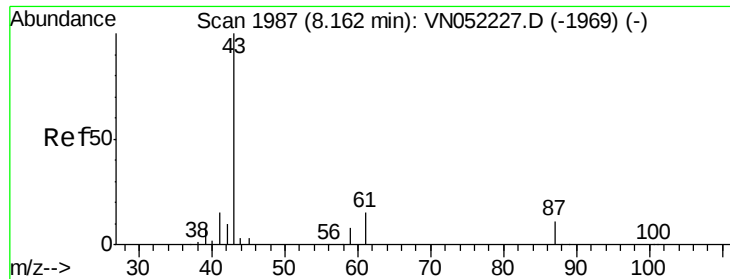
#42
1,2-Dichloroethane
Concen: 1.230 ug/l
RT: 8.13 min Scan# 1977
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Tgt Ion: 62 Resp: 5718
Ion Ratio Lower Upper
62 100
98 1.9 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: 1.066 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

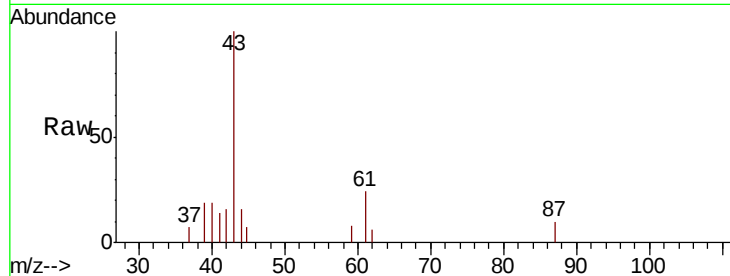
Tgt Ion: 43 Resp: 6469

Ion Ratio Lower Upper

43 100

61 8.2 14.2 21.4#

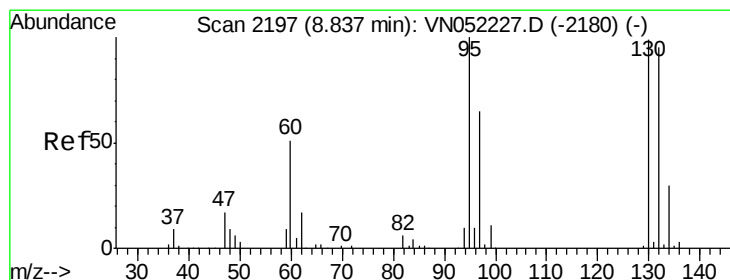
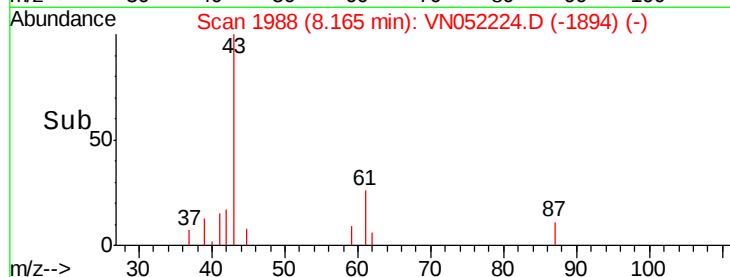
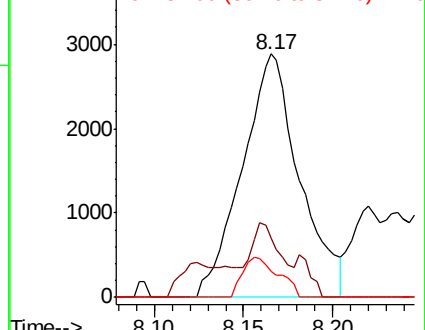
87 10.2 8.4 12.6



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: 1.203 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052224.D

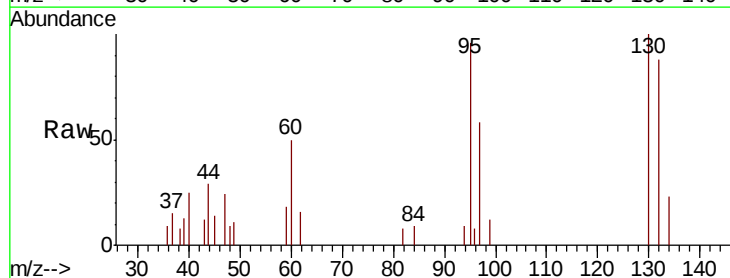
Acq: 9 Nov 2018 13:39

Tgt Ion: 130 Resp: 3997

Ion Ratio Lower Upper

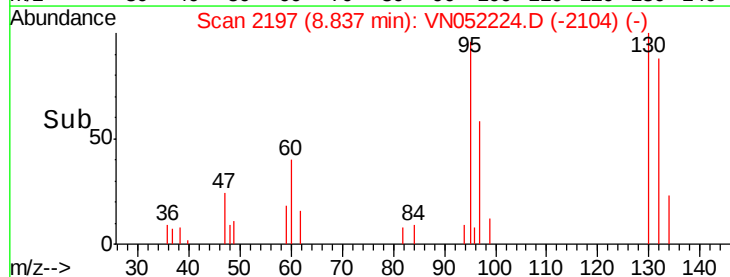
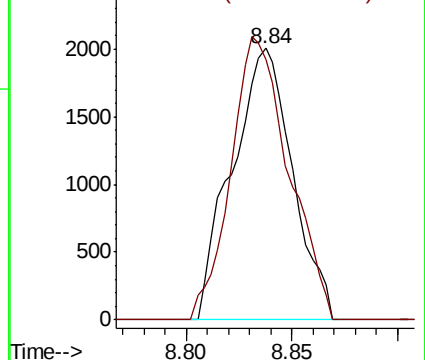
130 100

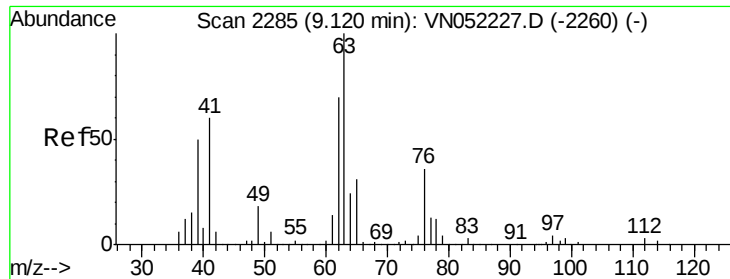
95 96.1 0.0 201.6



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

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

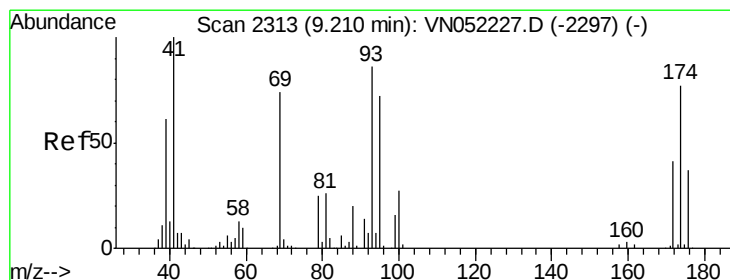
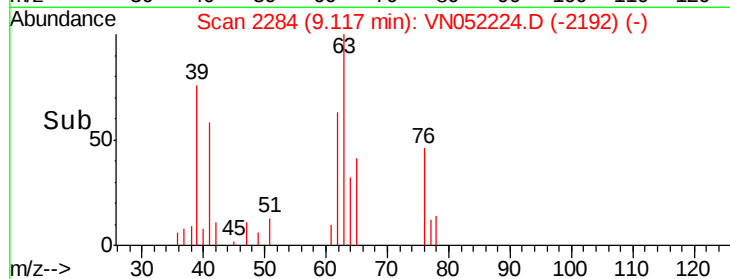
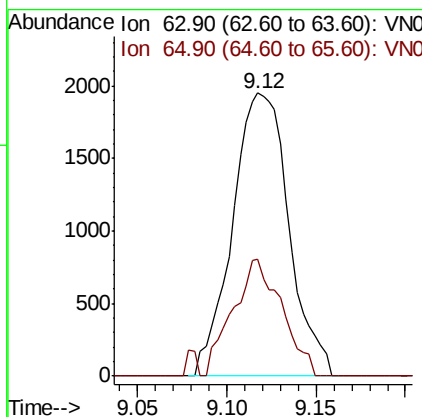
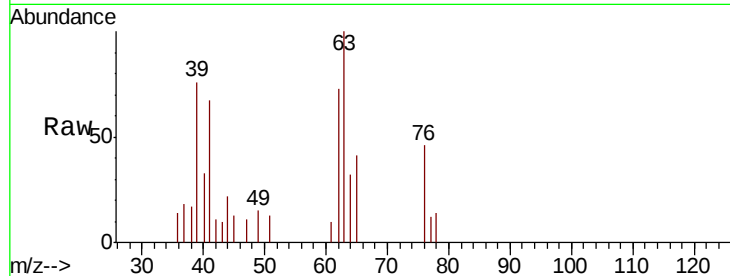




#45
 1,2-Dichloropropane
 Concen: 1.161 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

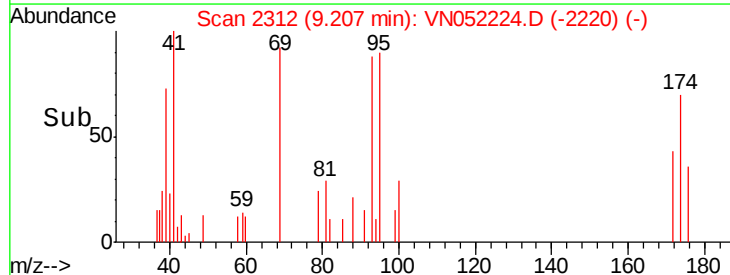
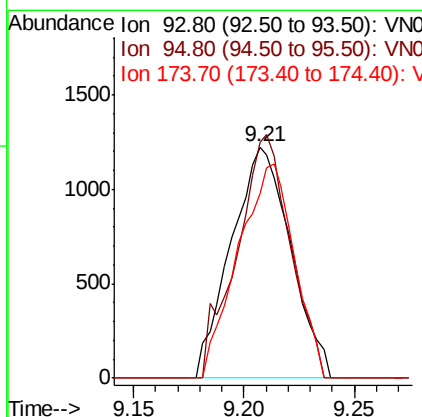
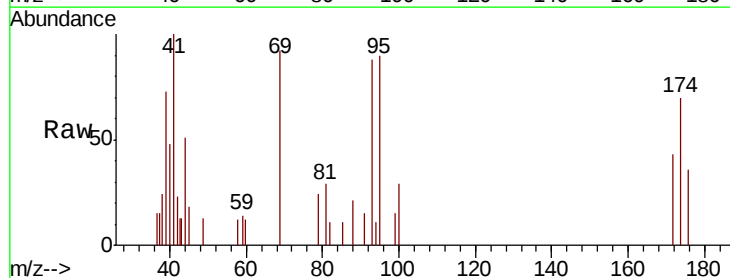
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

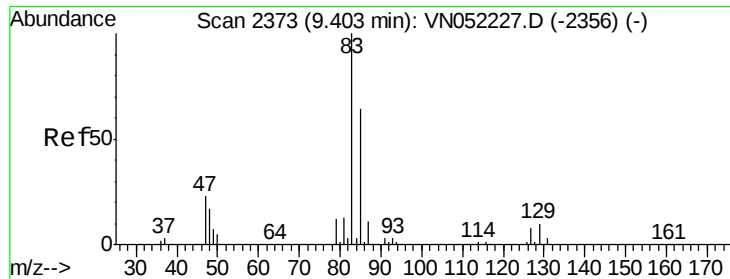
Tgt Ion: 63 Resp: 4299
 Ion Ratio Lower Upper
 63 100
 65 41.4 24.8 37.2#



#46
 Dibromomethane
 Concen: 1.075 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

Tgt Ion: 93 Resp: 2286
 Ion Ratio Lower Upper
 93 100
 95 94.4 67.0 100.4
 174 87.4 72.1 108.1





#47

Bromodichloromethane

Concen: 1.158 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

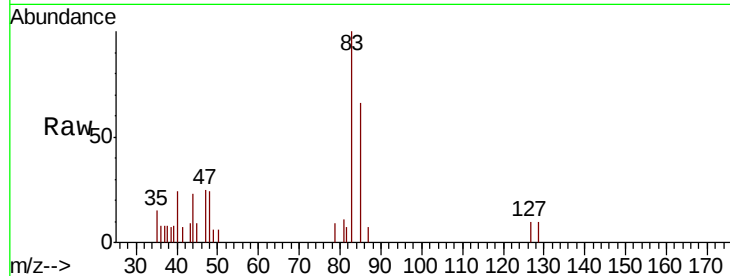
Tgt Ion: 83 Resp: 5103

Ion Ratio Lower Upper

83 100

85 65.5 51.2 76.8

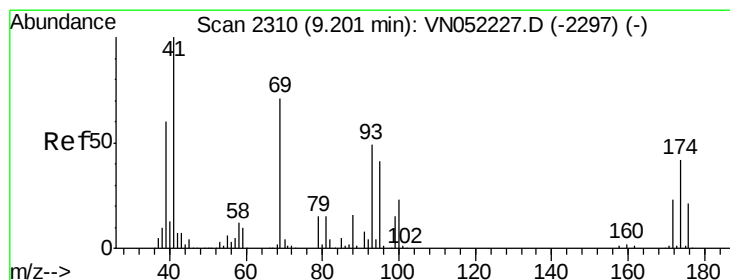
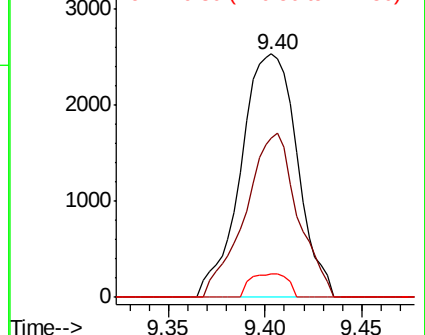
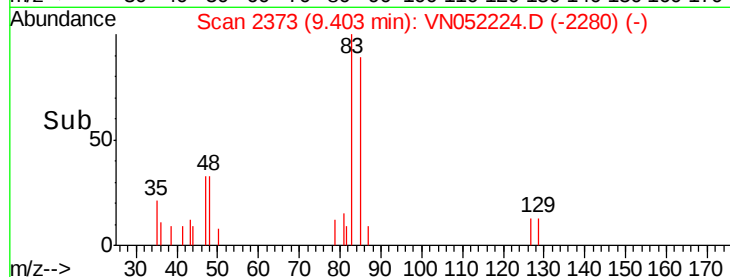
127 9.6 6.2 9.4#



Abundance Ion 82.90 (82.60 to 83.60): VN052224.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052224.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052224.D (-2280) (-)



#48

Methyl methacrylate

Concen: 1.144 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

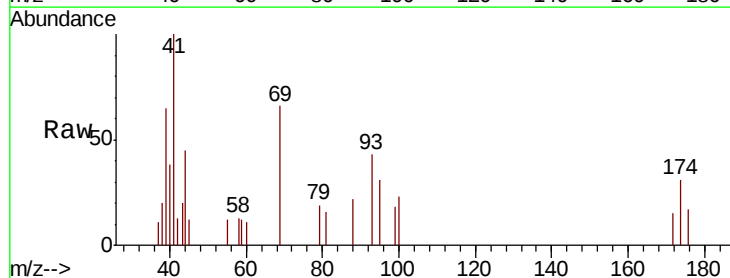
Tgt Ion: 41 Resp: 3658

Ion Ratio Lower Upper

41 100

69 79.1 58.8 88.2

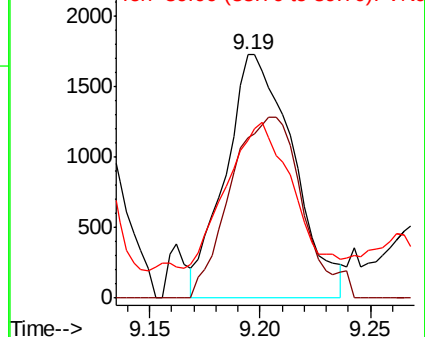
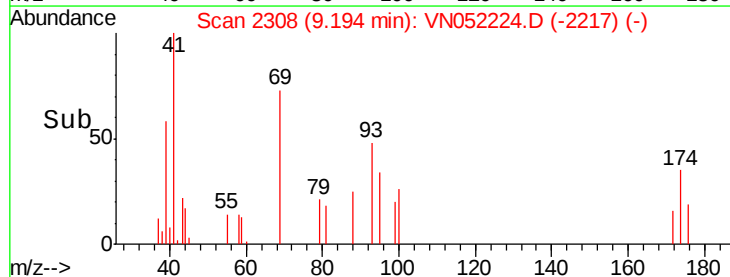
39 56.5 50.7 76.1

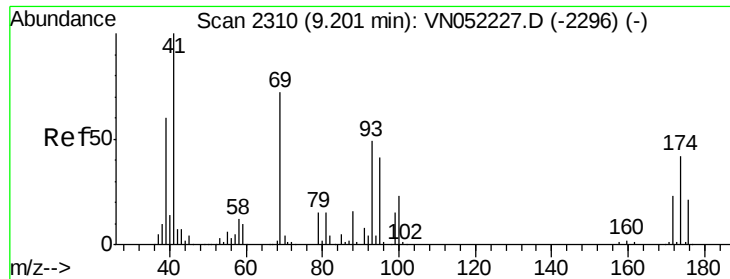


Abundance Ion 41.00 (40.70 to 41.70): VN052224.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN052224.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN052224.D (-2217) (-)

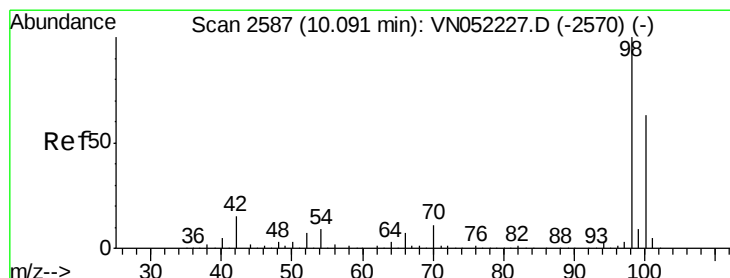
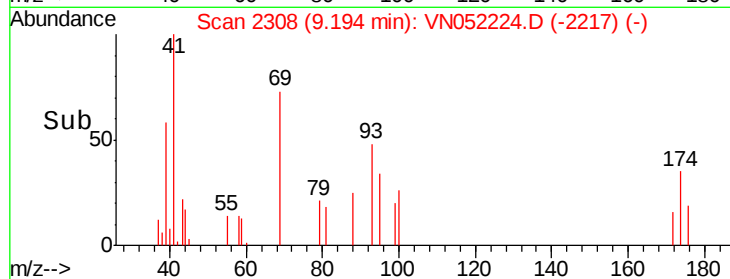
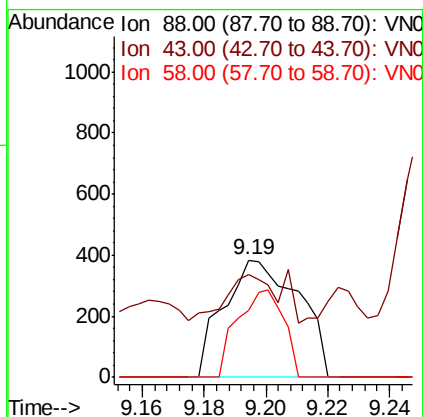
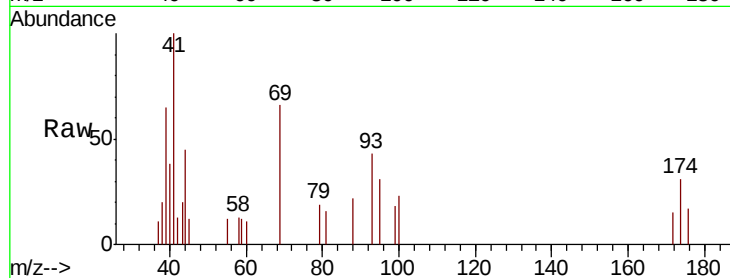




#49
1,4-Dioxane
Concen: 25.247 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

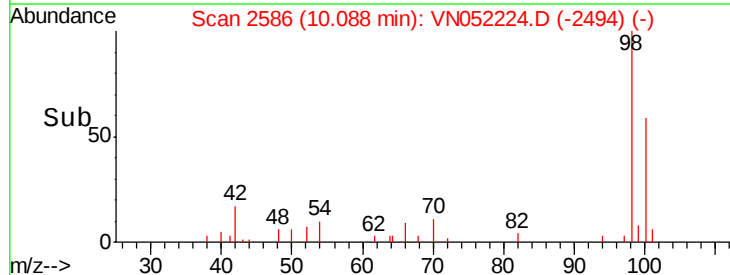
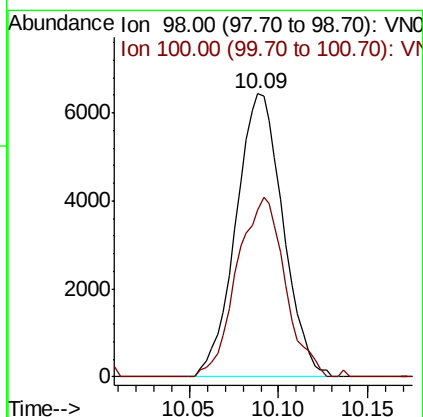
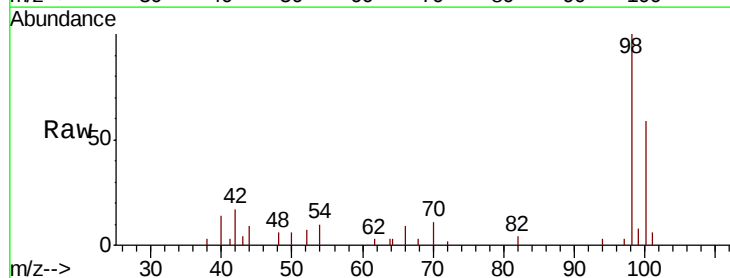
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

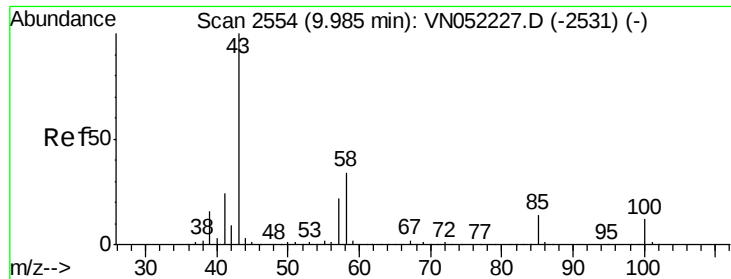
Tgt Ion: 88 Resp: 649
Ion Ratio Lower Upper
88 100
43 24.2 32.5 48.7#
58 45.5 58.2 87.4#



#50
Toluene-d8
Concen: 25.247 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Tgt Ion: 98 Resp: 11859
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 5.416 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

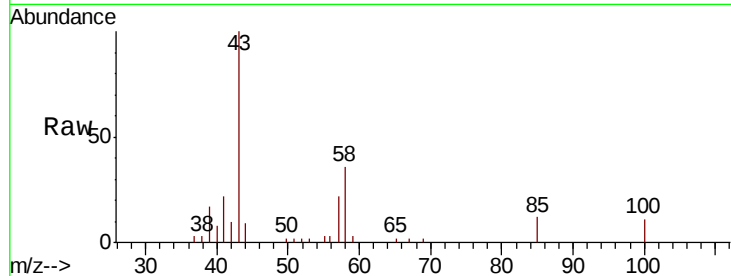
VSTDIC001

Tgt Ion: 43 Resp: 18153

Ion Ratio Lower Upper

43 100

58 33.9 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) (-)

9.98

10000

8000

6000

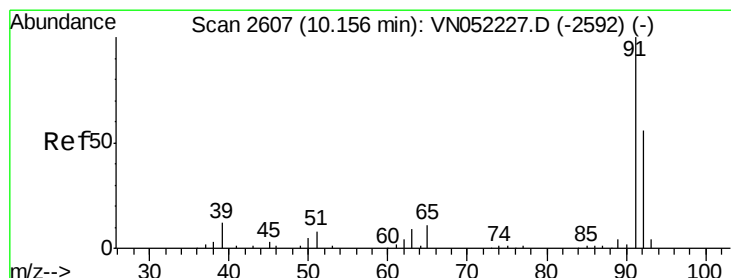
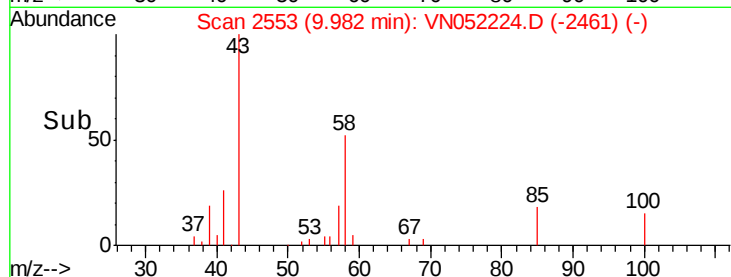
4000

2000

0

9.90 9.95 10.00 10.05

Time-->



#52

Toluene

Concen: 1.090 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052224.D

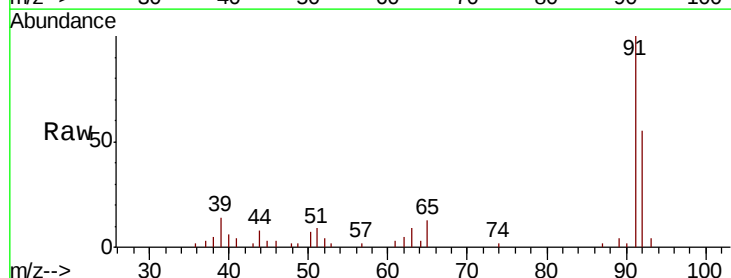
Acq: 9 Nov 2018 13:39

Tgt Ion: 92 Resp: 8711

Ion Ratio Lower Upper

92 100

91 183.8 142.5 213.7



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

10000

8000

6000

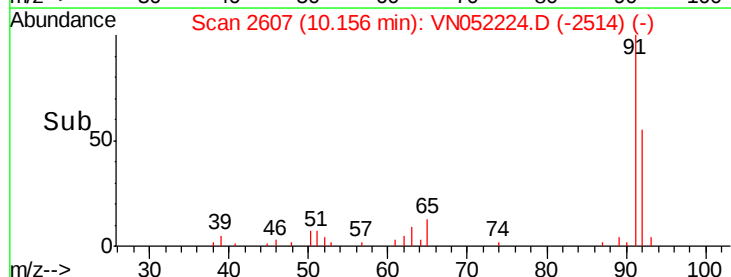
4000

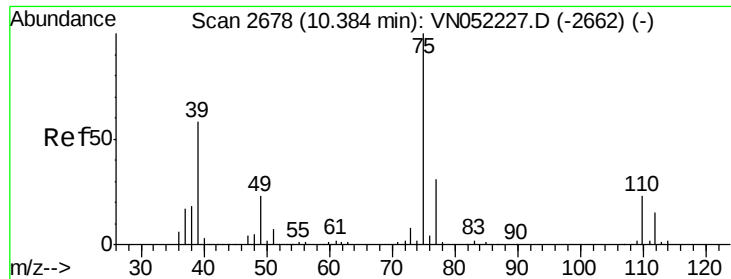
2000

0

10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 0.964 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

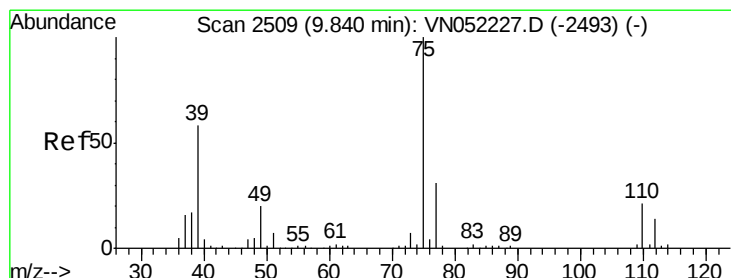
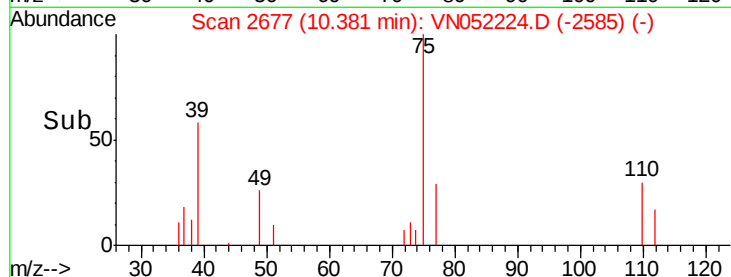
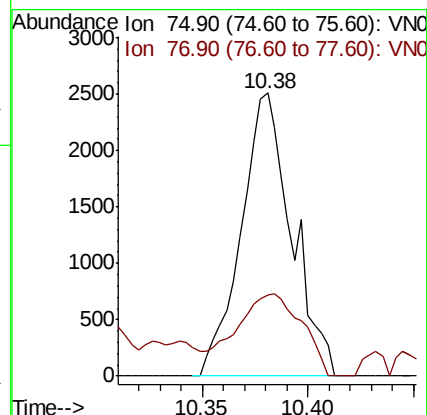
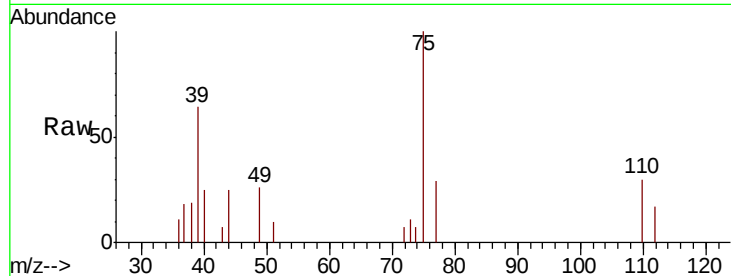
VSTDIC001

Tgt Ion: 75 Resp: 4193

Ion Ratio Lower Upper

75 100

77 28.7 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 1.043 ug/l

RT: 9.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

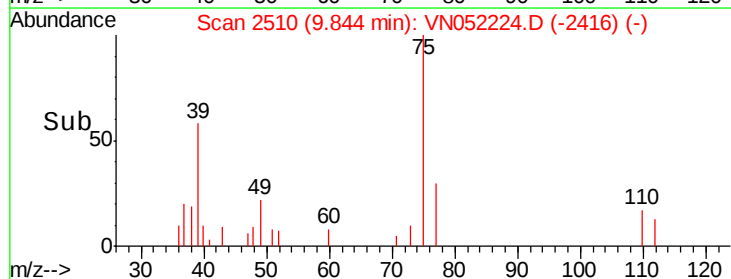
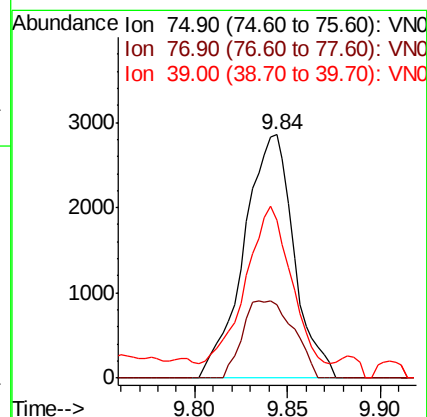
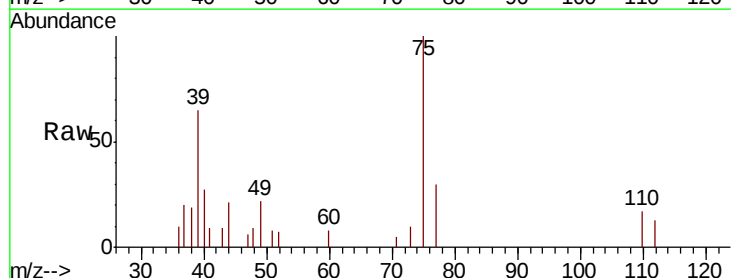
Tgt Ion: 75 Resp: 5353

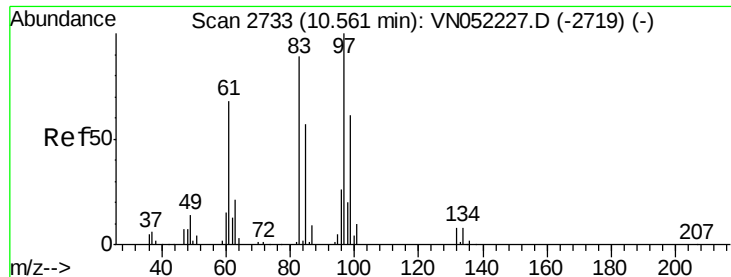
Ion Ratio Lower Upper

75 100

77 30.1 25.2 37.8

39 58.3 46.6 70.0

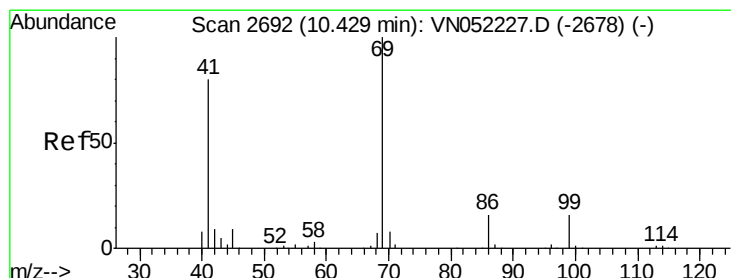
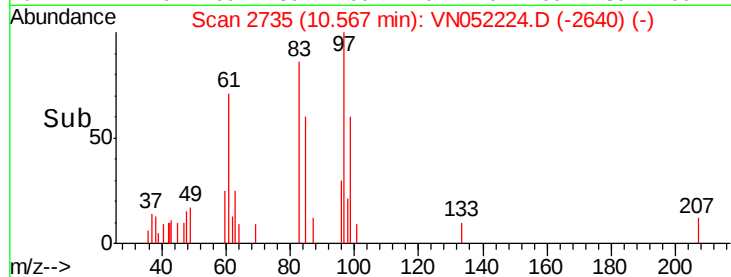
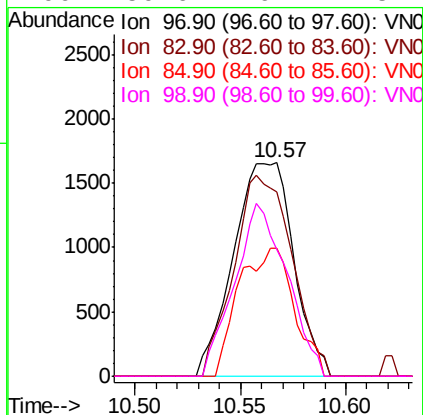
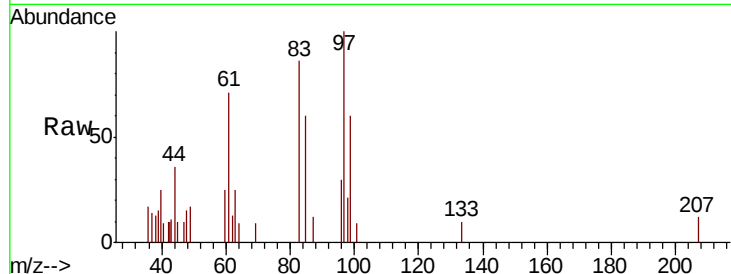




#55
 1,1,2-Trichloroethane
 Concen: 1.140 ug/l
 RT: 10.57 min Scan# 2735
 Delta R.T. 0.01 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

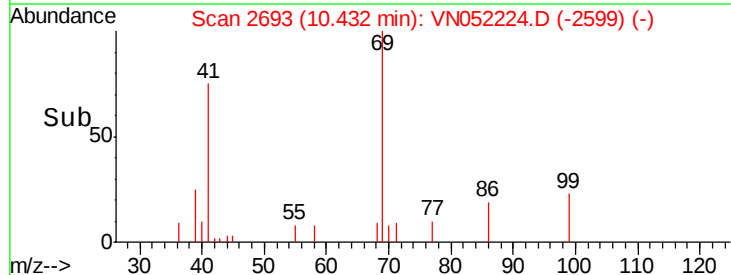
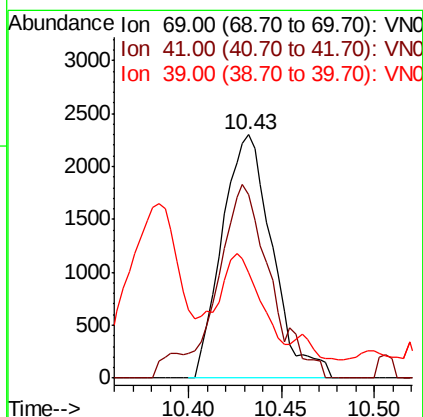
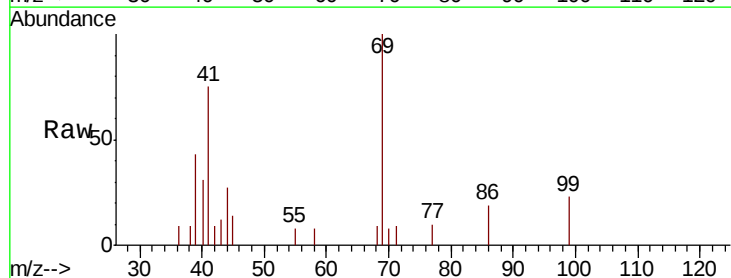
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

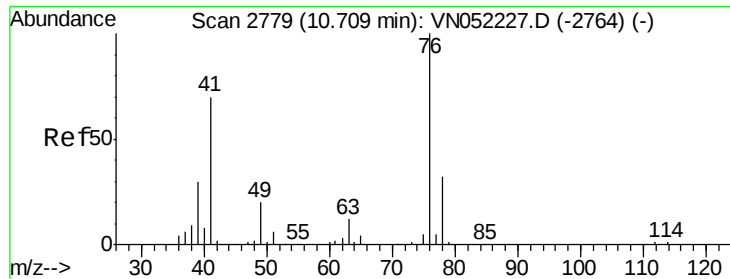
Tgt Ion: 97 Resp: 3294
 Ion Ratio Lower Upper
 97 100
 83 86.0 71.2 106.8
 85 60.1 45.6 68.4
 99 59.6 49.1 73.7



#56
 Ethyl methacrylate
 Concen: 1.110 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

Tgt Ion: 69 Resp: 4337
 Ion Ratio Lower Upper
 69 100
 41 80.4 64.0 96.0
 39 32.2 37.8 56.8#





#57

1,3-Dichloropropane

Concen: 1.161 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

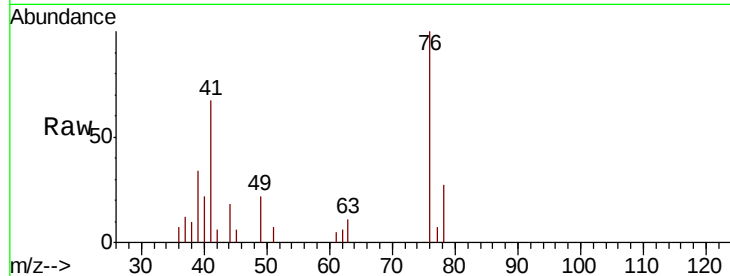
VSTDIC001

Tgt Ion: 76 Resp: 6005

Ion Ratio Lower Upper

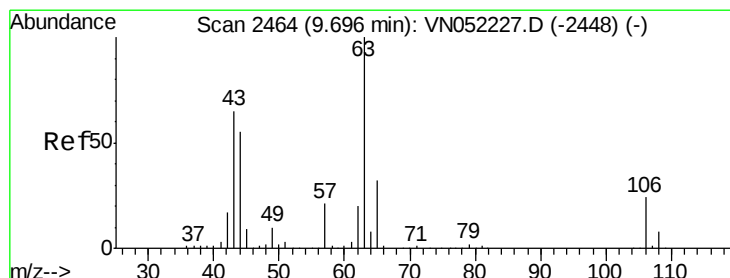
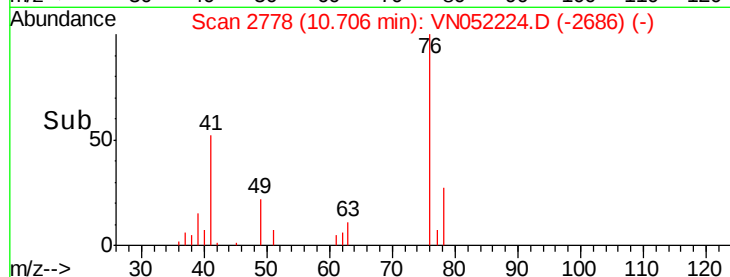
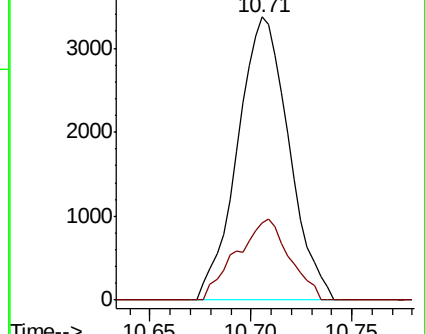
76 100

78 29.5 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: 4.488 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN052224.D

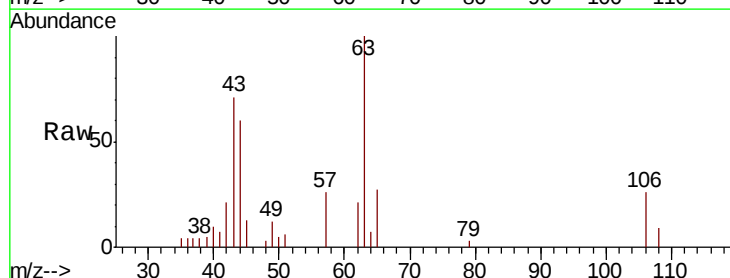
Acq: 9 Nov 2018 13:39

Tgt Ion: 63 Resp: 9705

Ion Ratio Lower Upper

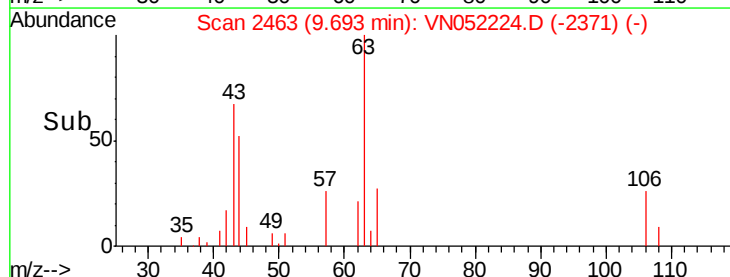
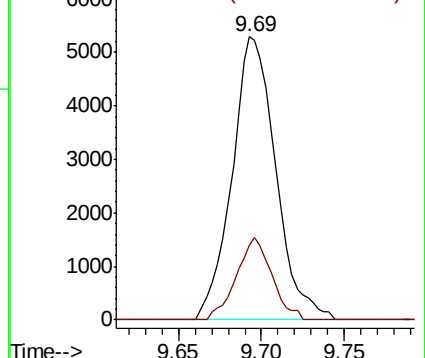
63 100

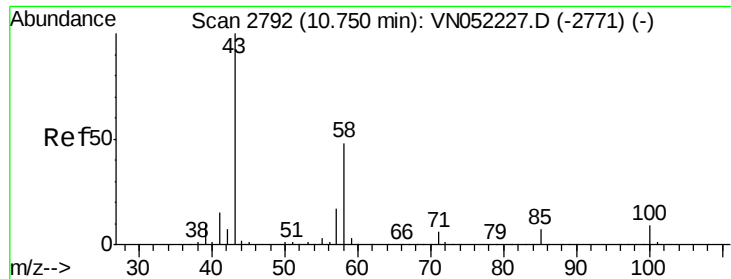
106 23.6 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

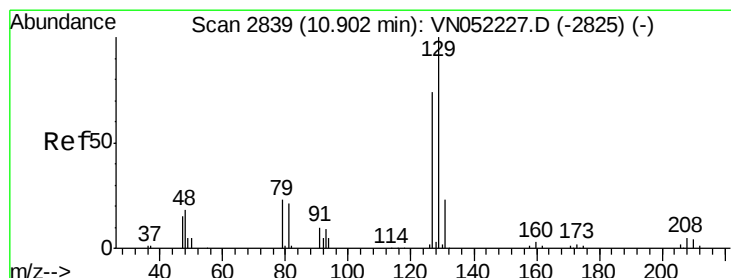
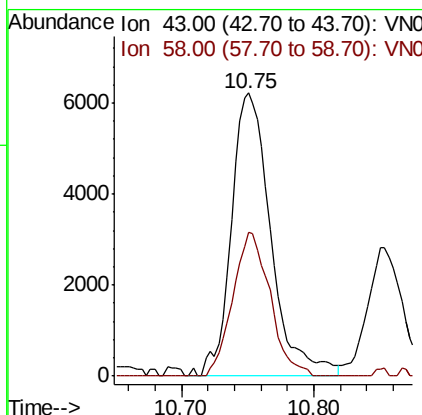
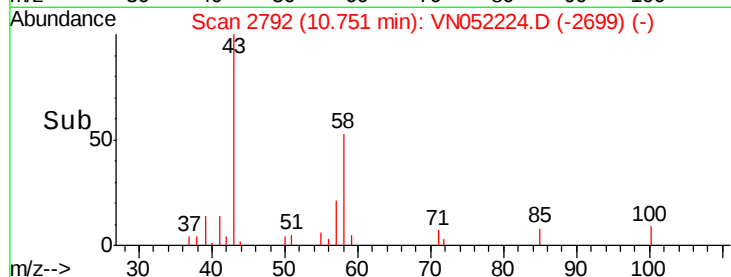
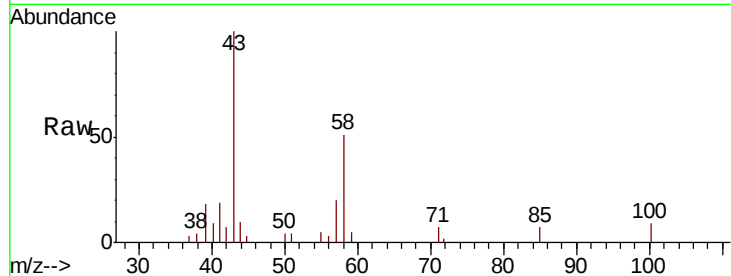




#59
2-Hexanone
Concen: 5.478 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

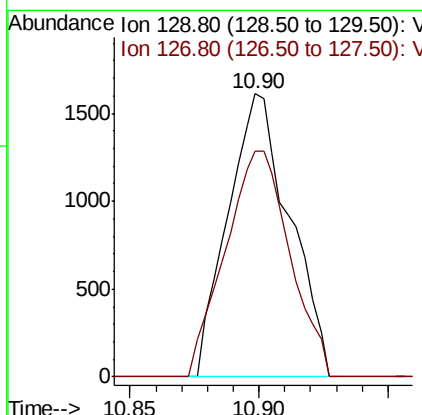
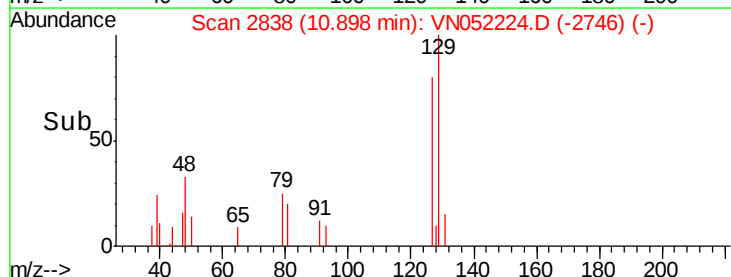
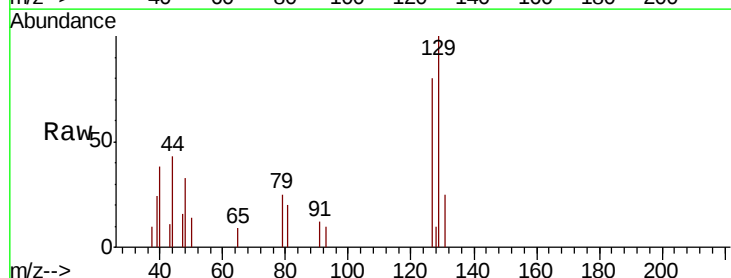
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

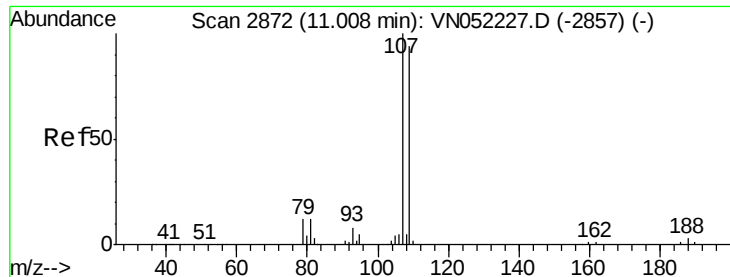
Tgt Ion: 43 Resp: 12888
Ion Ratio Lower Upper
43 100
58 47.8 24.1 72.3



#60
Dibromochloromethane
Concen: 0.915 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Tgt Ion: 129 Resp: 2683
Ion Ratio Lower Upper
129 100
127 83.5 38.0 114.1





#61

1,2-Dibromoethane

Concen: 1.091 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

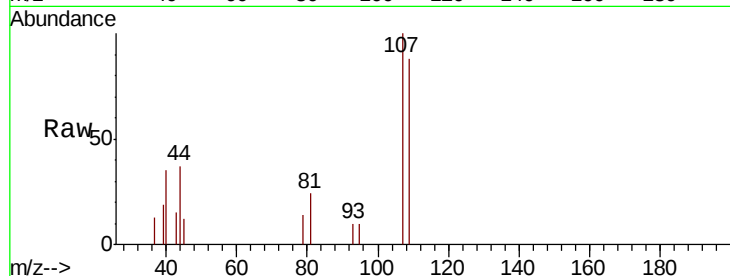
VSTDIC001

Tgt Ion: 107 Resp: 3098

Ion Ratio Lower Upper

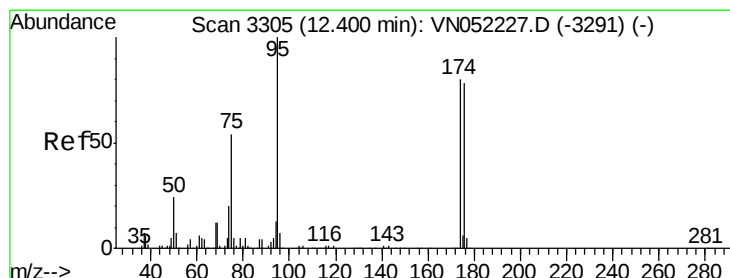
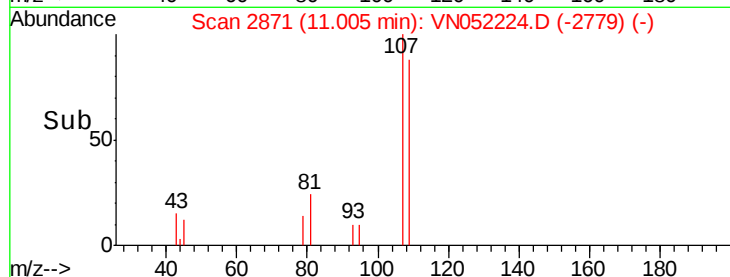
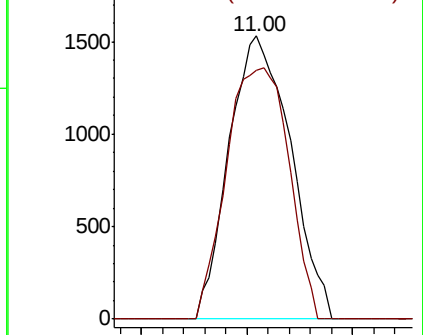
107 100

109 89.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.091 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

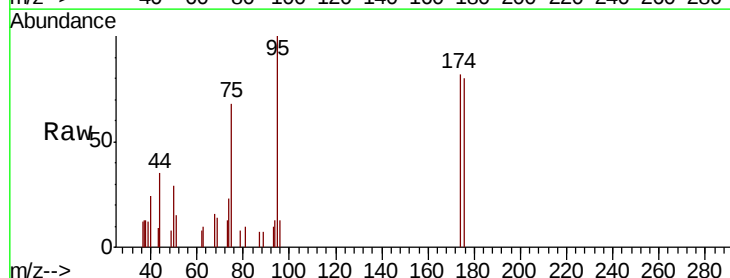
Tgt Ion: 95 Resp: 3532

Ion Ratio Lower Upper

95 100

174 82.6 0.0 159.4

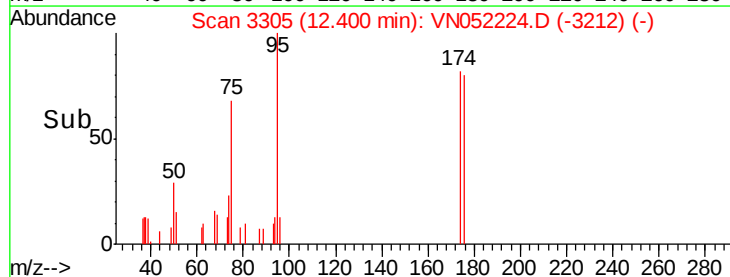
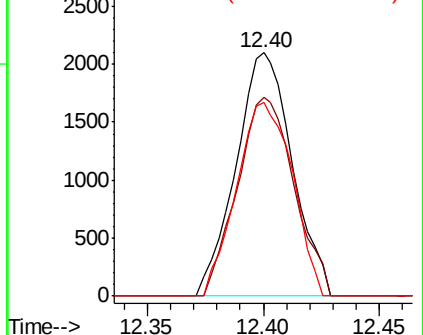
176 79.2 0.0 157.8

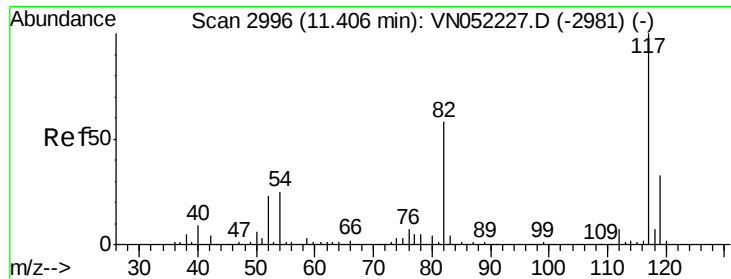


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

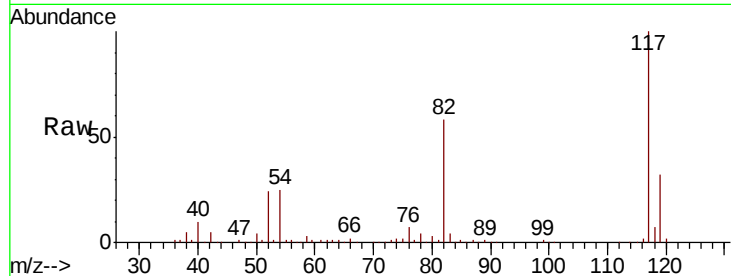




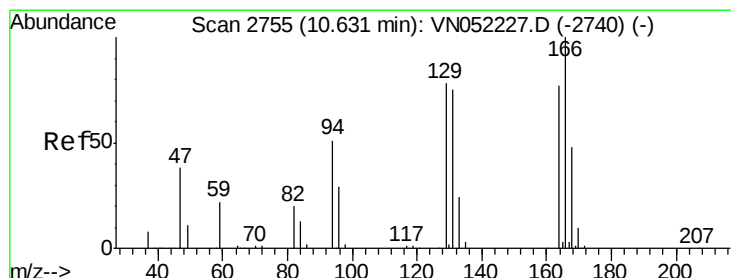
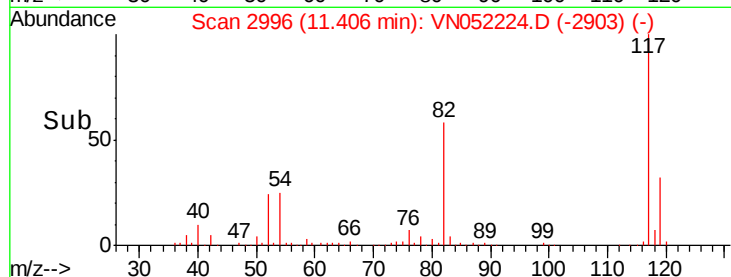
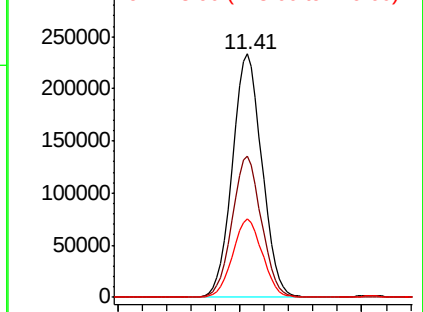
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 394712
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.2
119 32.1 26.2 39.4

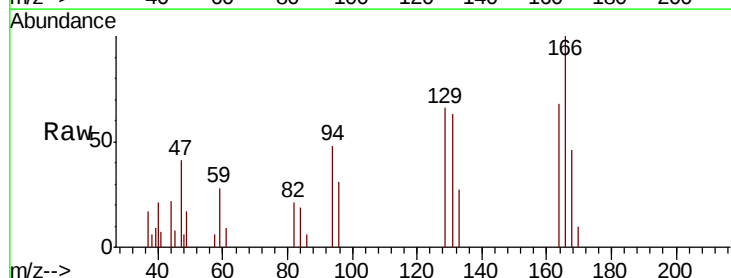


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

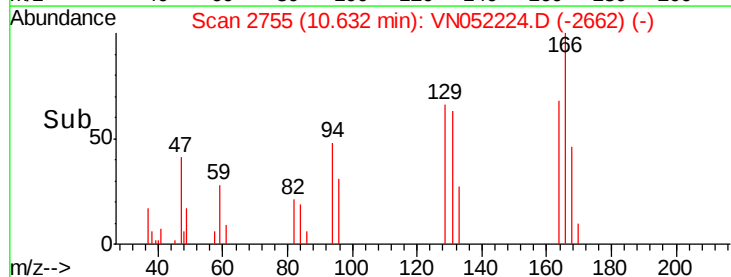
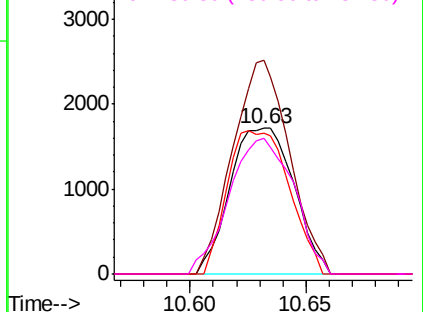


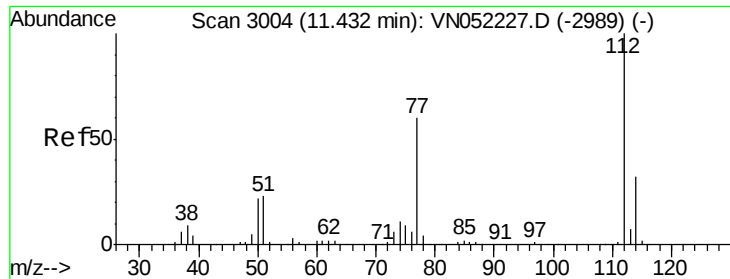
#64
Tetrachloroethene
Concen: 1.189 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Tgt Ion:164 Resp: 3287
Ion Ratio Lower Upper
164 100
166 146.6 103.6 155.4
129 96.3 81.0 121.6
131 93.0 77.9 116.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

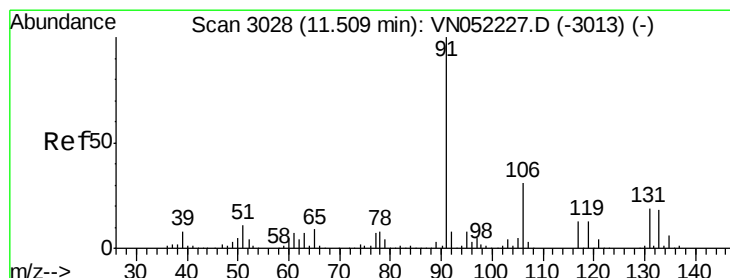
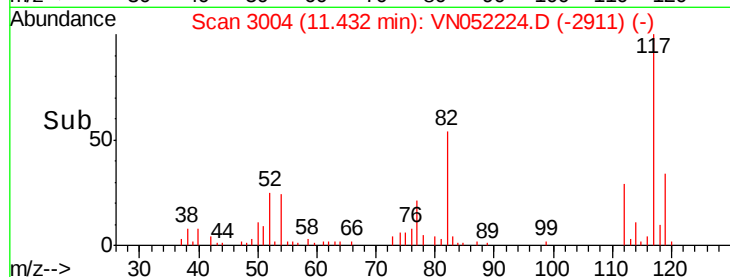
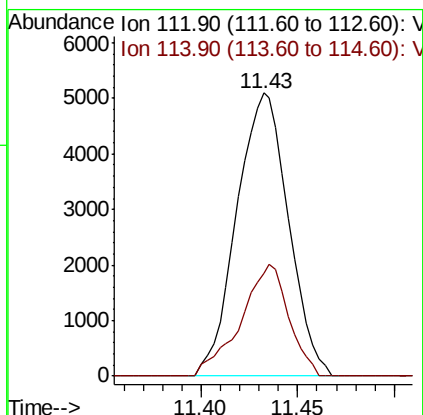
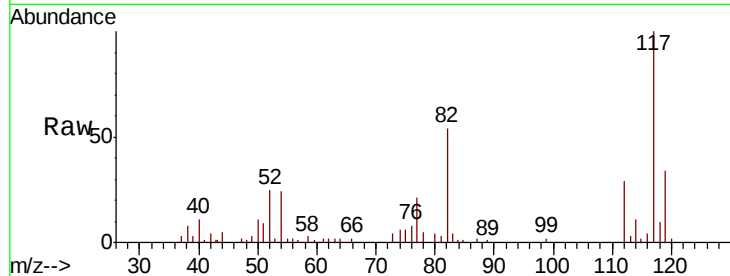




#65
Chlorobenzene
Concen: 1.134 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

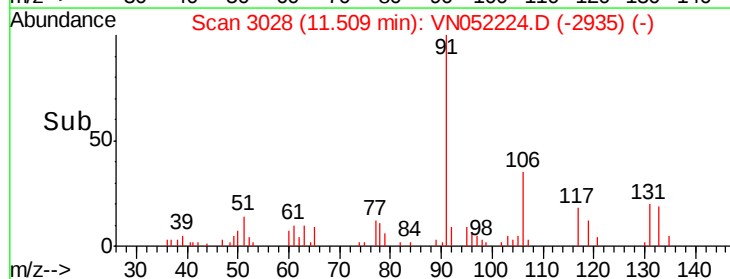
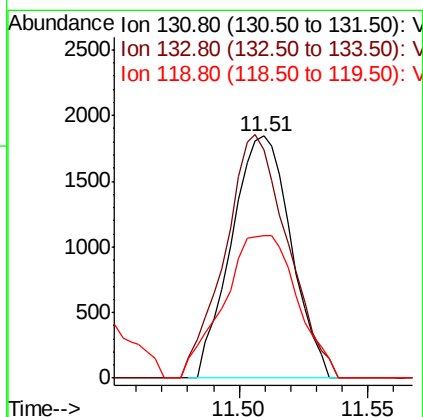
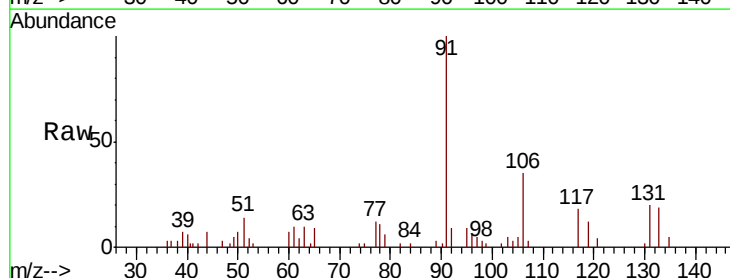
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

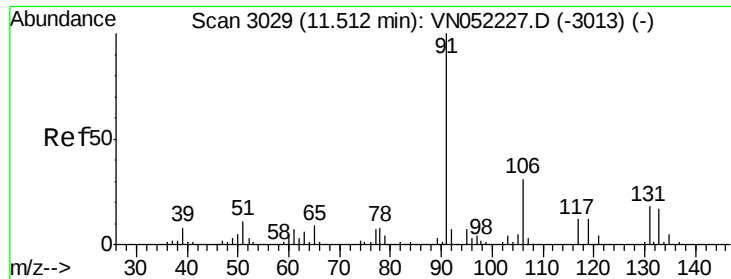
Tgt Ion:112 Resp: 9481
Ion Ratio Lower Upper
112 100
114 36.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 1.046 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Tgt Ion:131 Resp: 2964
Ion Ratio Lower Upper
131 100
133 106.2 48.3 144.9
119 0.0 34.6 103.9#

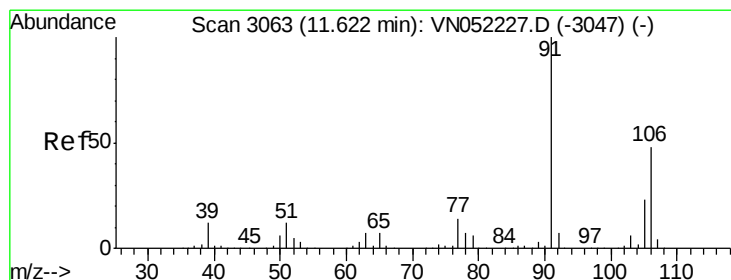
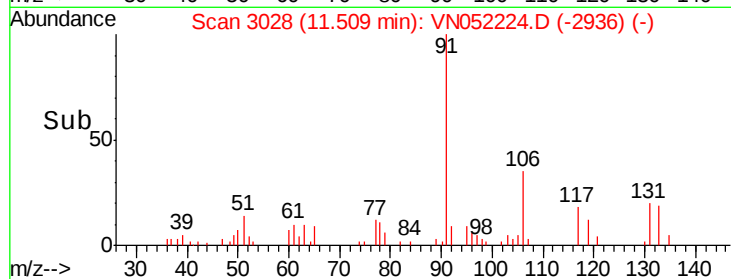
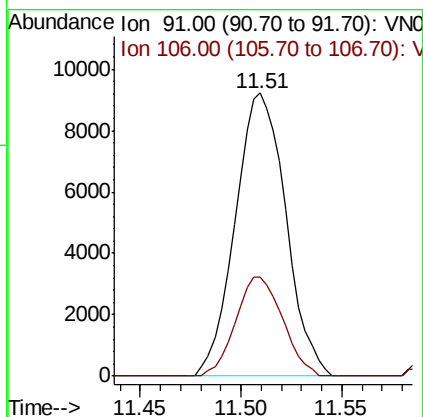
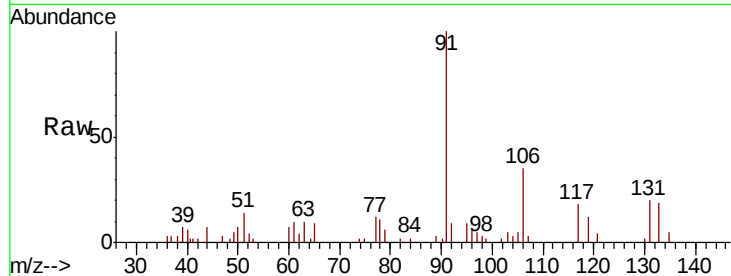




#67
Ethyl Benzene
Concen: 1.099 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

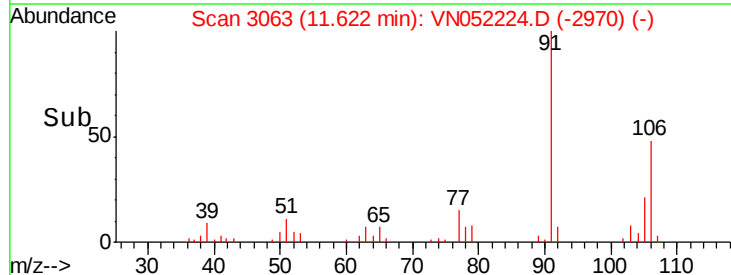
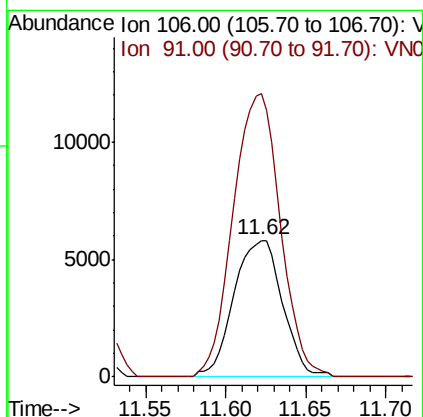
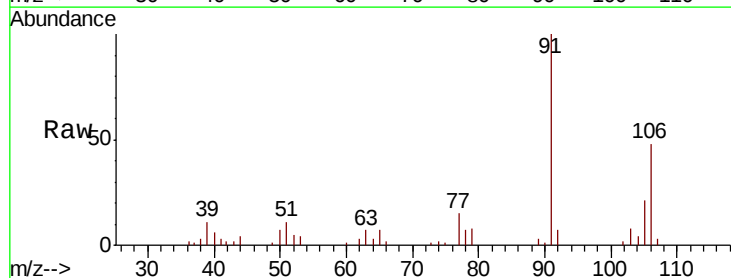
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

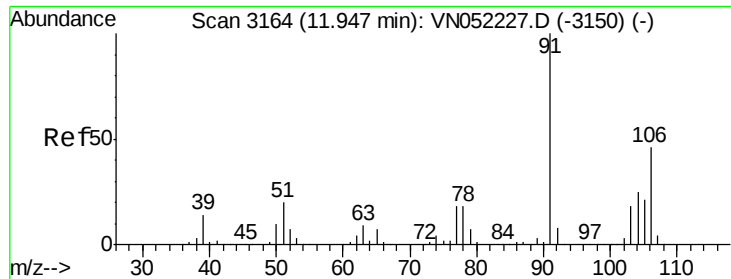
Tgt Ion: 91 Resp: 16173
Ion Ratio Lower Upper
91 100
106 35.2 24.7 37.1



#68
m/p-Xylenes
Concen: 2.202 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Tgt Ion: 106 Resp: 12062
Ion Ratio Lower Upper
106 100
91 201.2 165.7 248.5

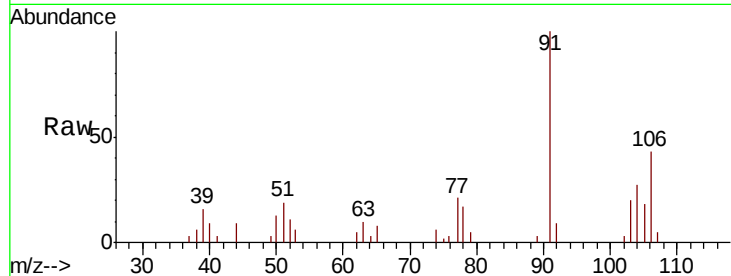




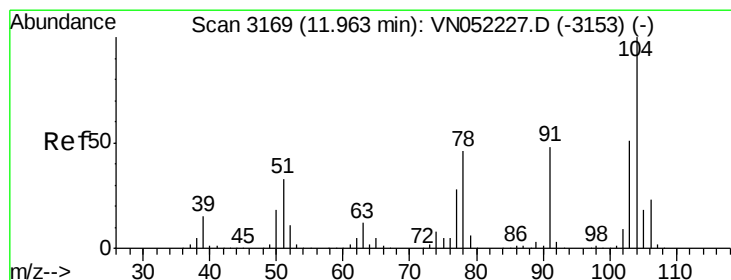
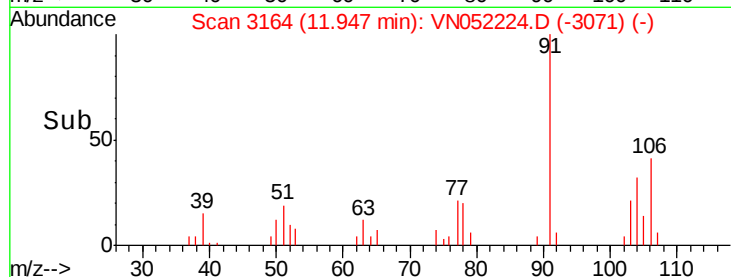
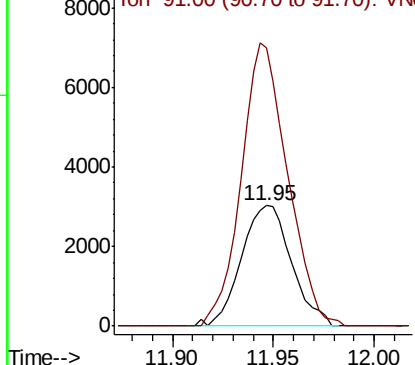
#69
o-Xylene
Concen: 1.007 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 5271
Ion Ratio Lower Upper
106 100
91 216.8 108.5 325.5

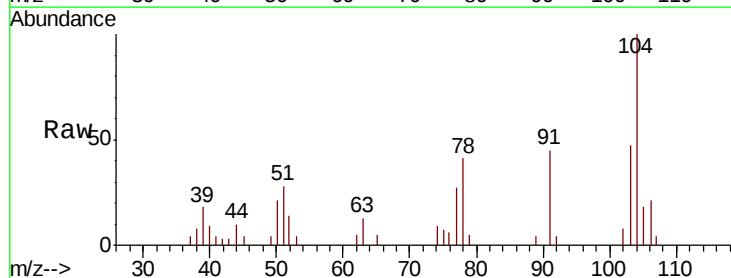


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

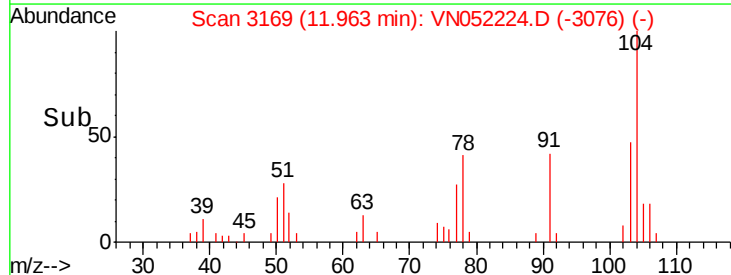
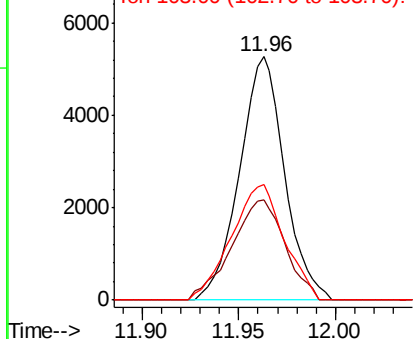


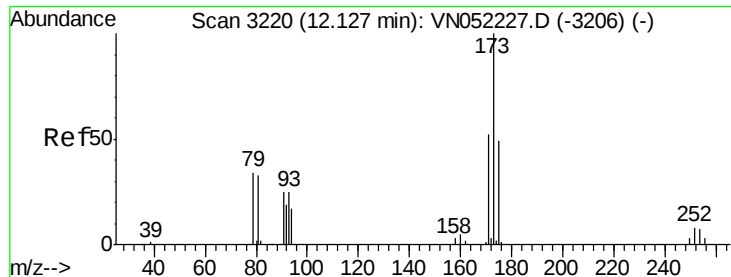
#70
Styrene
Concen: 1.008 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Tgt Ion:104 Resp: 8523
Ion Ratio Lower Upper
104 100
78 48.6 41.8 62.6
103 55.7 44.9 67.3



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

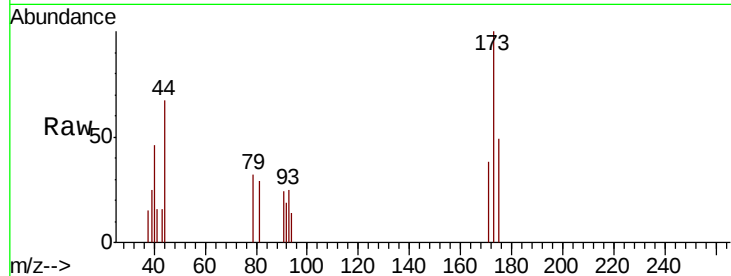




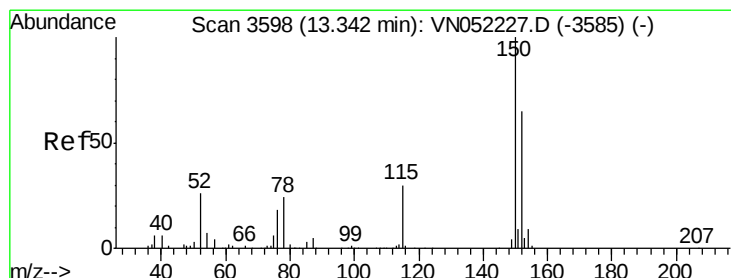
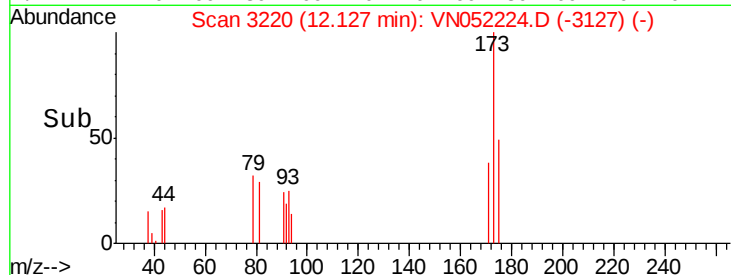
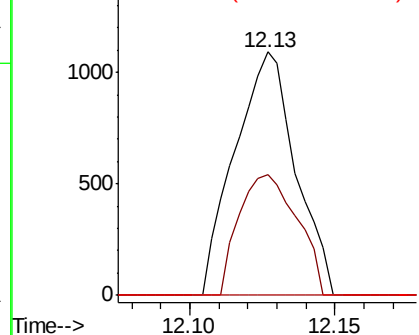
#71
Bromoform
Concen: 0.941 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:173 Resp: 1591
Ion Ratio Lower Upper
173 100
175 47.5 24.5 73.5
254 0.0 0.0 0.0

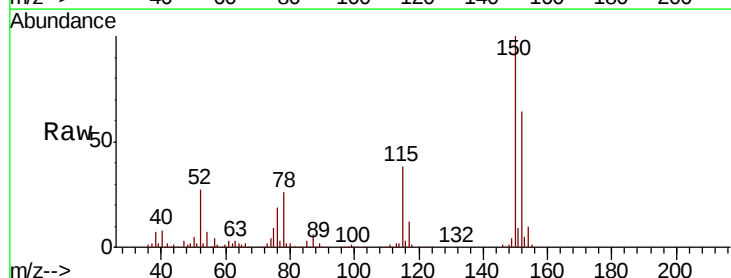


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

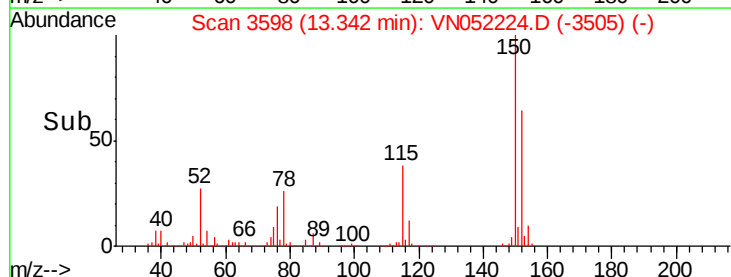
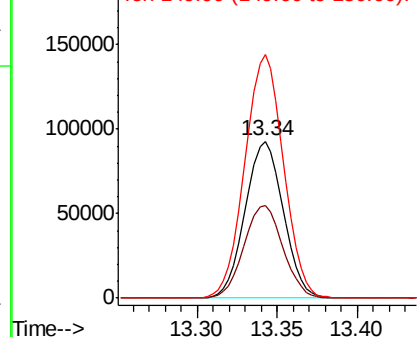


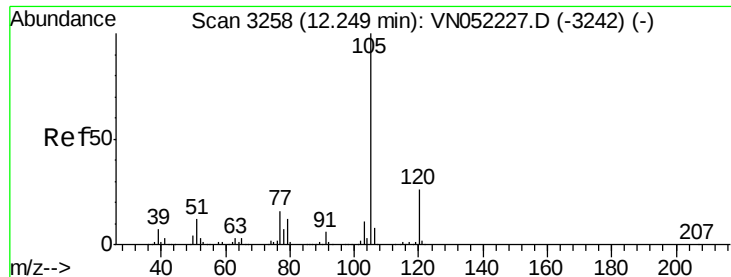
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052224.D
Acq: 9 Nov 2018 13:39

Tgt Ion:152 Resp: 150502
Ion Ratio Lower Upper
152 100
115 60.3 29.8 89.5
150 157.3 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: 1.122 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

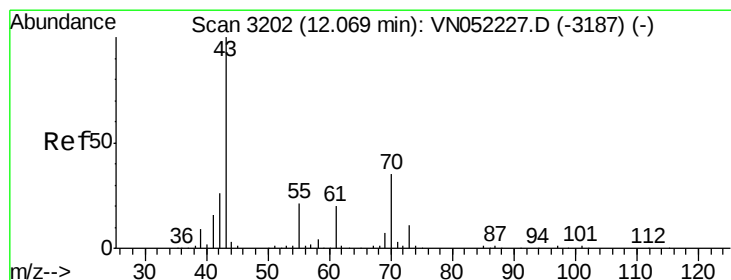
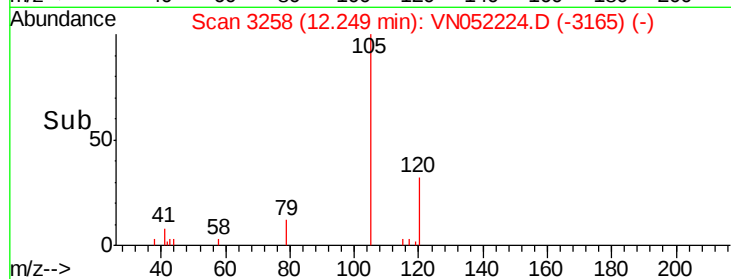
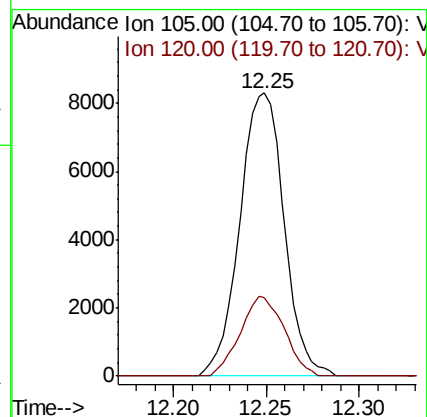
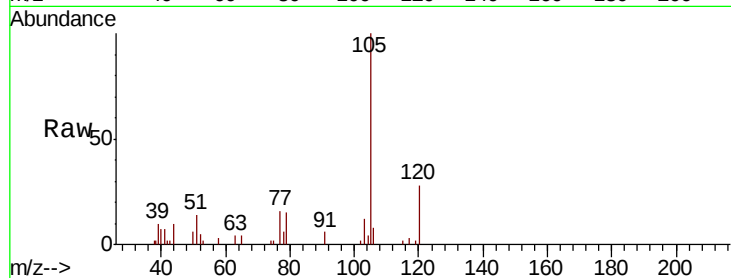
VSTDIC001

Tgt Ion:105 Resp: 13809

Ion Ratio Lower Upper

105 100

120 27.9 13.1 39.1



#74

N-ethyl acetate

Concen: 1.076 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Tgt Ion: 43 Resp: 4806

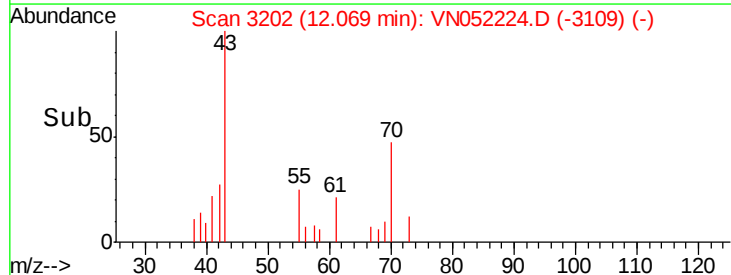
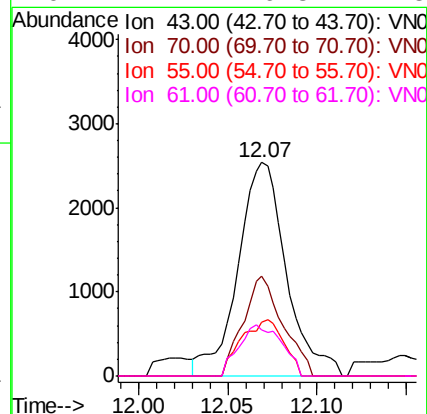
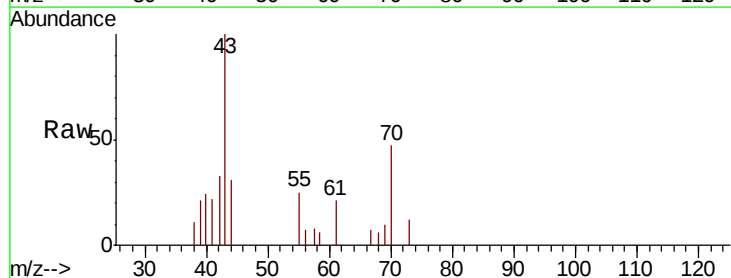
Ion Ratio Lower Upper

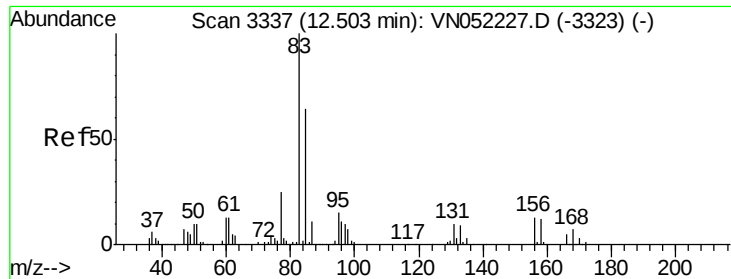
43 100

70 38.3 28.2 42.2

55 23.3 17.4 26.2

61 21.1 16.3 24.5





#75

1,1,2,2-Tetrachloroethane

Concen: 1.206 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

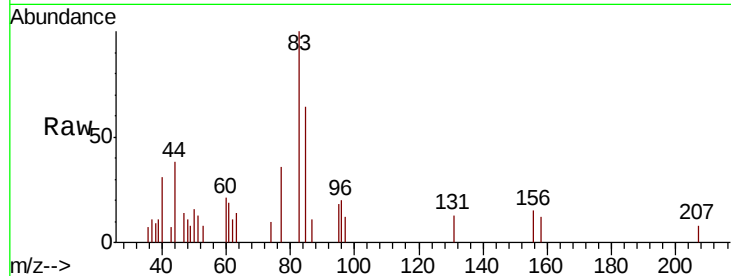
Tgt Ion: 83 Resp: 3637

Ion Ratio Lower Upper

83 100

131 9.5 5.1 15.2

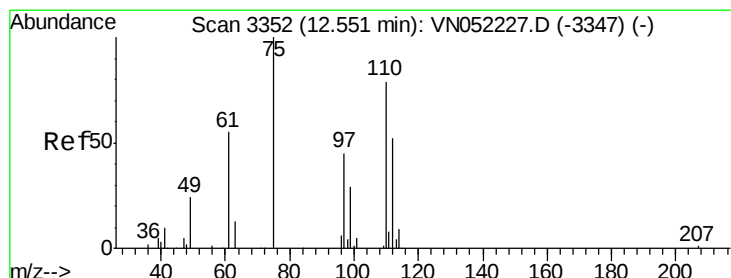
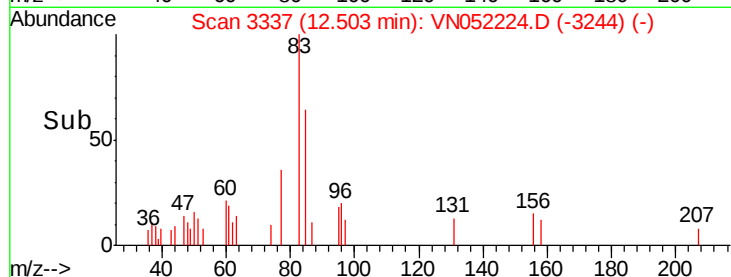
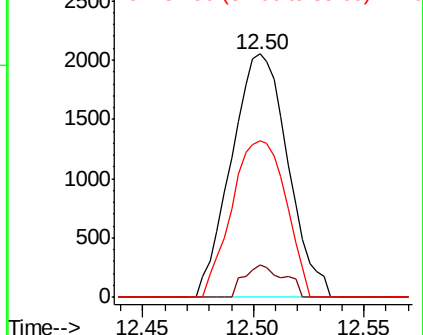
85 61.6 32.4 97.2



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: 1.795 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN052224.D

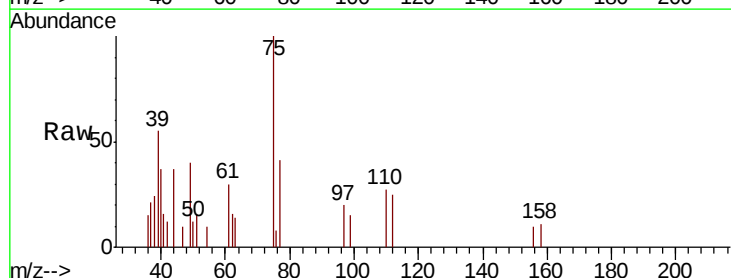
Acq: 9 Nov 2018 13:39

Tgt Ion: 75 Resp: 4335

Ion Ratio Lower Upper

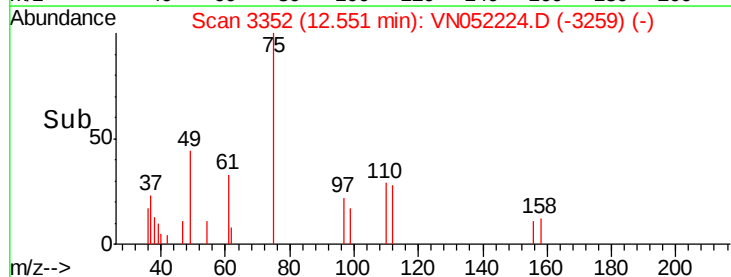
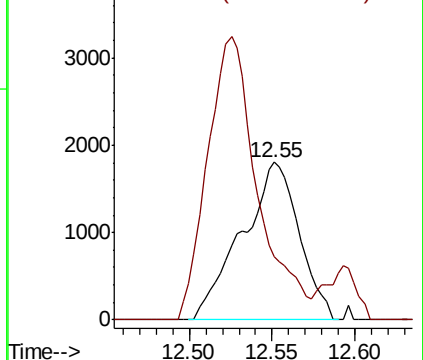
75 100

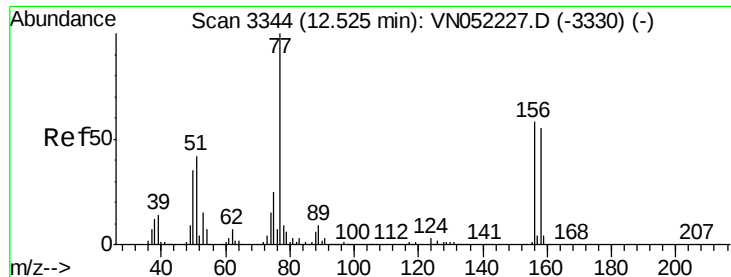
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 1.192 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

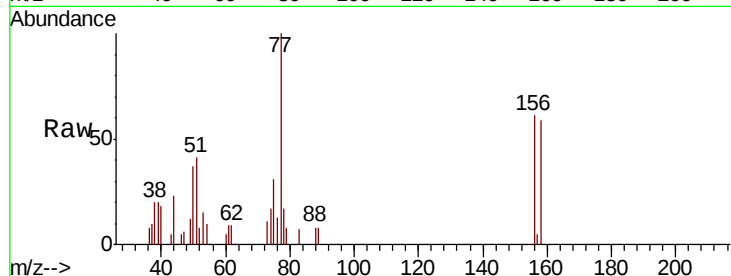
Tgt Ion:156 Resp: 3432

Ion Ratio Lower Upper

156 100

77 198.3 101.1 303.3

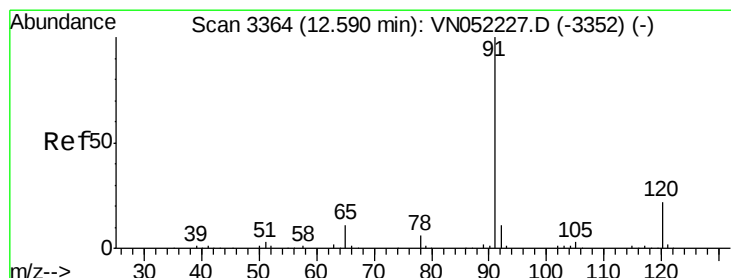
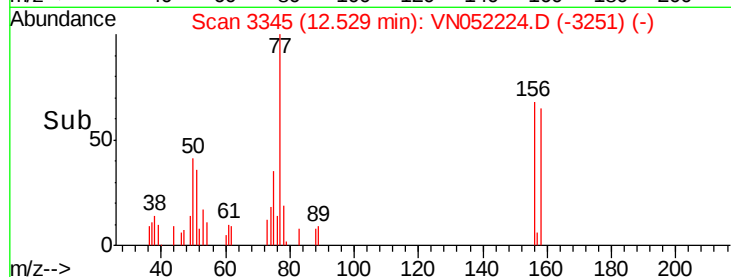
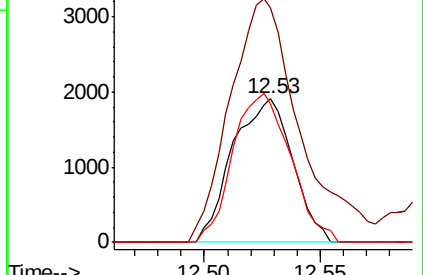
158 99.7 47.8 143.3



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: 1.138 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052224.D

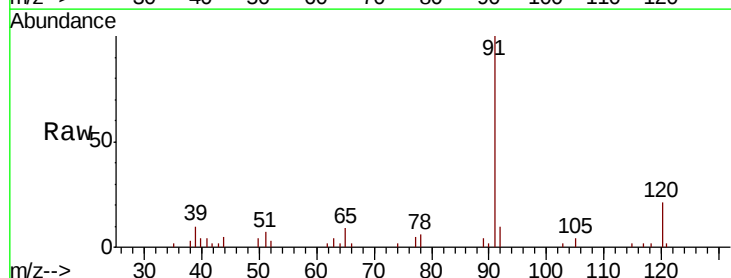
Acq: 9 Nov 2018 13:39

Tgt Ion: 91 Resp: 16405

Ion Ratio Lower Upper

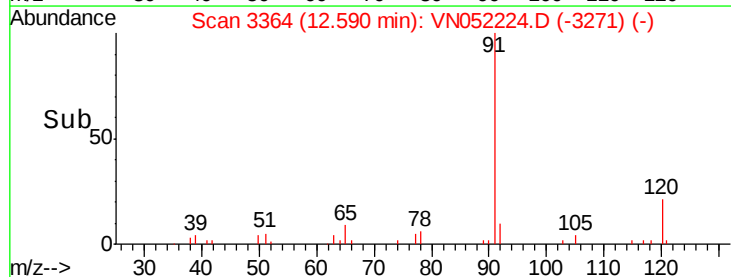
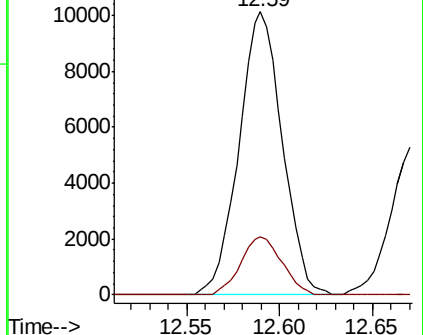
91 100

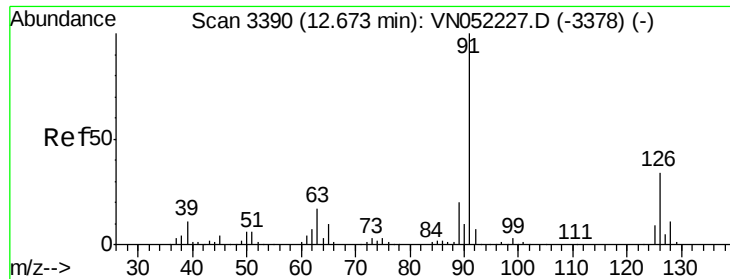
120 19.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

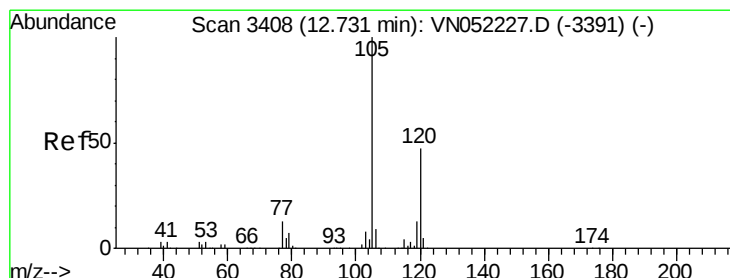
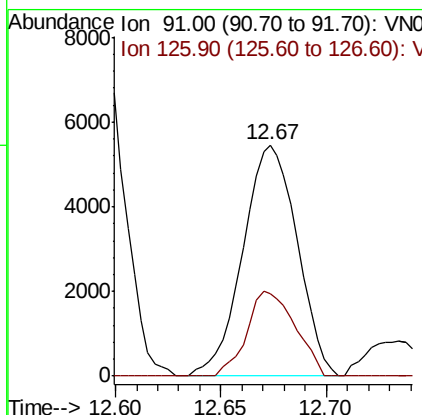
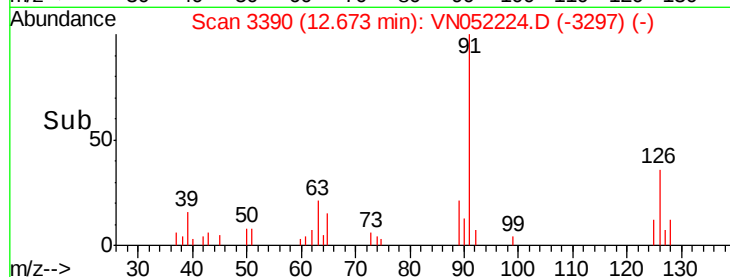
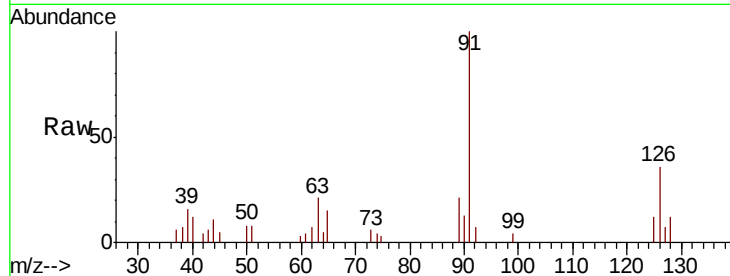




#79
 2-Chlorotoluene
 Concen: 1.168 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

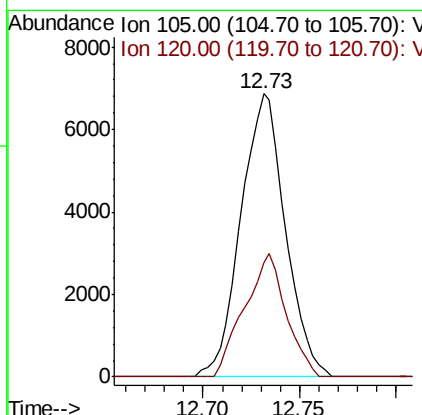
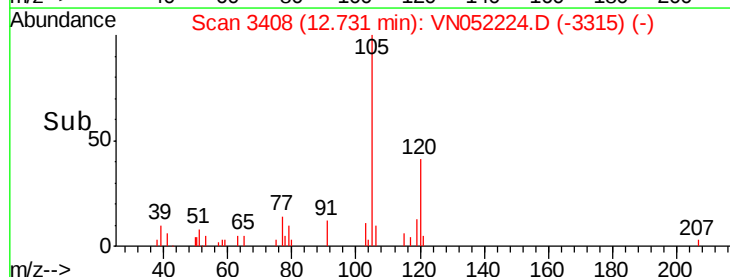
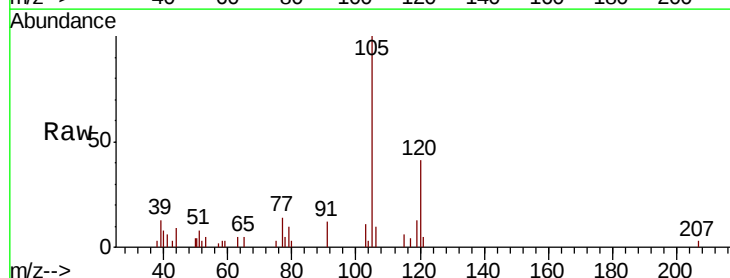
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

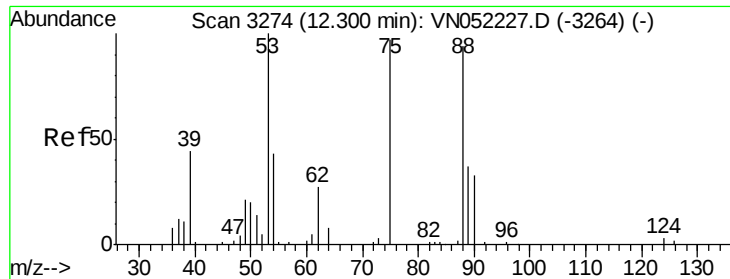
Tgt Ion: 91 Resp: 9751
 Ion Ratio Lower Upper
 91 100
 126 32.8 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 1.119 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

Tgt Ion: 105 Resp: 10946
 Ion Ratio Lower Upper
 105 100
 120 41.1 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 0.969 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

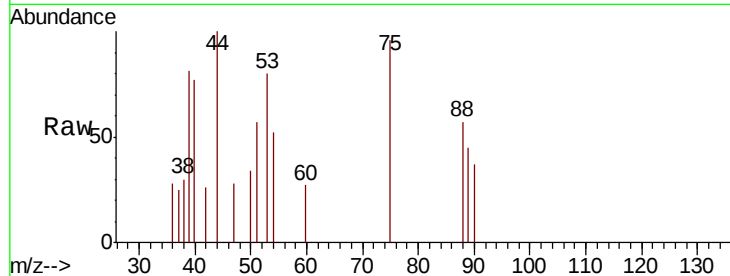
Tgt Ion: 75 Resp: 756

Ion Ratio Lower Upper

75 100

53 0.0 84.0 126.0#

89 31.2 33.7 50.5#

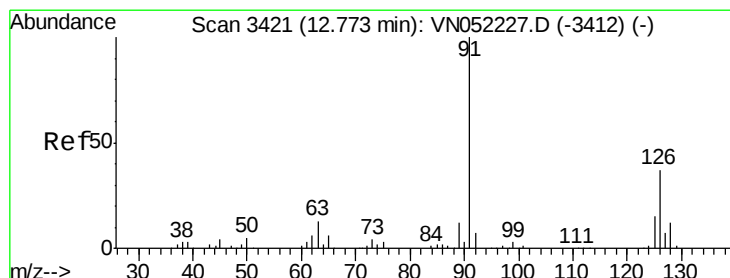
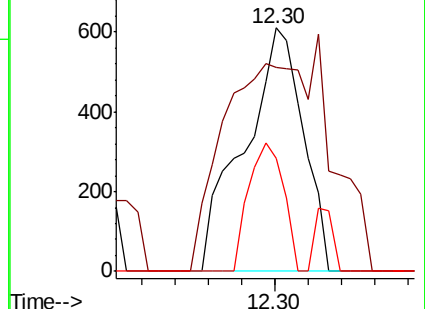
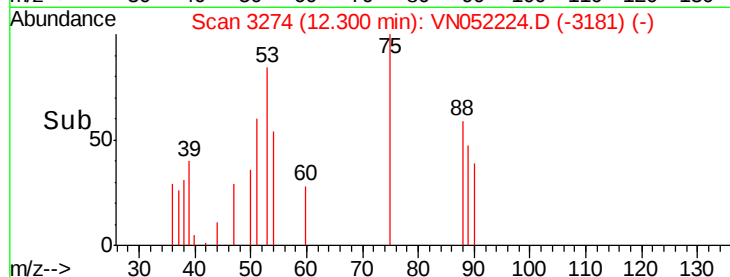


Abundance Ion 74.90 (74.60 to 75.60): VN052227.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052227.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052227.D (-3264) (-)

Time-->



#82

4-Chlorotoluene

Concen: 1.099 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN052224.D

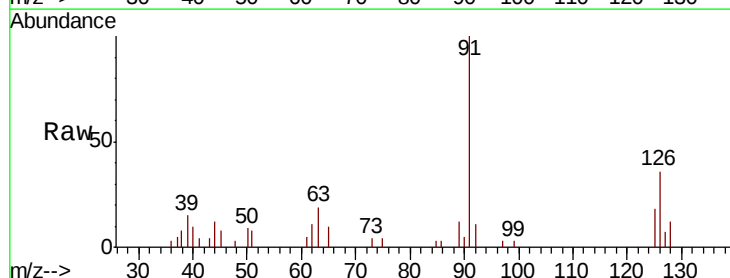
Acq: 9 Nov 2018 13:39

Tgt Ion: 91 Resp: 9205

Ion Ratio Lower Upper

91 100

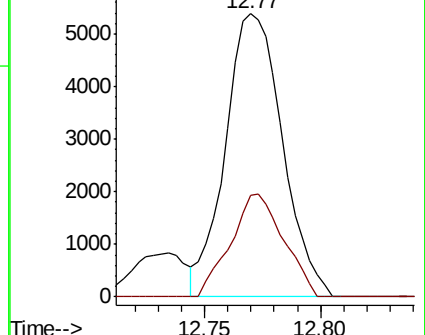
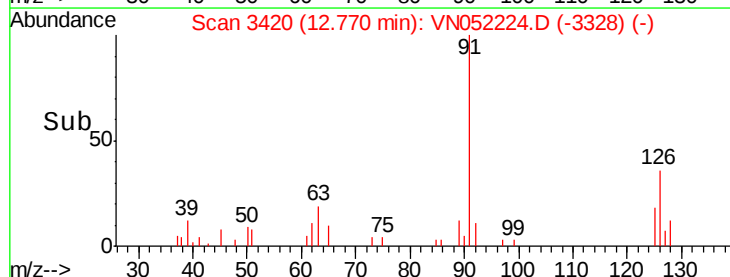
126 33.6 16.9 50.7

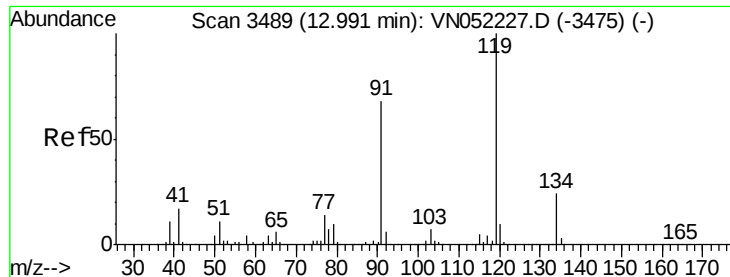


Abundance Ion 91.00 (90.70 to 91.70): VN052227.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN052227.D (-3412) (-)

Time-->

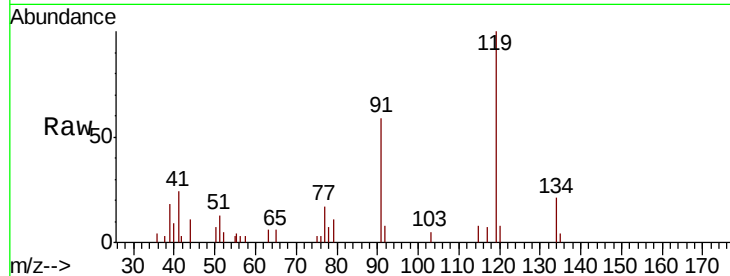




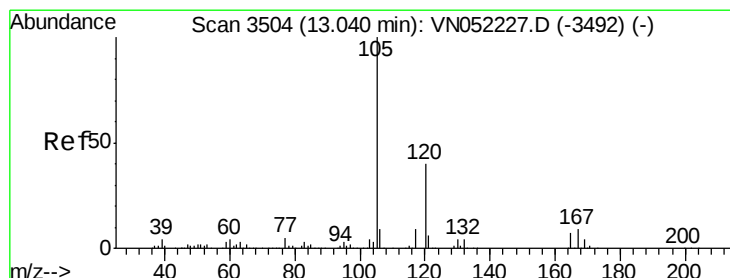
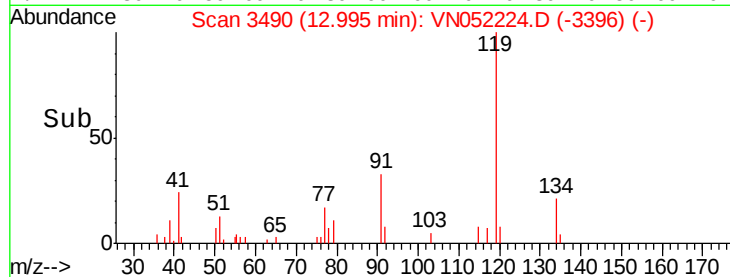
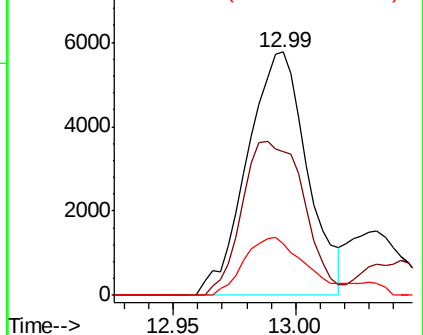
#83
 tert-Butylbenzene
 Concen: 1.152 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 9839
 Ion Ratio Lower Upper
 119 100
 91 65.3 33.5 100.4
 134 24.0 13.0 38.9

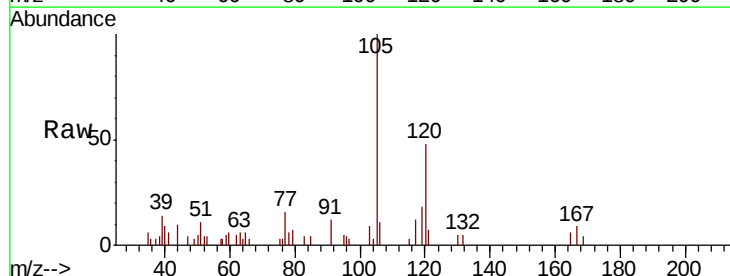


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

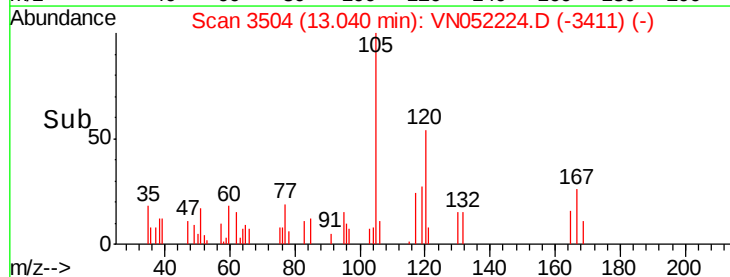
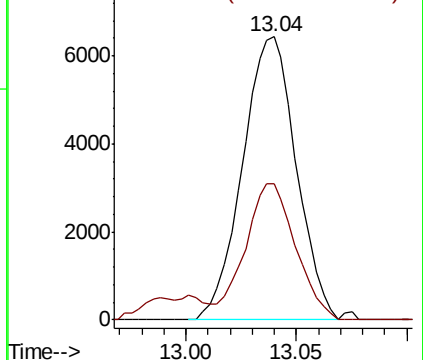


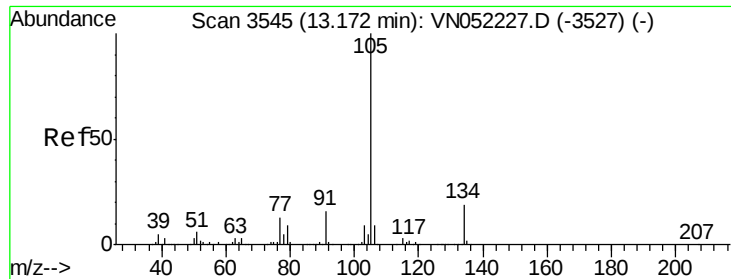
#84
 1,2,4-Trimethylbenzene
 Concen: 1.102 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

Tgt Ion:105 Resp: 10871
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

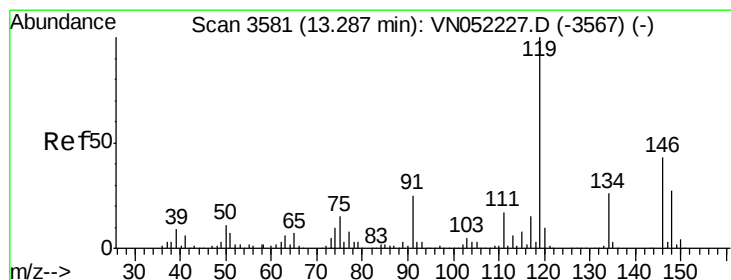
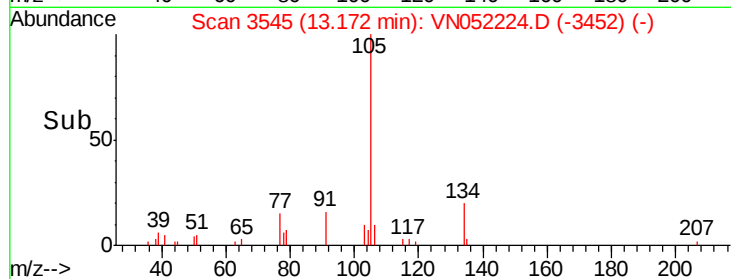
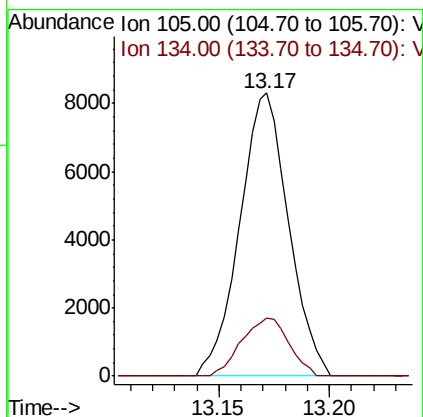
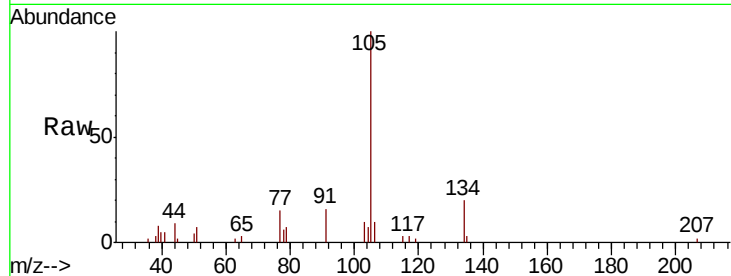




#85
 sec-Butylbenzene
 Concen: 1.088 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

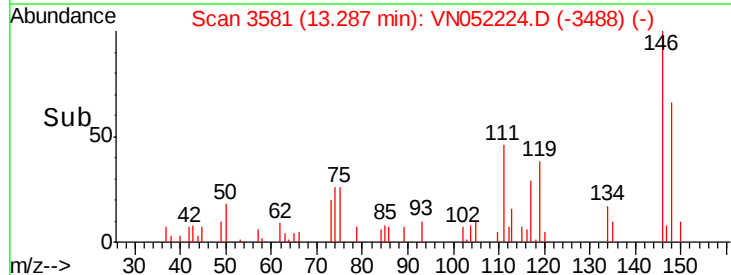
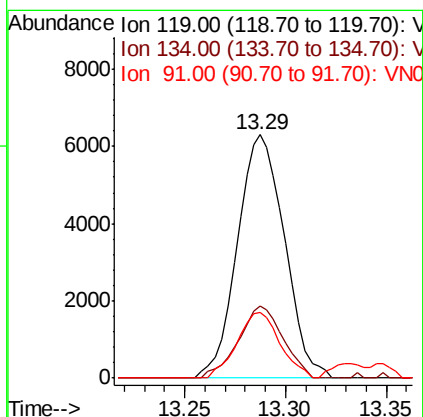
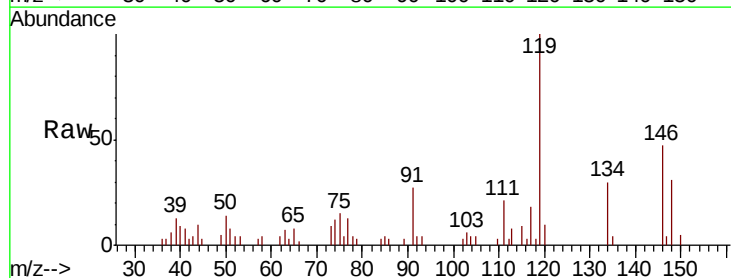
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

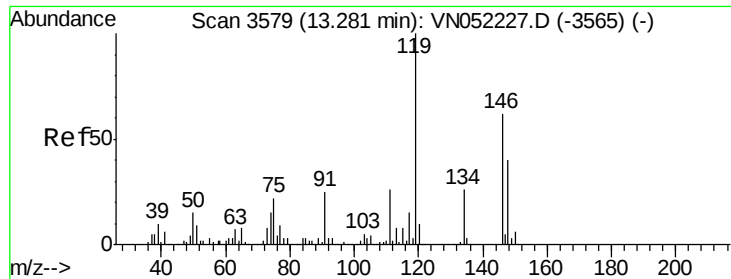
Tgt Ion:105 Resp: 12748
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 1.050 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

Tgt Ion:119 Resp: 10286
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.2 39.6
 91 24.8 12.4 37.0

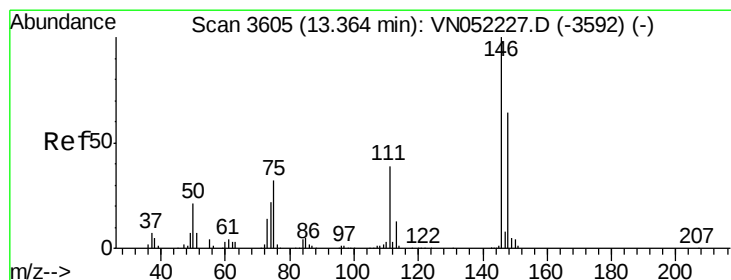
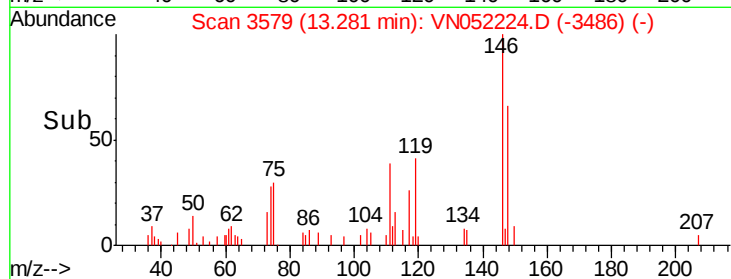
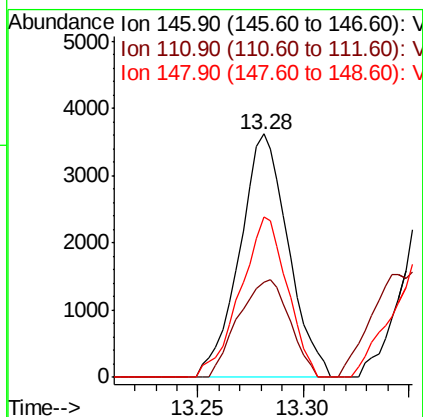
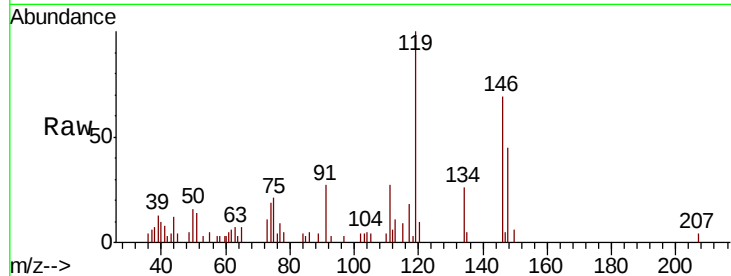




#87
 1,3-Dichlorobenzene
 Concen: 1.158 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

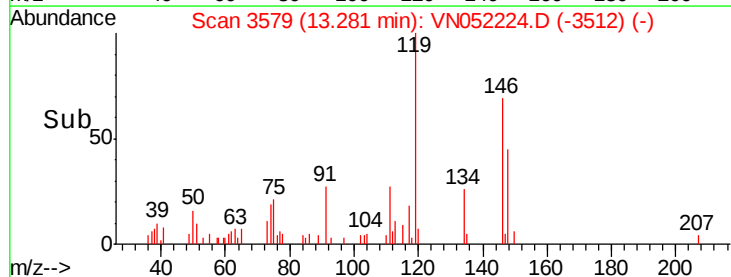
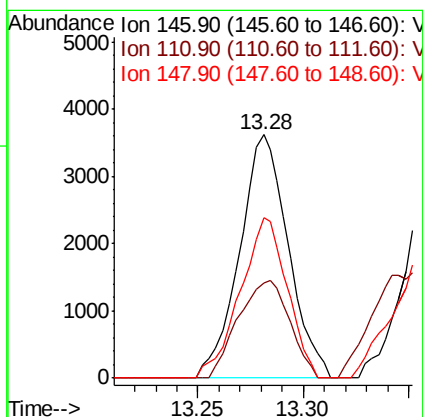
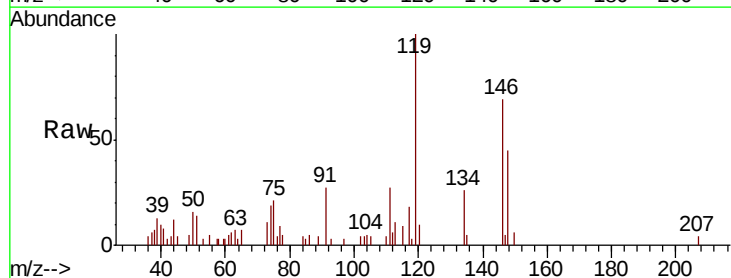
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

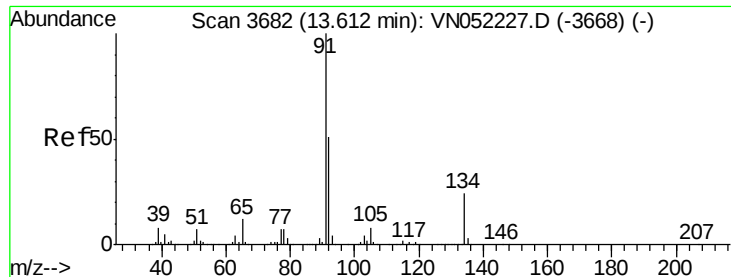
Tgt Ion:146 Resp: 5807
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.1 60.3
 148 63.4 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 1.157 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

Tgt Ion:146 Resp: 5807
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.2 60.6
 148 63.4 32.1 96.3





#89

n-Butylbenzene

Concen: 1.016 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

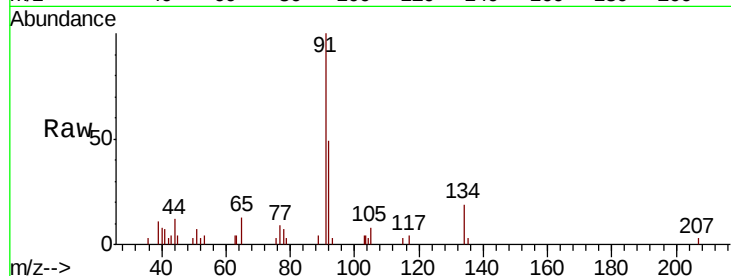
Tgt Ion: 91 Resp: 8868

Ion Ratio Lower Upper

91 100

92 48.2 25.1 75.3

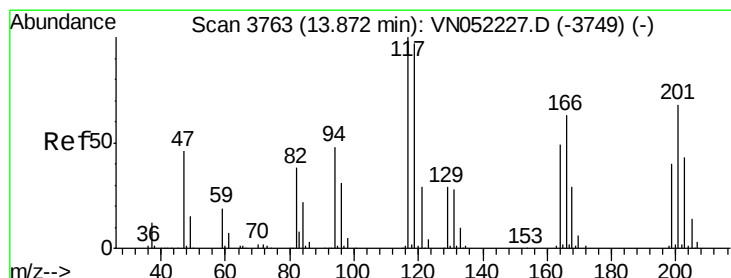
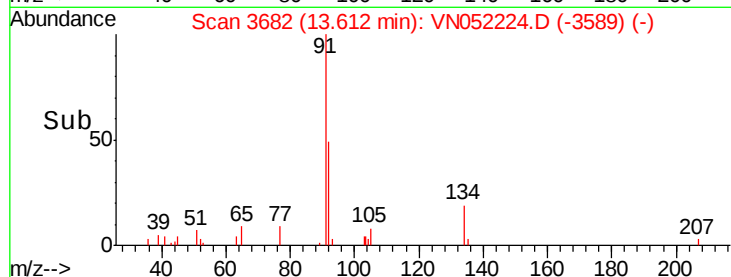
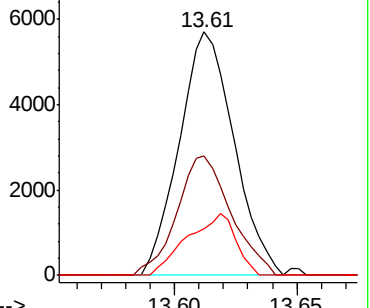
134 22.6 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN052227.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052227.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052227.D (-3668) (-)



#90

Hexachloroethane

Concen: 1.092 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. -0.01 min

Lab File: VN052224.D

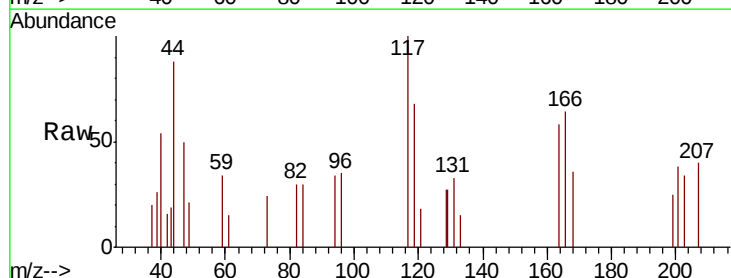
Acq: 9 Nov 2018 13:39

Tgt Ion: 117 Resp: 1879

Ion Ratio Lower Upper

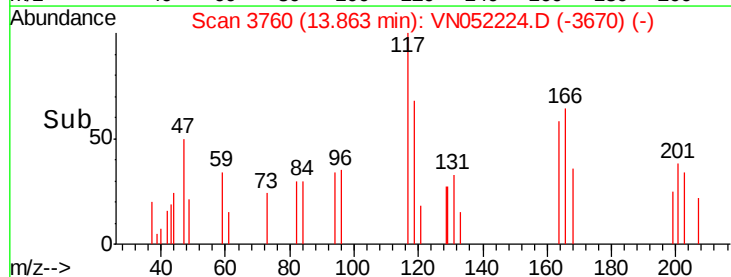
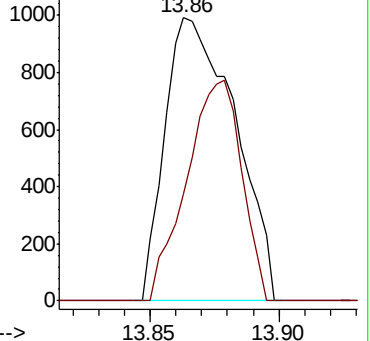
117 100

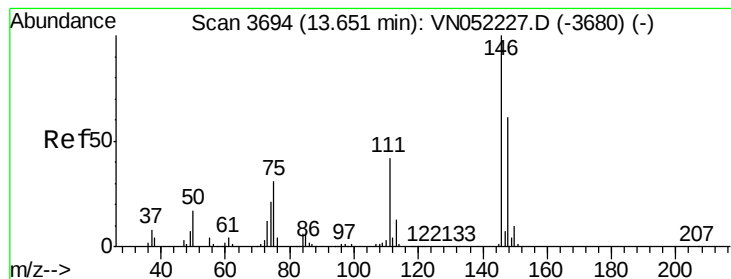
201 61.3 34.6 103.9



Abundance Ion 116.80 (116.50 to 117.50): VN052227.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052227.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 1.196 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

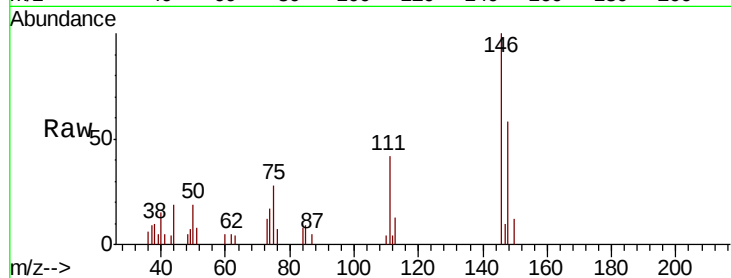
Tgt Ion: 146 Resp: 5850

Ion Ratio Lower Upper

146 100

111 40.8 21.1 63.3

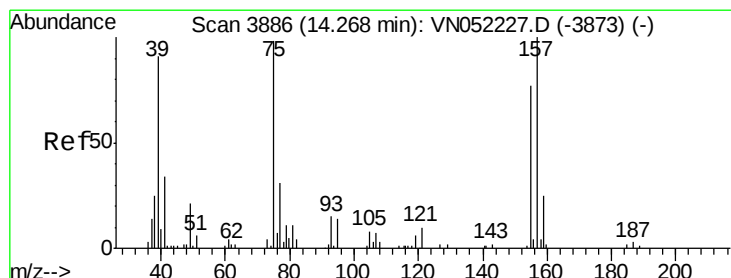
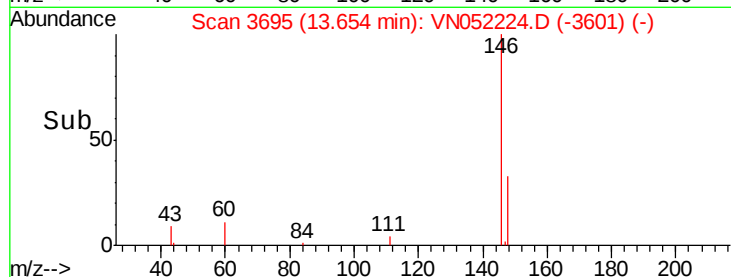
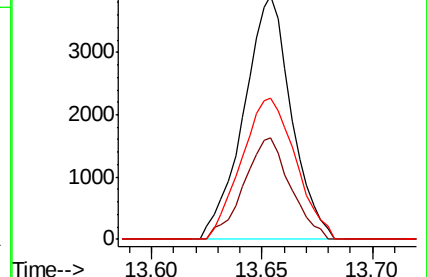
148 65.6 31.3 93.8



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: 1.026 ug/l

RT: 14.26 min Scan# 3884

Delta R.T. -0.01 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

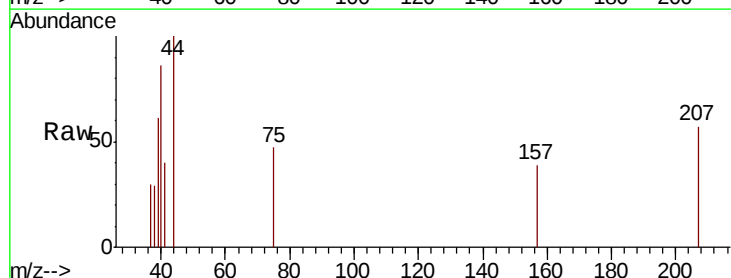
Tgt Ion: 75 Resp: 440

Ion Ratio Lower Upper

75 100

155 35.2 40.2 120.5#

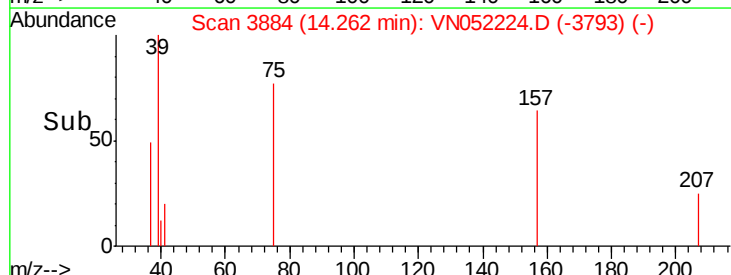
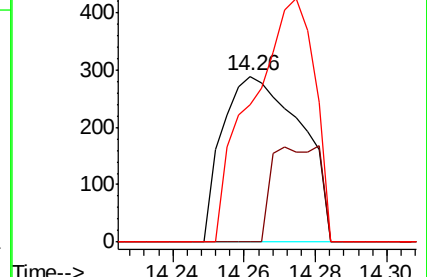
157 117.0 51.7 155.2

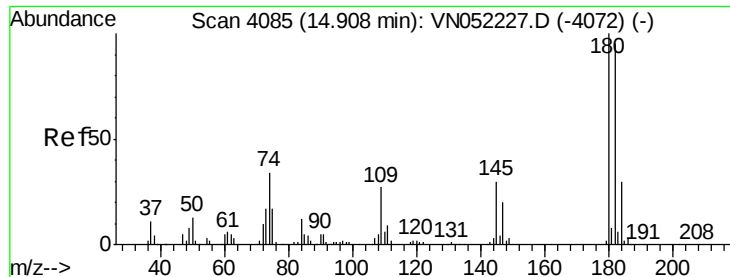


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

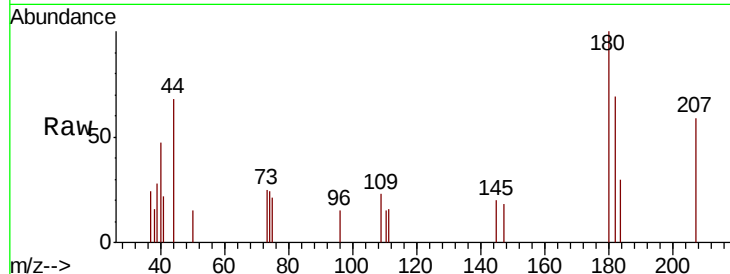




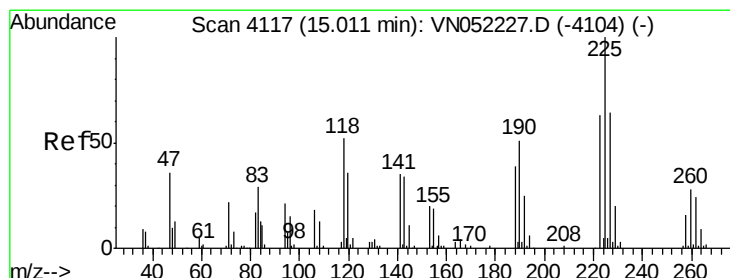
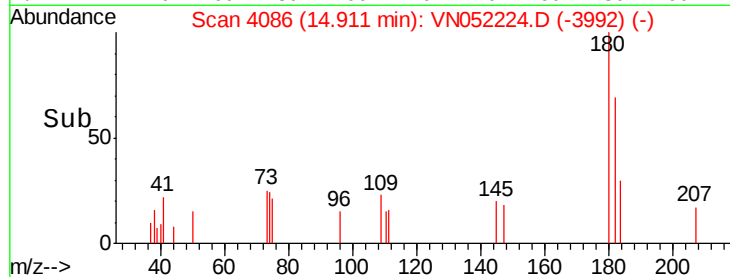
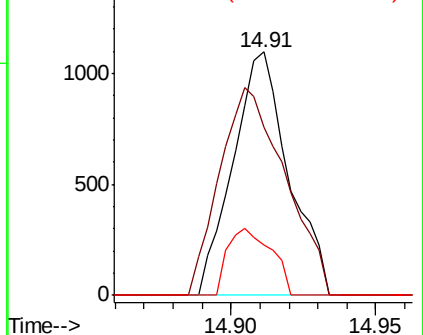
#93
 1,2,4-Trichlorobenzene
 Concen: 0.757 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 1464
 Ion Ratio Lower Upper
 180 100
 182 100.6 47.3 142.0
 145 21.4 15.6 46.8

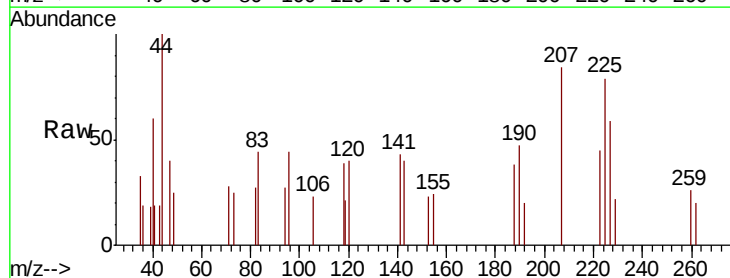


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

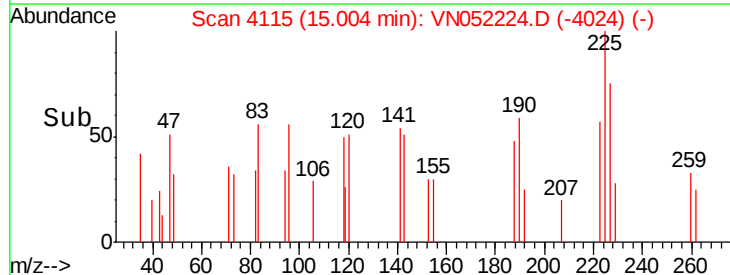
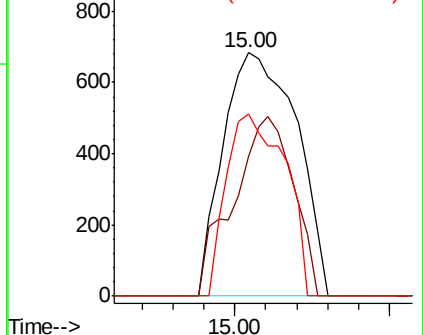


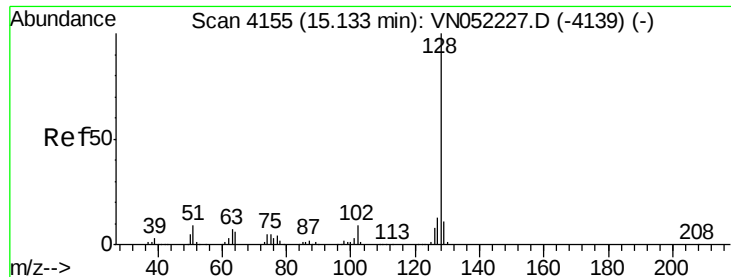
#94
 Hexachlorobutadiene
 Concen: 1.075 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.01 min
 Lab File: VN052224.D
 Acq: 9 Nov 2018 13:39

Tgt Ion:225 Resp: 1130
 Ion Ratio Lower Upper
 225 100
 223 60.4 32.1 96.3
 227 60.0 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: 0.847 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

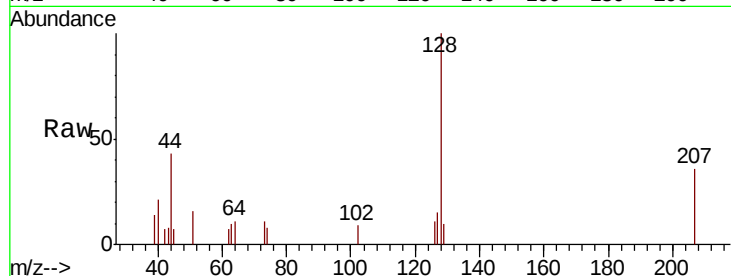
Tgt Ion:128 Resp: 4037

Ion Ratio Lower Upper

128 100

127 11.8 10.6 16.0

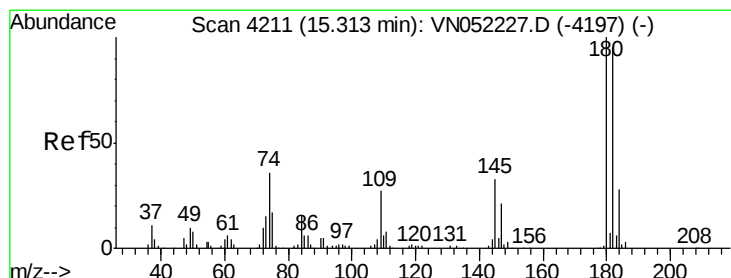
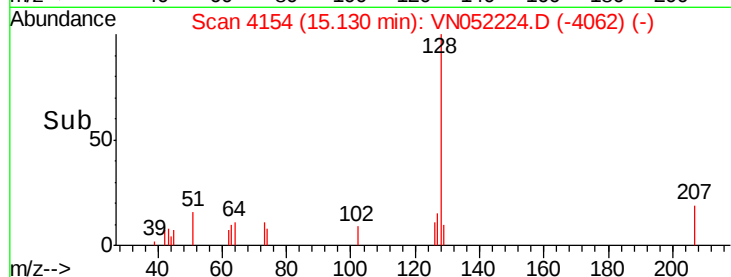
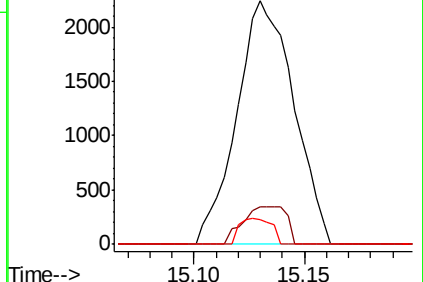
129 6.0 8.7 13.1#



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: 0.950 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN052224.D

Acq: 9 Nov 2018 13:39

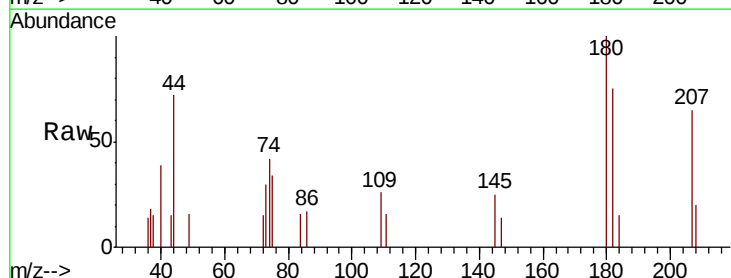
Tgt Ion:180 Resp: 1738

Ion Ratio Lower Upper

180 100

182 87.4 47.7 143.1

145 26.7 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

