

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
 Data File : VN053922.D
 Acq On : 25 Feb 2019 11:01
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Feb 26 06:10:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	676627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1102078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	923985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	338253	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	8147	1.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.06%	
35) Dibromofluoromethane	7.58	113	7069	0.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.98%	
50) Toluene-d8	10.09	98	23369	0.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.76%	
62) 4-Bromofluorobenzene	12.40	95	7896	0.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.78%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	6605	1.061 ug/l	100
3) Chloromethane	2.06	50	9068	1.050 ug/l	98
4) Vinyl Chloride	2.19	62	8986	1.038 ug/l #	87
5) Bromomethane	2.58	94	6348	1.108 ug/l	98
6) Chloroethane	2.71	64	6455	1.199 ug/l	92
7) Trichlorofluoromethane	3.02	101	12428	1.124 ug/l	93
8) Diethyl Ether	3.41	74	4291	1.036 ug/l	79
9) 1,1,2-Trichlorotrifluoroet	3.75	101	4184	0.599 ug/l #	40
10) Methyl Iodide	3.95	142	7409	0.807 ug/l	93
11) Tert butyl alcohol	4.77	59	2109	4.194 ug/l #	73
12) 1,1-Dichloroethene	3.74	96	7217	1.080 ug/l	97
13) Acrolein	3.61	56	2459	4.724 ug/l	89
14) Allyl chloride	4.33	41	12090	1.032 ug/l	90
15) Acrylonitrile	4.99	53	7296	2.753 ug/l #	49
16) Acetone	3.82	43	14957	Below Cal	91
17) Carbon Disulfide	4.05	76	23985	1.113 ug/l	100
18) Methyl Acetate	4.33	43	6465	1.166 ug/l #	86
19) Methyl tert-butyl Ether	5.05	73	16612	0.927 ug/l	93
20) Methylene Chloride	4.55	84	8879	1.131 ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	7457	1.032 ug/l	84
22) Diisopropyl ether	5.95	45	20020	0.886 ug/l #	86
23) Vinyl Acetate	5.90	43	68099	4.189 ug/l	99
24) 1,1-Dichloroethane	5.85	63	15007	1.083 ug/l	96
25) 2-Butanone	6.83	43	5430	1.744 ug/l #	88
26) 2,2-Dichloropropane	6.82	77	10001	1.016 ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	7839	0.975 ug/l	90
28) Bromochloromethane	7.19	49	6590	1.039 ug/l #	79
29) Tetrahydrofuran	7.21	42	5207	2.511 ug/l #	62
30) Chloroform	7.37	83	14590	1.086 ug/l	91
31) Cyclohexane	7.66	56	23299	1.439 ug/l #	22
32) 1,1,1-Trichloroethane	7.56	97	6660	0.601 ug/l #	20
36) 1,1-Dichloropropene	7.79	75	9456	0.923 ug/l	95
37) Ethyl Acetate	6.93	43	3946	0.539 ug/l #	88
38) Carbon Tetrachloride	7.77	117	12405	1.164 ug/l	91

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	12678	1.026	ug/l	92
40) Benzene	8.04	78	32564	1.034	ug/l	99
41) Methacrylonitrile	7.17	41	3310	0.702	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	9983	1.024	ug/l	97
43) Isopropyl Acetate	8.16	43	12064	0.976	ug/l #	72
44) Trichloroethene	8.83	130	9036	1.083	ug/l	96
45) 1,2-Dichloropropane	9.12	63	9013	1.061	ug/l	95
46) Dibromomethane	9.21	93	4996	1.013	ug/l	91
47) Bromodichloromethane	9.40	83	10738	1.033	ug/l	89
48) Methyl methacrylate	9.20	41	4989	0.878	ug/l #	91
49) 1,4-Dioxane	9.20	88	1388	18.031	ug/l #	79
51) 4-Methyl-2-Pentanone	9.99	43	26703	4.206	ug/l	97
52) Toluene	10.15	92	17923	0.967	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	8688	0.859	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	10966	0.920	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	6922	1.000	ug/l	99
56) Ethyl methacrylate	10.43	69	6257	2.617	ug/l #	83
57) 1,3-Dichloropropane	10.71	76	11365	0.971	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	10695	16.012	ug/l	98
59) 2-Hexanone	10.75	43	17476	4.232	ug/l	91
60) Dibromochloromethane	10.90	129	7868	1.023	ug/l	98
61) 1,2-Dibromoethane	11.00	107	6604	0.989	ug/l	92
64) Tetrachloroethene	10.63	164	8859	1.132	ug/l #	80
65) Chlorobenzene	11.43	112	20876	1.071	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	7304	1.039	ug/l #	59
67) Ethyl Benzene	11.51	91	31827	0.974	ug/l	97
68) m/p-Xylenes	11.62	106	23769	1.926	ug/l	97
69) o-Xylene	11.95	106	12040	0.993	ug/l	92
70) Styrene	11.96	104	15251	0.818	ug/l	97
71) Bromoform	12.13	173	4594	0.940	ug/l #	92
73) Isopropylbenzene	12.25	105	29209	1.109	ug/l	100
74) N-amyl acetate	12.07	43	6004	0.870	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.50	83	7579	1.151	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	8624	1.589	ug/l #	100
77) Bromobenzene	12.53	156	7434	1.112	ug/l	87
78) n-propylbenzene	12.59	91	31335	1.046	ug/l	100
79) 2-Chlorotoluene	12.67	91	19758	1.098	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	21830	1.013	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	1701	0.991	ug/l	88
82) 4-Chlorotoluene	12.77	91	17795	1.001	ug/l	96
83) tert-Butylbenzene	12.99	119	19568	1.026	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	20693	0.962	ug/l	99
85) sec-Butylbenzene	13.17	105	26945	1.035	ug/l	98
86) p-Isopropyltoluene	13.29	119	21722	0.987	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	11973	1.035	ug/l	96
88) 1,4-Dichlorobenzene	13.28	146	11973	1.067	ug/l	94
89) n-Butylbenzene	13.62	91	16963	0.914	ug/l	97
90) Hexachloroethane	13.88	117	4967	1.164	ug/l	86
91) 1,2-Dichlorobenzene	13.65	146	11778	1.052	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1033	1.110	ug/l	83

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QLast Update : Tue Feb 26 05:37:40 2019
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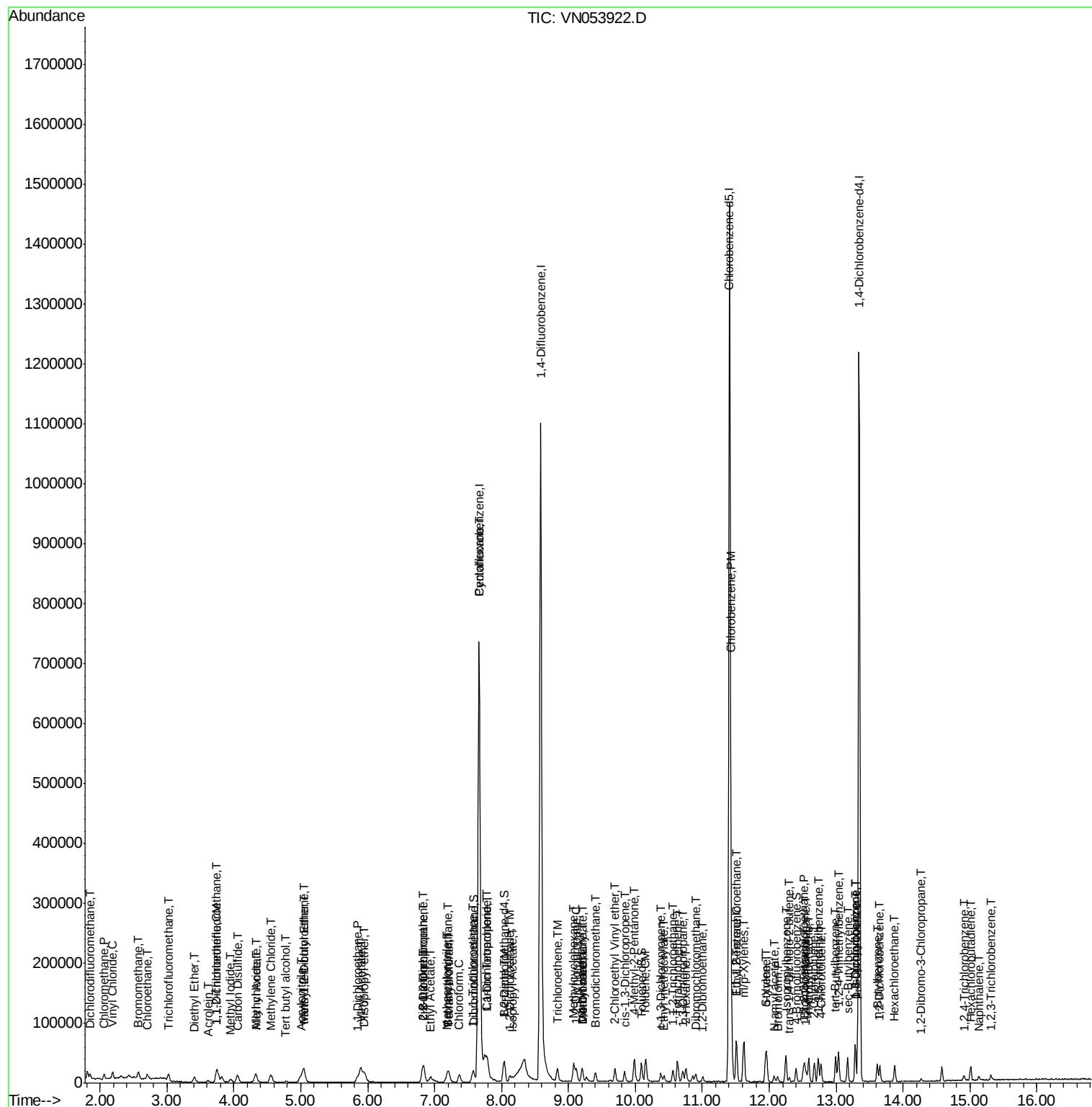
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	3176	2.711	ug/l	98
94) Hexachlorobutadiene	15.01	225	4724	1.168	ug/l	94
95) Naphthalene	15.14	128	5992	3.630	ug/l	95
96) 1,2,3-Trichlorobenzene	15.31	180	3642	2.150	ug/l	92

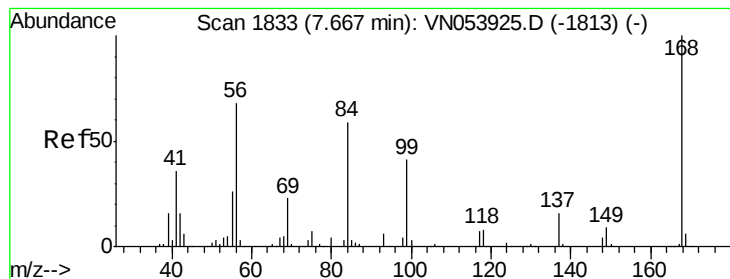
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
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 Acq On : 25 Feb 2019 11:01
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

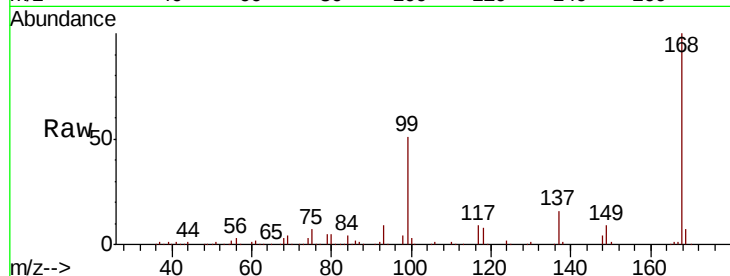
VSTDIC001

Tgt Ion:168 Resp: 676627

Ion Ratio Lower Upper

168 100

99 50.2 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

150000

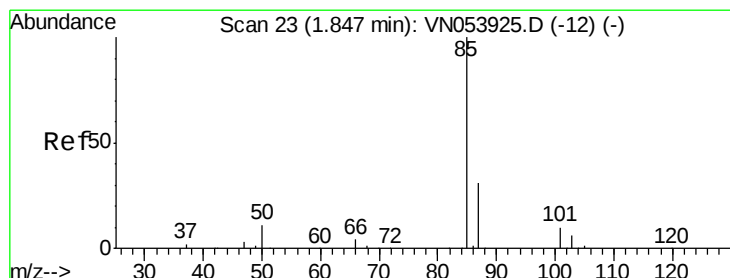
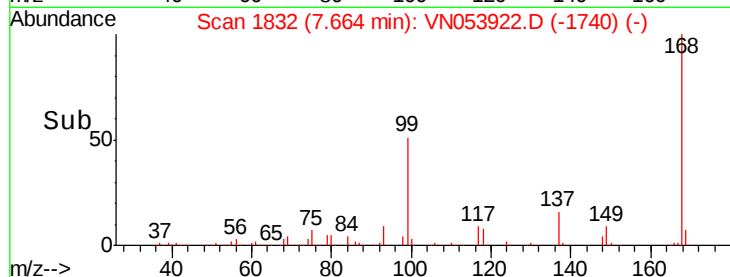
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 1.061 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN053922.D

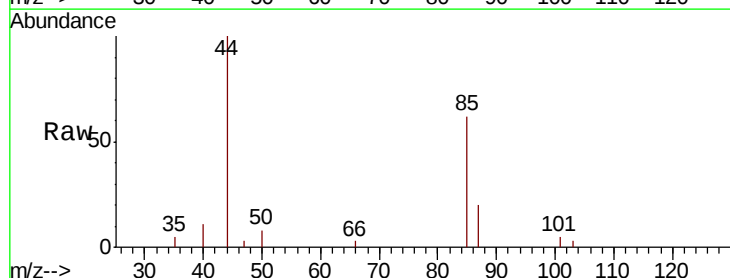
Acq: 25 Feb 2019 11:01

Tgt Ion: 85 Resp: 6605

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

5000

4000

3000

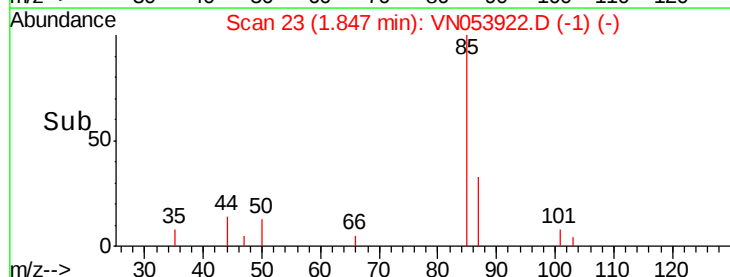
2000

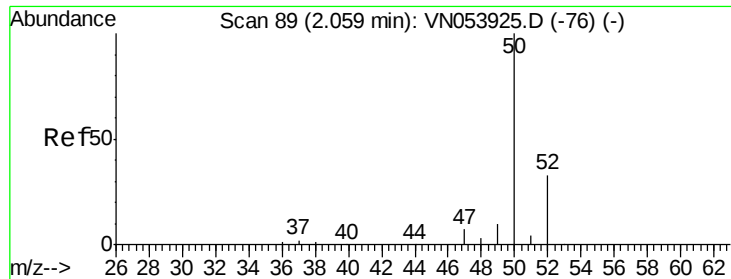
1000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 1.050 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

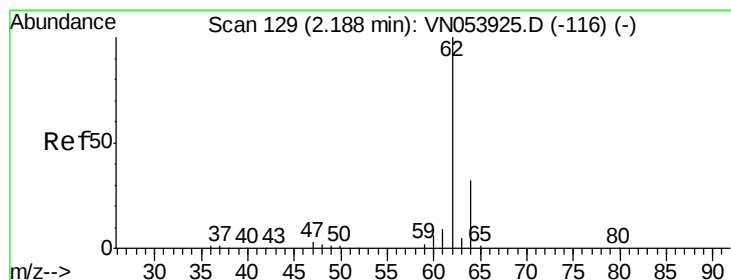
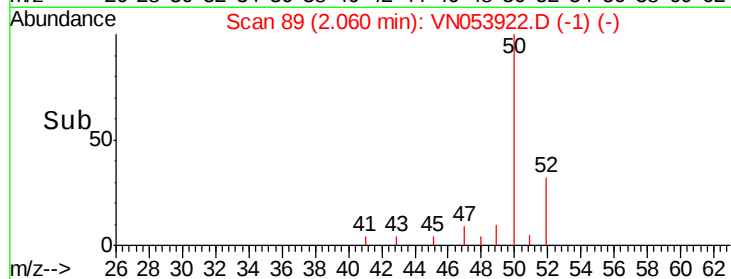
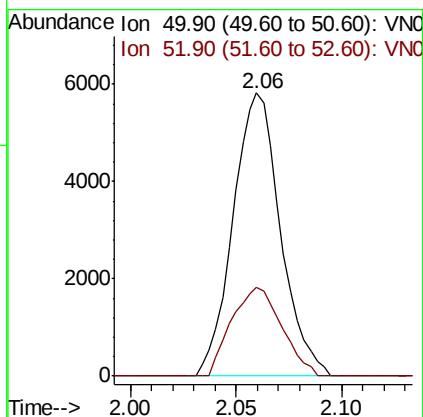
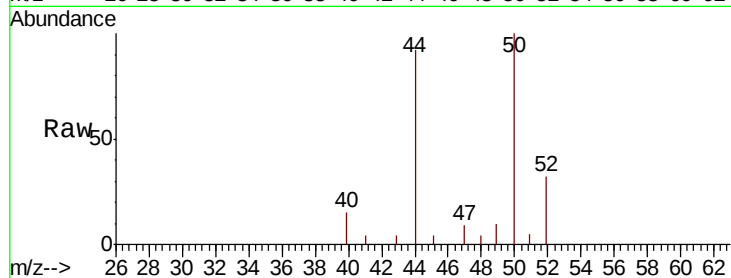
VSTDIC001

Tgt Ion: 50 Resp: 9068

Ion Ratio Lower Upper

50 100

52 31.5 26.0 39.0



#4

Vinyl Chloride

Concen: 1.038 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053922.D

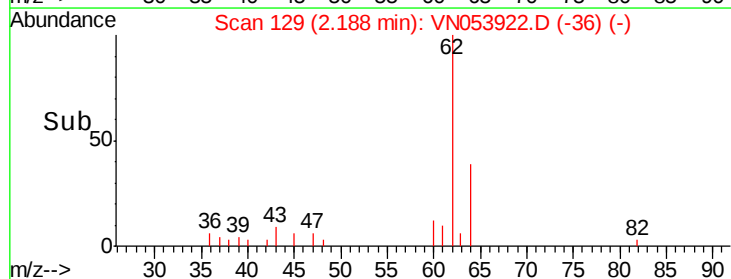
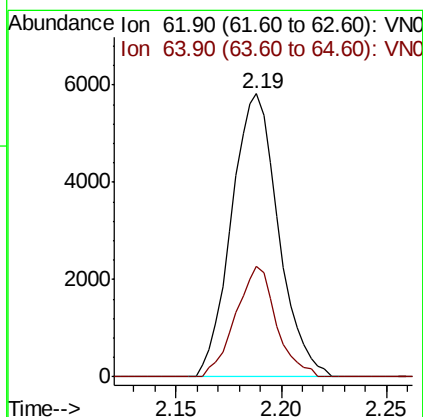
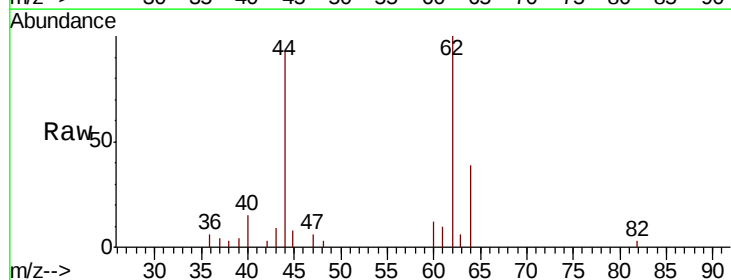
Acq: 25 Feb 2019 11:01

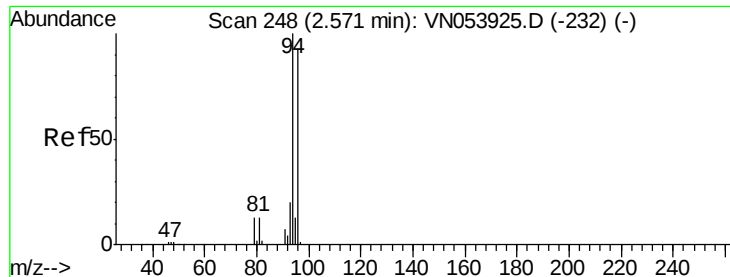
Tgt Ion: 62 Resp: 8986

Ion Ratio Lower Upper

62 100

64 38.9 25.1 37.7#





#5

Bromomethane

Concen: 1.108 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

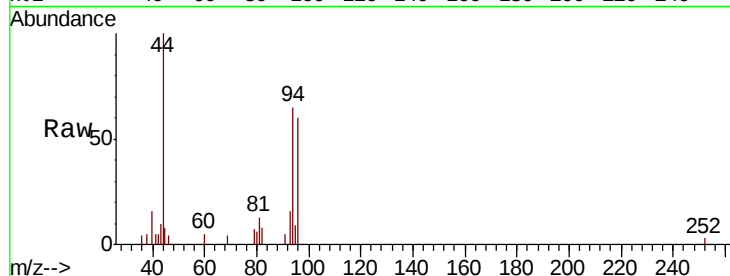
VSTDIC001

Tgt Ion: 94 Resp: 6348

Ion Ratio Lower Upper

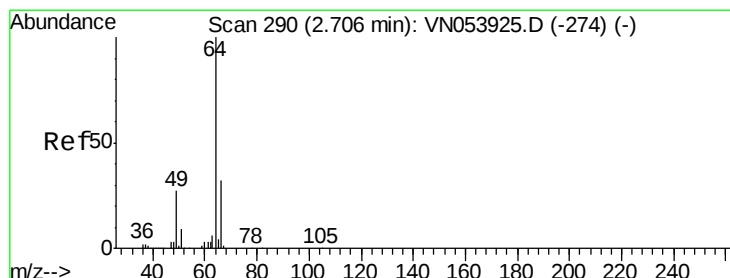
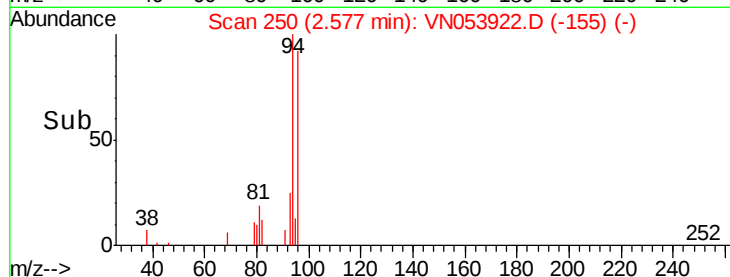
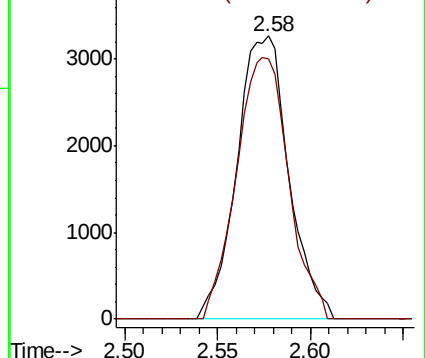
94 100

96 91.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN053922.D (-250) (-)

Ion 95.90 (95.60 to 96.60): VN053922.D (-250) (-)



#6

Chloroethane

Concen: 1.199 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN053922.D

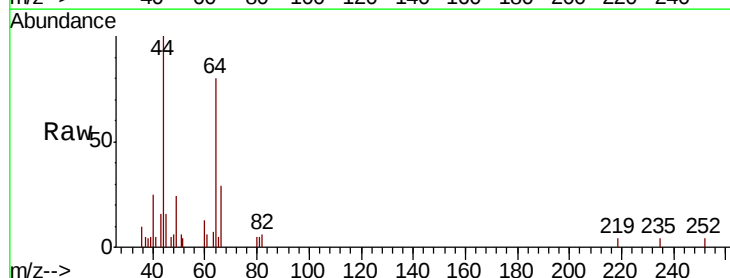
Acq: 25 Feb 2019 11:01

Tgt Ion: 64 Resp: 6455

Ion Ratio Lower Upper

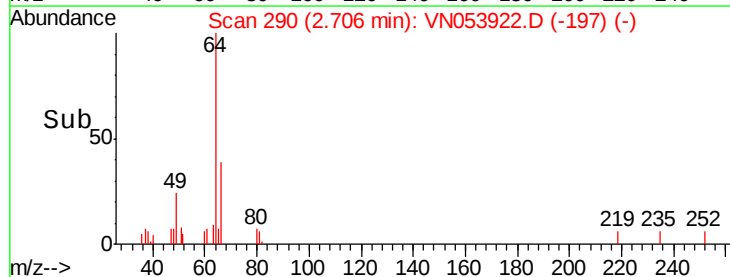
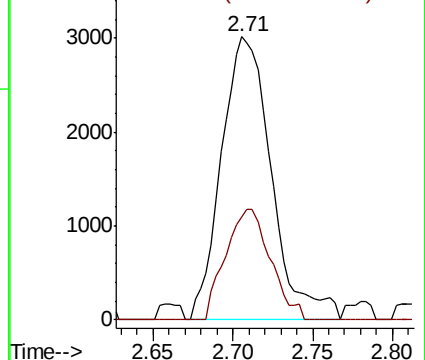
64 100

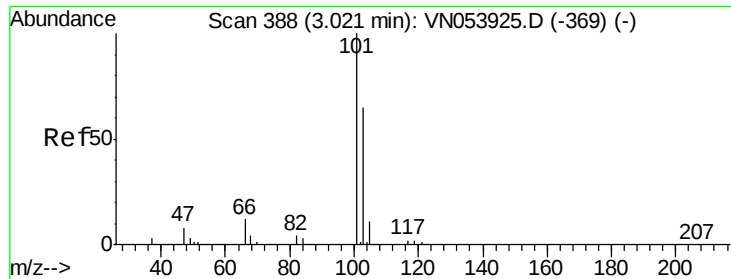
66 36.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN053922.D (-290) (-)

Ion 65.90 (65.60 to 66.60): VN053922.D (-290) (-)





#7

Trichlorofluoromethane

Concen: 1.124 ug/l

RT: 3.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN053922.D

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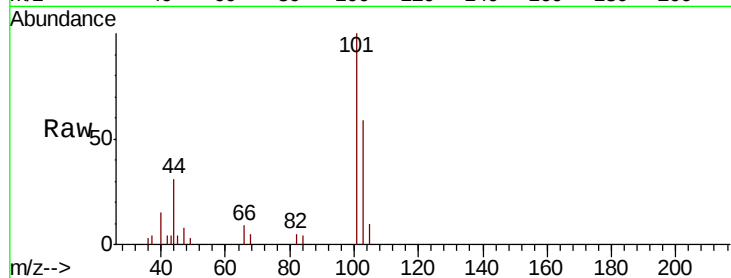
VSTDIC001

Tgt Ion:101 Resp: 12428

Ion Ratio Lower Upper

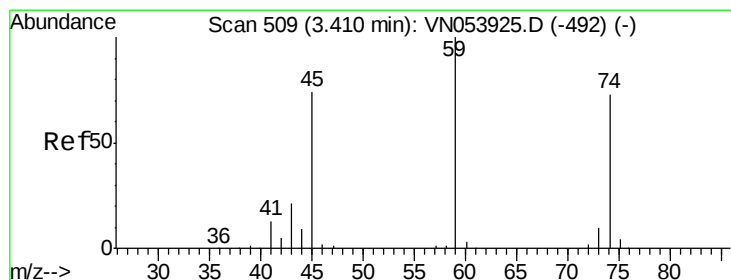
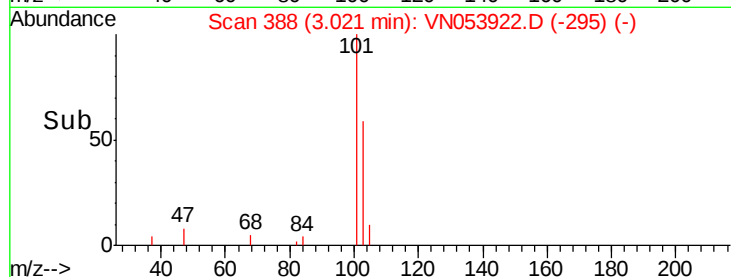
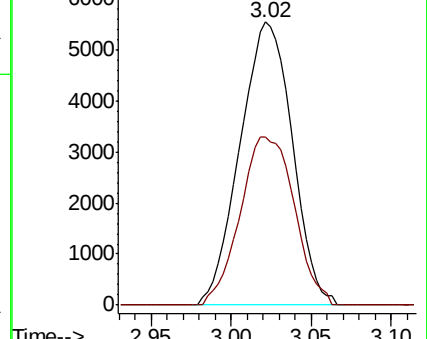
101 100

103 59.4 51.9 77.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.036 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.00 min

Lab File: VN053922.D

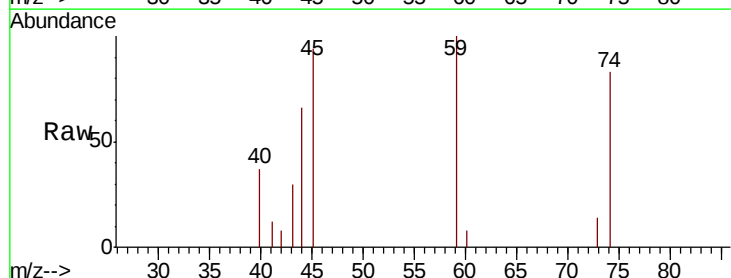
Acq: 25 Feb 2019 11:01

Tgt Ion: 74 Resp: 4291

Ion Ratio Lower Upper

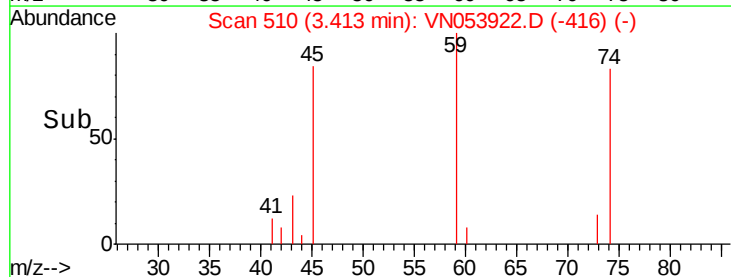
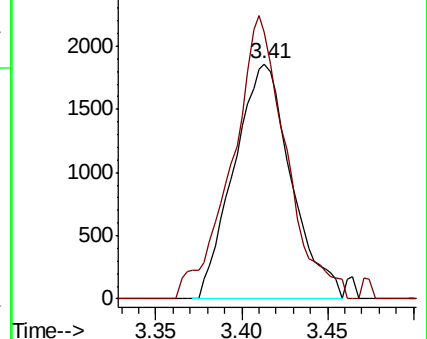
74 100

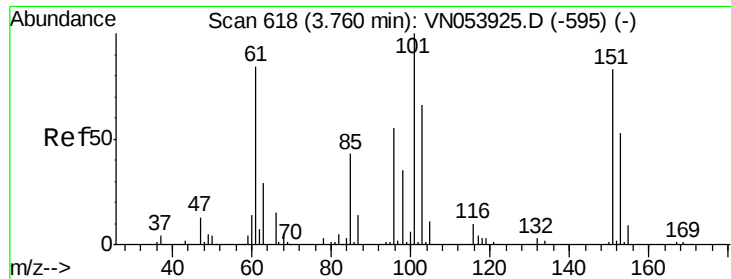
45 114.3 46.9 140.6



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: 0.599 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.01 min

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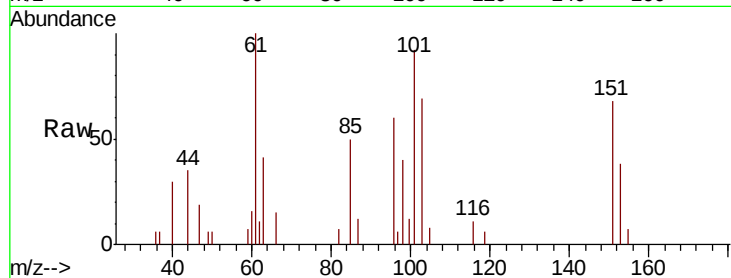
Tgt Ion:101 Resp: 4184

Ion Ratio Lower Upper

101 100

85 54.0 32.5 48.7#

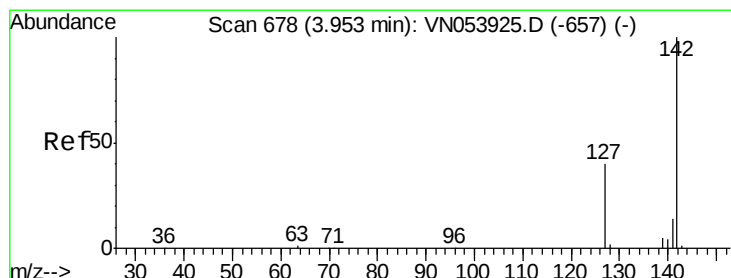
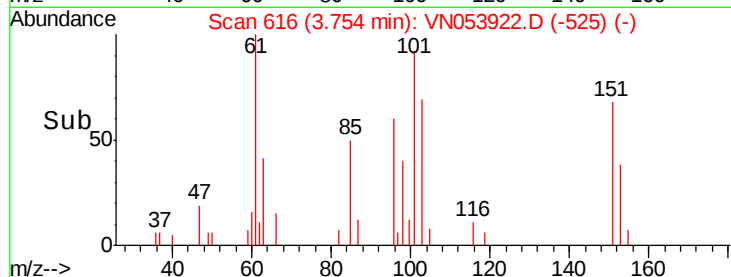
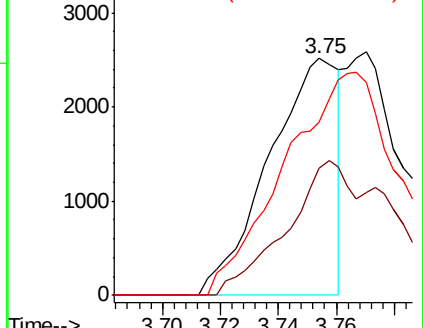
151 160.3 70.2 105.2#



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: 0.807 ug/l

RT: 3.95 min Scan# 677

Delta R.T. -0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

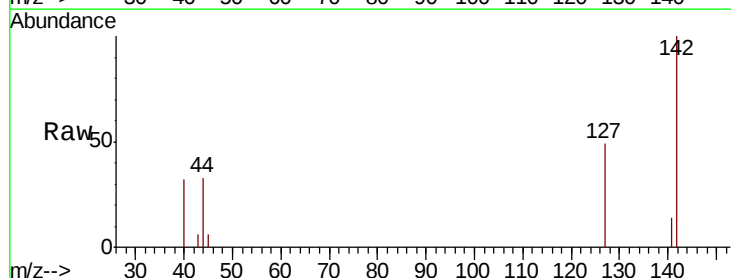
Tgt Ion:142 Resp: 7409

Ion Ratio Lower Upper

142 100

127 44.1 31.0 46.4

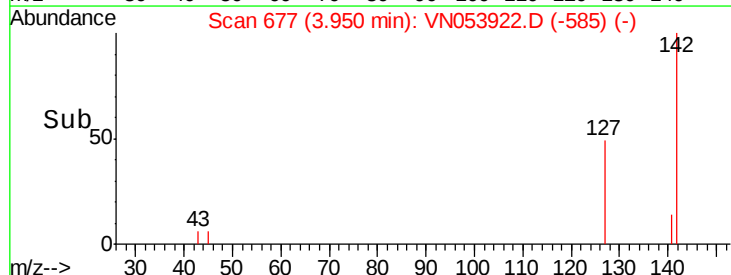
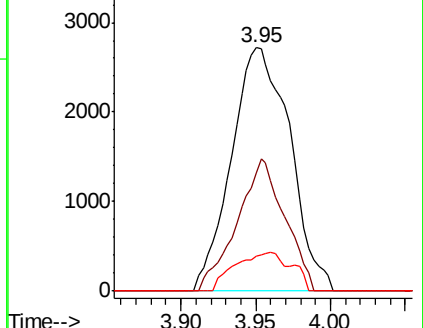
141 15.4 11.3 16.9

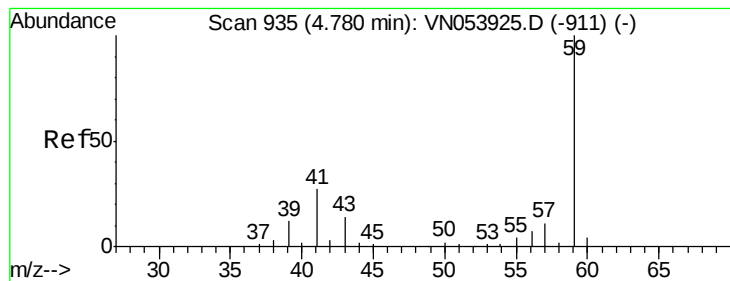


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



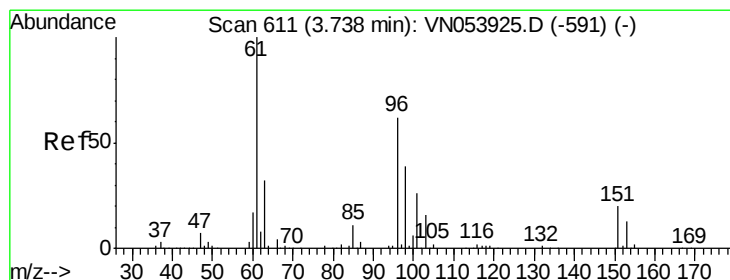
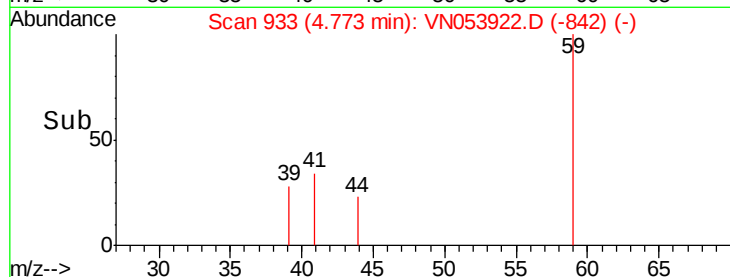
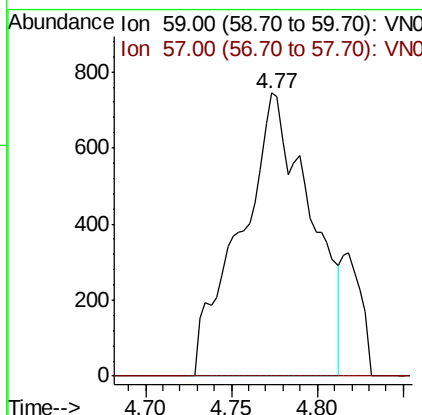
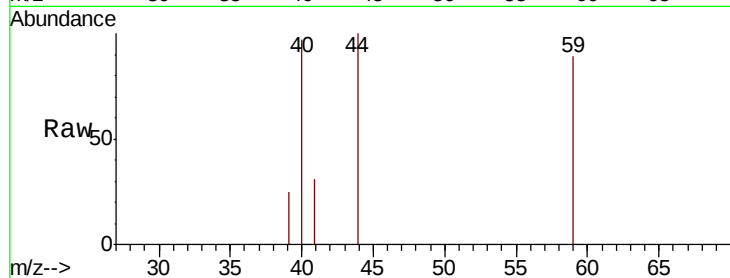


#11

Tert butyl alcohol
 Concen: 4.194 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

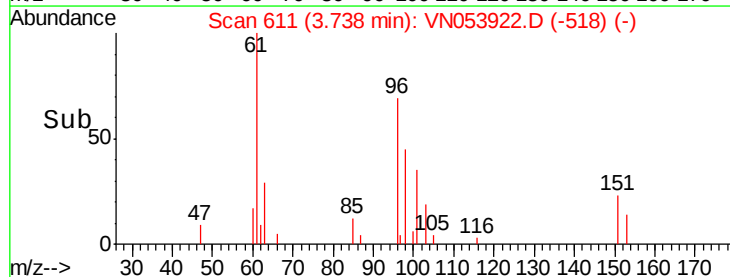
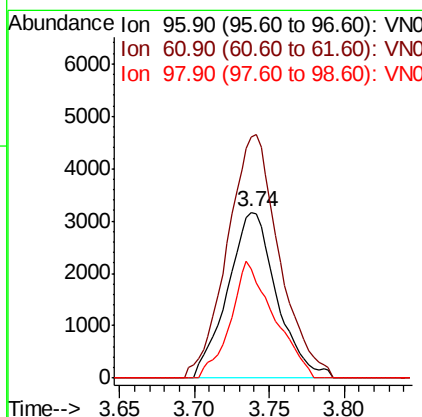
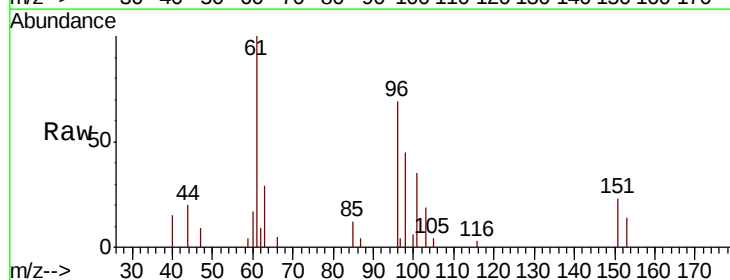
Tgt Ion: 59 Resp: 2109
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

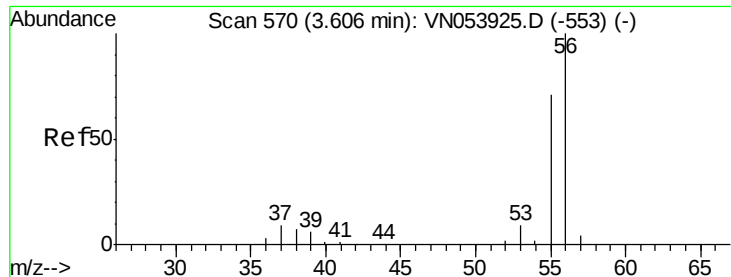


#12

1,1-Dichloroethene
 Concen: 1.080 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Tgt Ion: 96 Resp: 7217
 Ion Ratio Lower Upper
 96 100
 61 145.5 121.0 181.4
 98 65.9 52.2 78.2





#13

Acrolein

Concen: 4.724 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

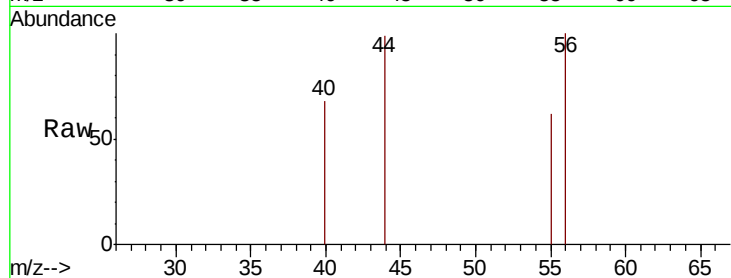
VSTDIC001

Tgt Ion: 56 Resp: 2459

Ion Ratio Lower Upper

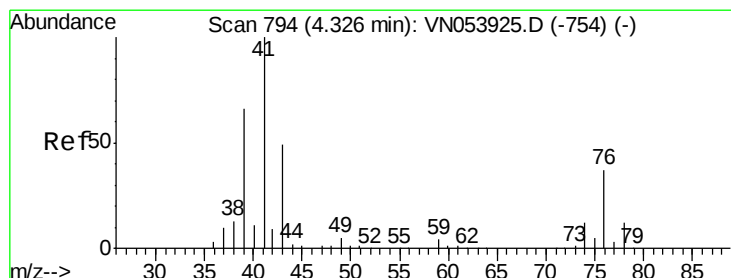
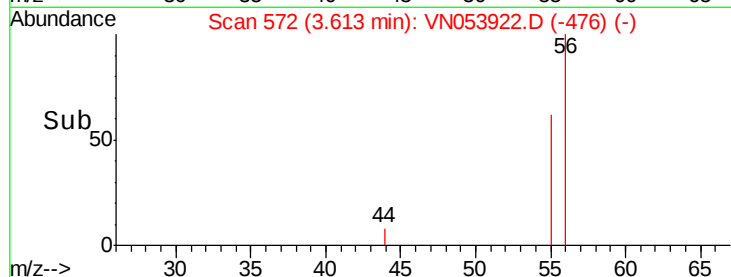
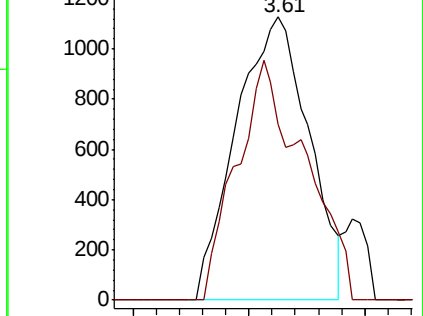
56 100

55 79.7 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 1.032 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

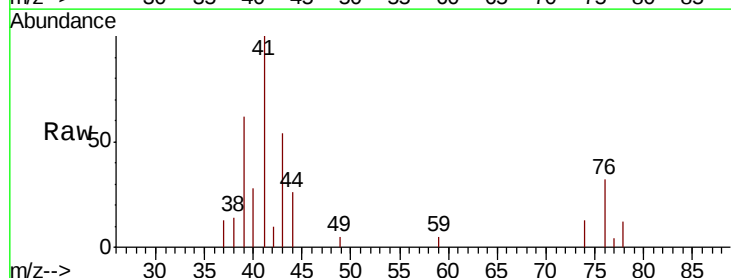
Tgt Ion: 41 Resp: 12090

Ion Ratio Lower Upper

41 100

39 67.4 48.8 73.2

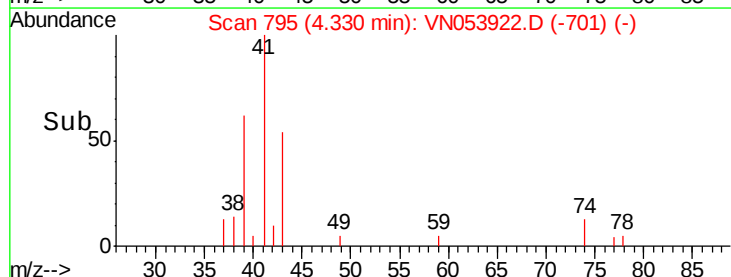
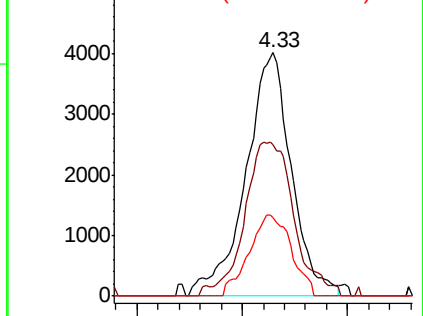
76 30.9 30.9 46.3

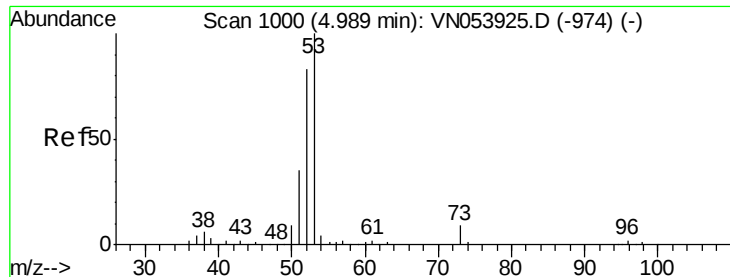


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 2.753 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

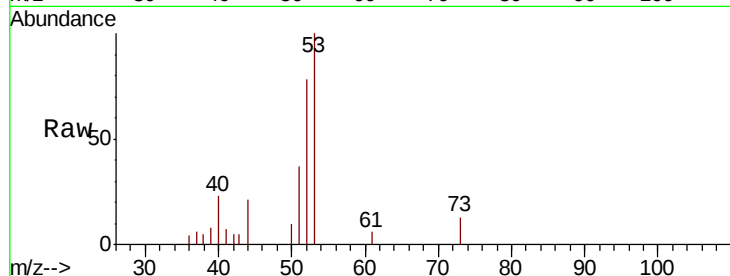
Tgt Ion: 53 Resp: 7296

Ion Ratio Lower Upper

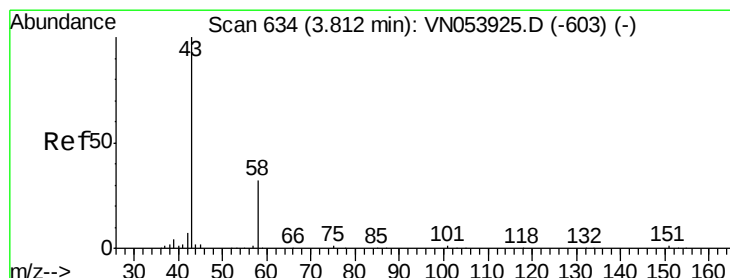
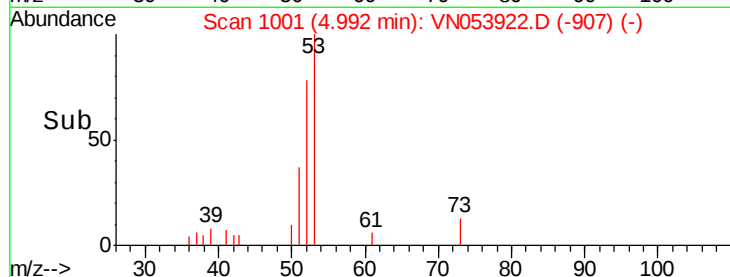
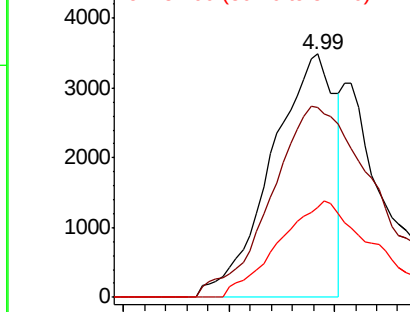
53 100

52 132.5 65.1 97.7#

51 56.4 28.2 42.4#



Abundance Ion 53.00 (52.70 to 53.70): VNO
Ion 52.00 (51.70 to 52.70): VNO
Ion 51.00 (50.70 to 51.70): VNO



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053922.D

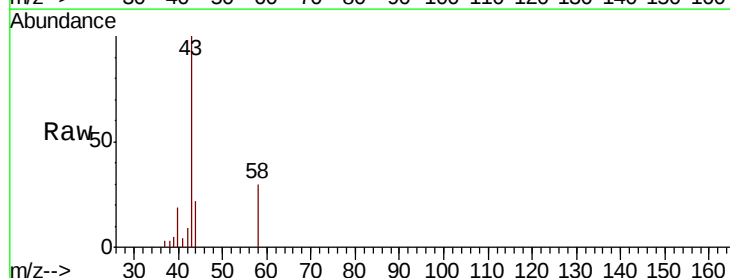
Acq: 25 Feb 2019 11:01

Tgt Ion: 43 Resp: 14957

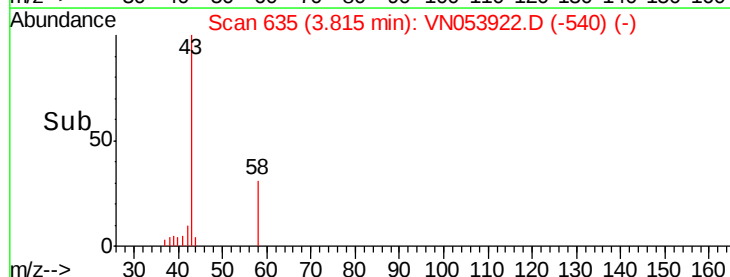
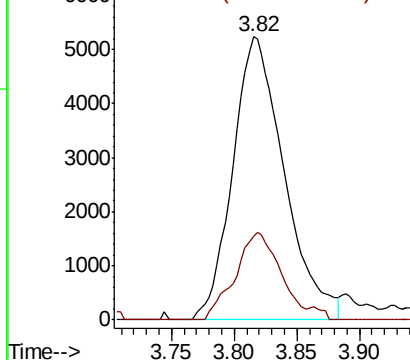
Ion Ratio Lower Upper

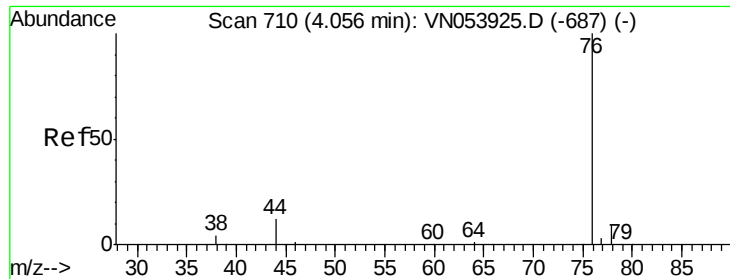
43 100

58 29.6 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

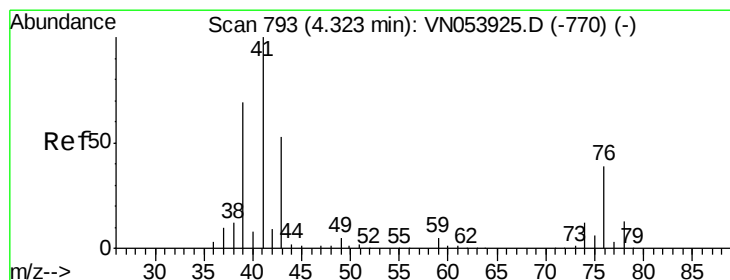
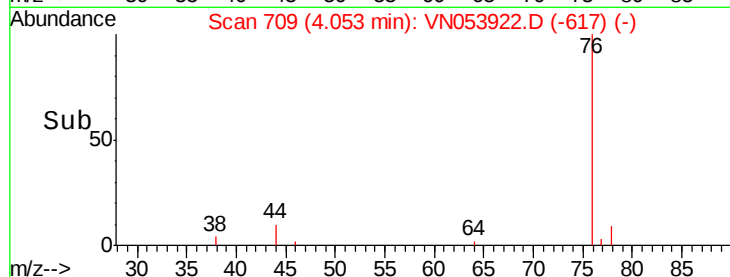
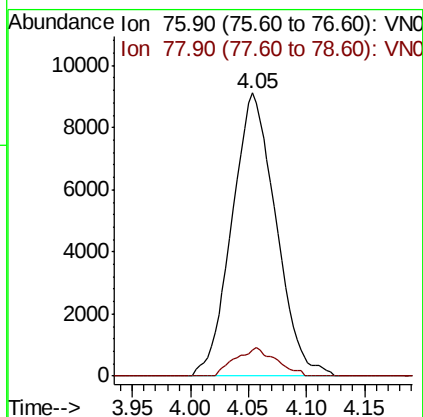
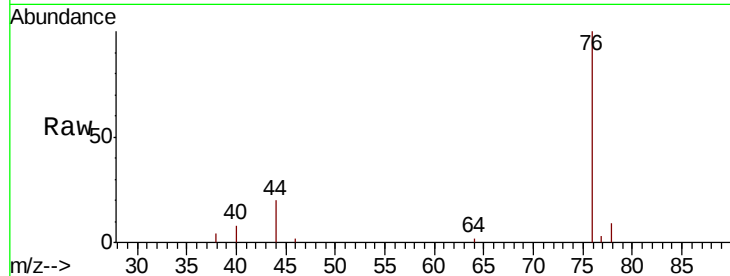




#17
Carbon Disulfide
Concen: 1.113 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

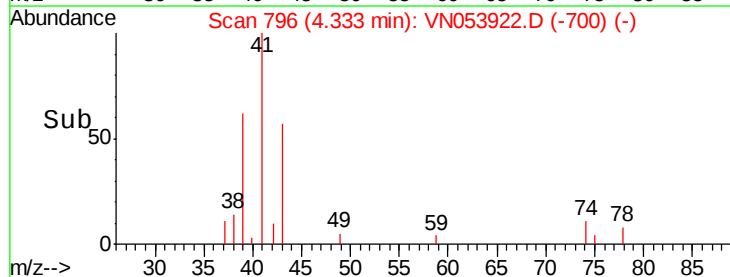
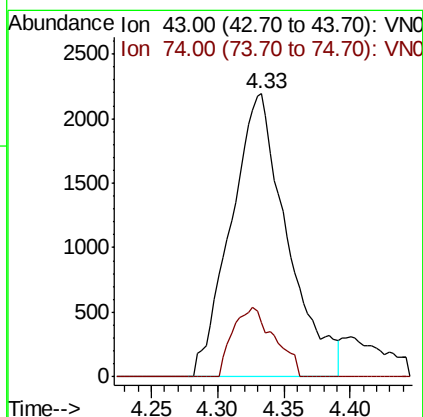
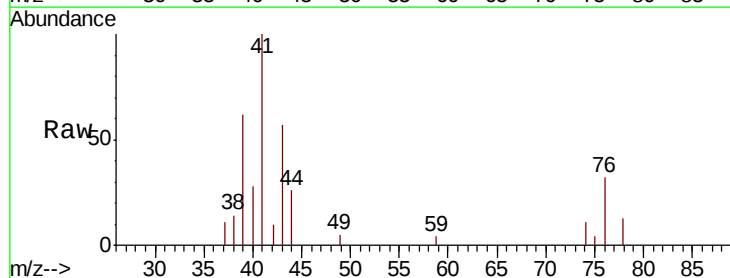
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

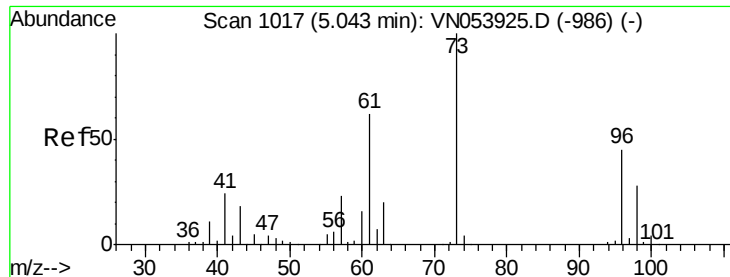
Tgt Ion: 76 Resp: 23985
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 1.166 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

Tgt Ion: 43 Resp: 6465
Ion Ratio Lower Upper
43 100
74 18.3 20.5 30.7#

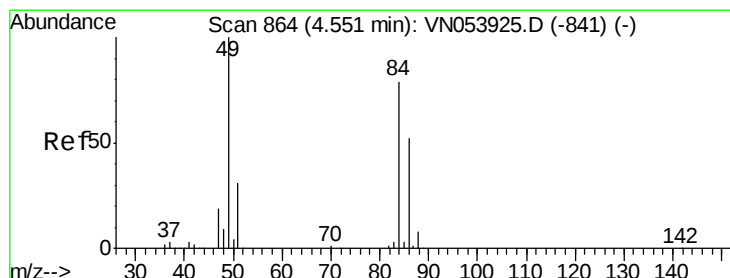
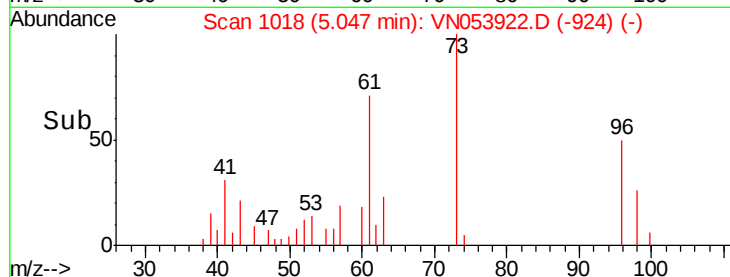
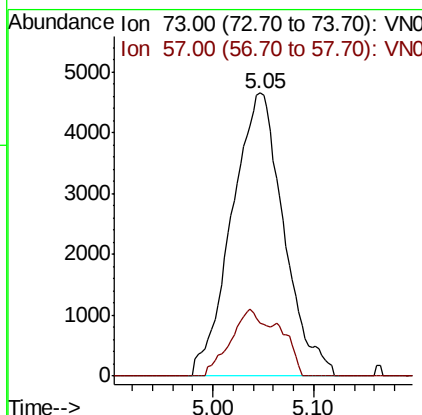
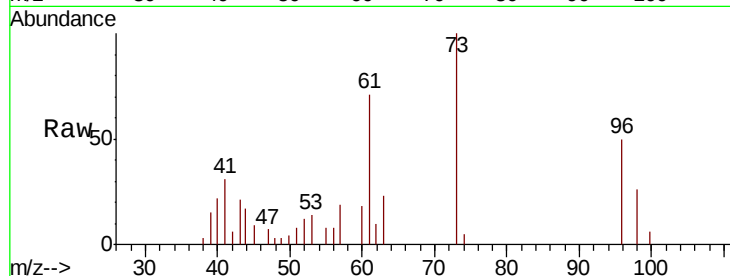




#19
Methyl tert-butyl Ether
Concen: 0.927 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

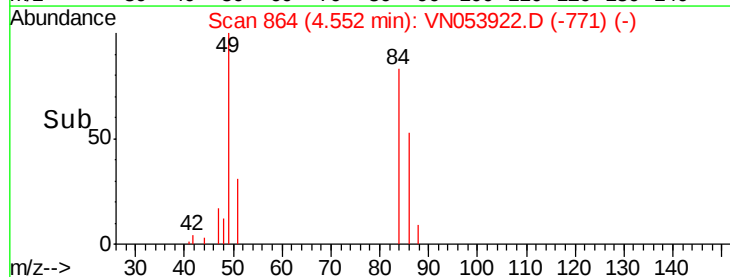
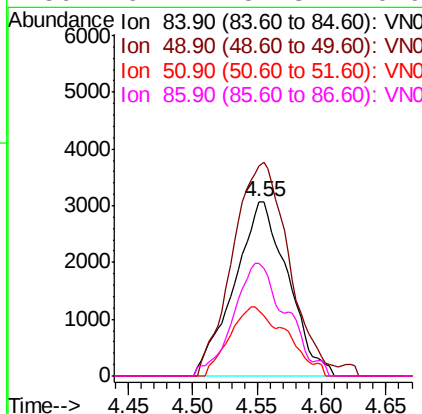
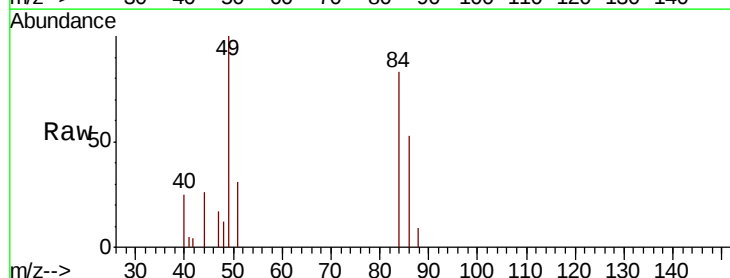
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

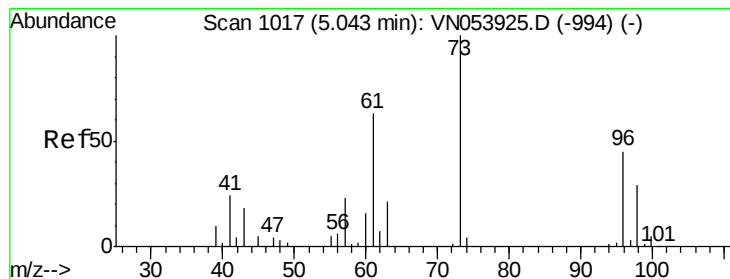
Tgt Ion: 73 Resp: 16612
Ion Ratio Lower Upper
73 100
57 18.9 18.0 27.0



#20
Methylene Chloride
Concen: 1.131 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

Tgt Ion: 84 Resp: 8879
Ion Ratio Lower Upper
84 100
49 120.5 89.7 134.5
51 37.6 27.8 41.8
86 64.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 1.032 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

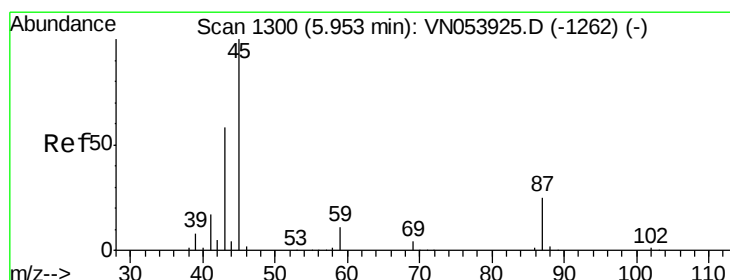
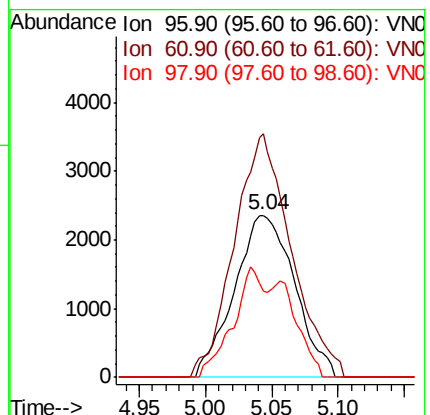
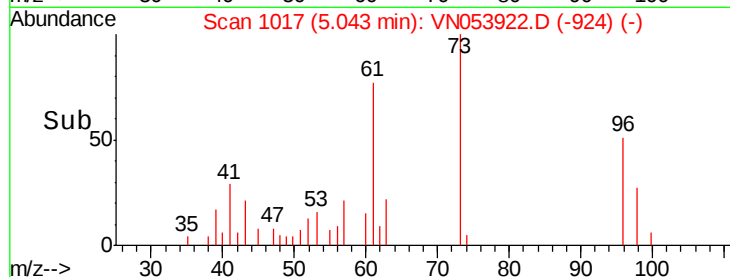
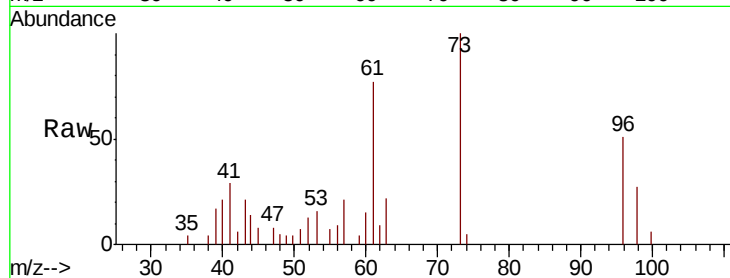
Tgt Ion: 96 Resp: 7457

Ion Ratio Lower Upper

96 100

61 150.2 104.5 156.7

98 53.0 50.6 76.0



#22

Diisopropyl ether

Concen: 0.886 ug/l

RT: 5.95 min Scan# 1298

Delta R.T. -0.01 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Tgt Ion: 45 Resp: 20020

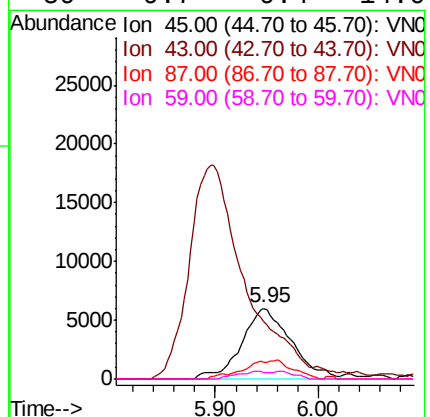
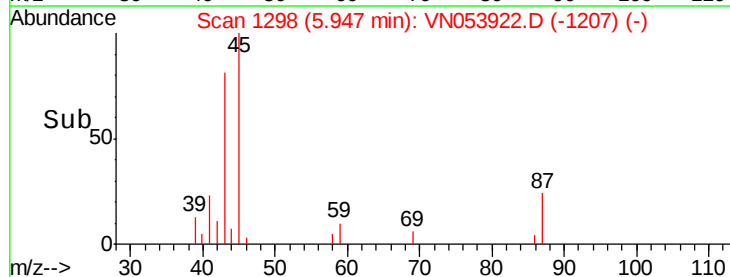
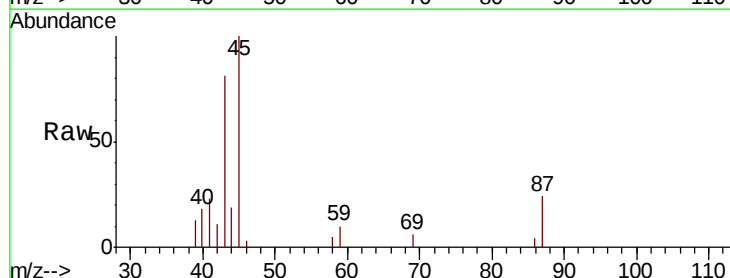
Ion Ratio Lower Upper

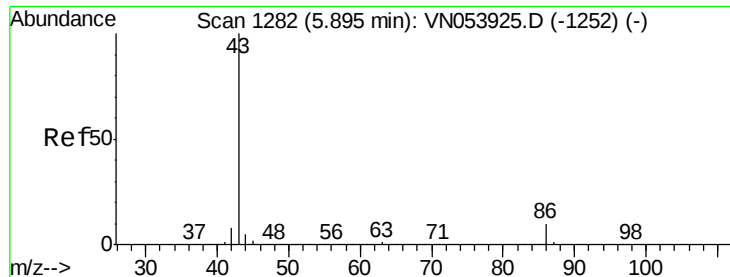
45 100

43 71.2 46.2 69.4#

87 24.1 23.4 35.0

59 9.7 9.4 14.0





#23

Vinyl Acetate

Concen: 4.189 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

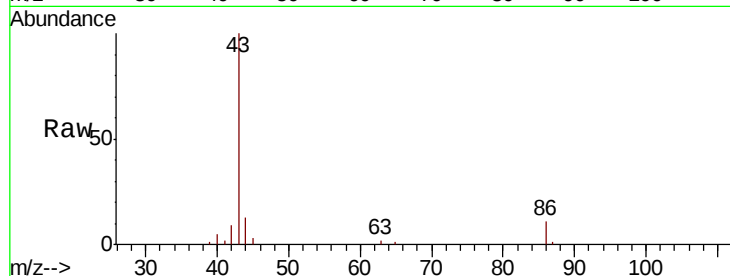
VSTDIC001

Tgt Ion: 43 Resp: 68099

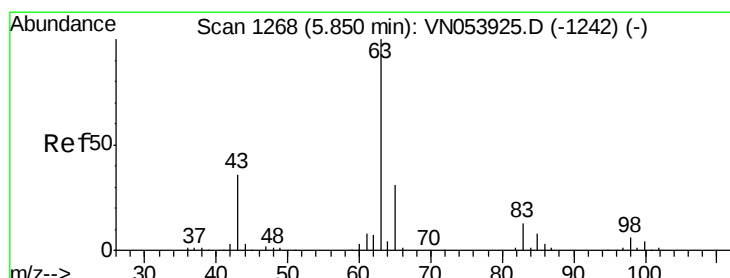
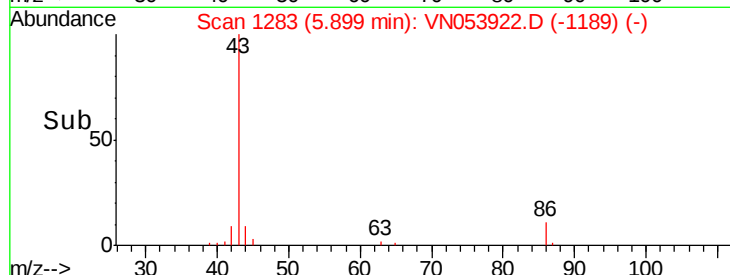
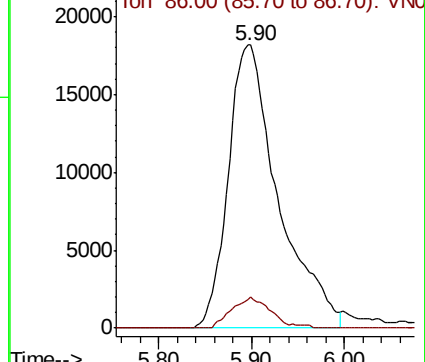
Ion Ratio Lower Upper

43 100

86 10.9 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN053922.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 1.083 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

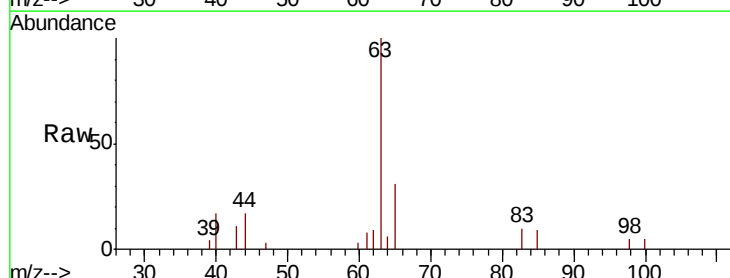
Tgt Ion: 63 Resp: 15007

Ion Ratio Lower Upper

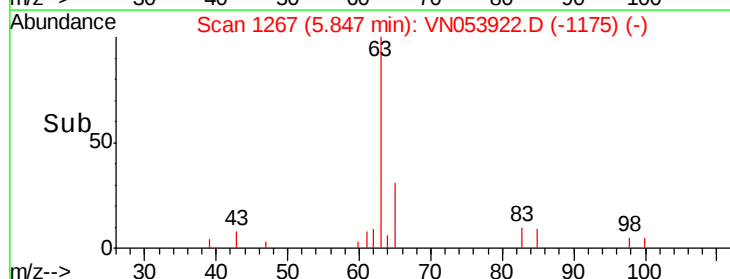
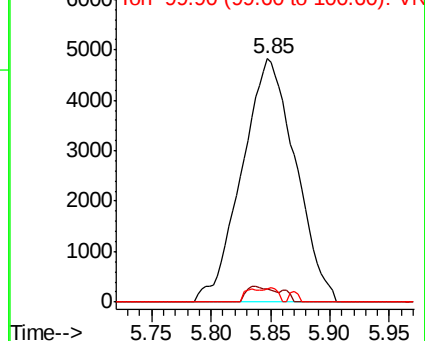
63 100

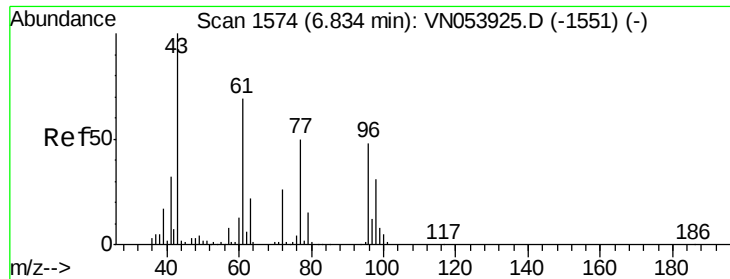
98 5.3 3.4 10.2

100 5.3 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN053922.D (-1175) (-)

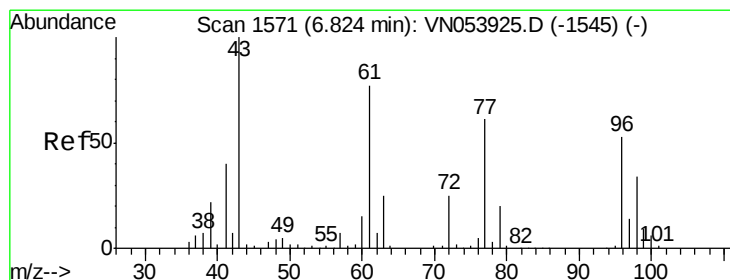
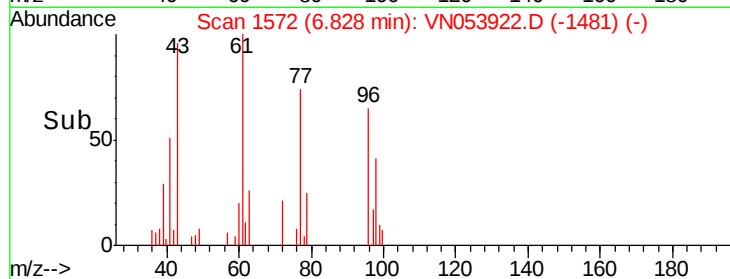
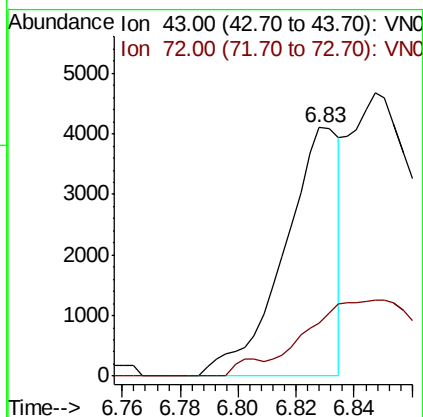
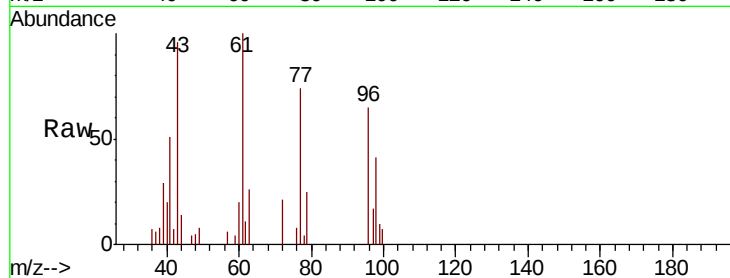




#25
 2-Butanone
 Concen: 1.744 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

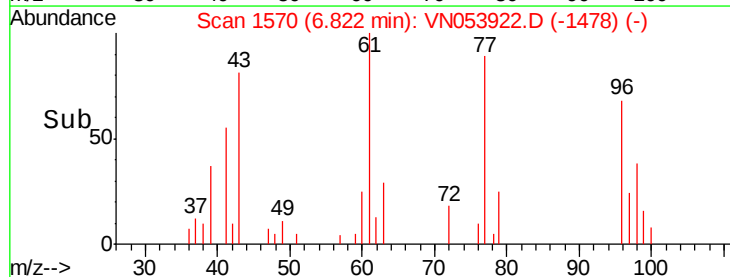
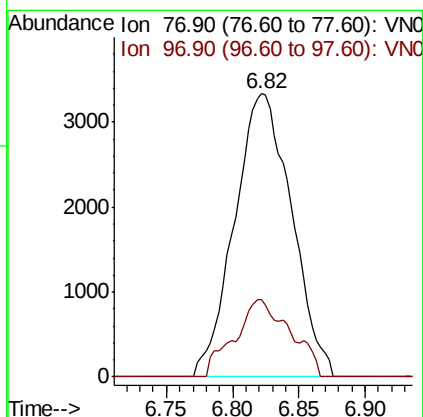
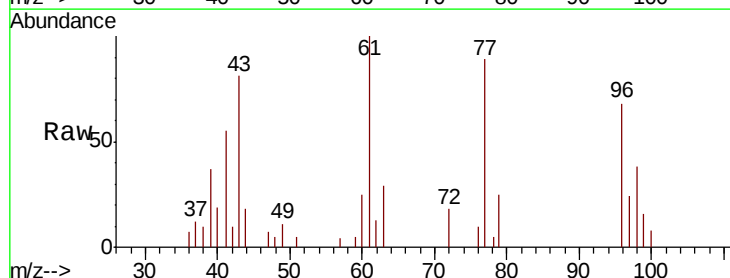
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

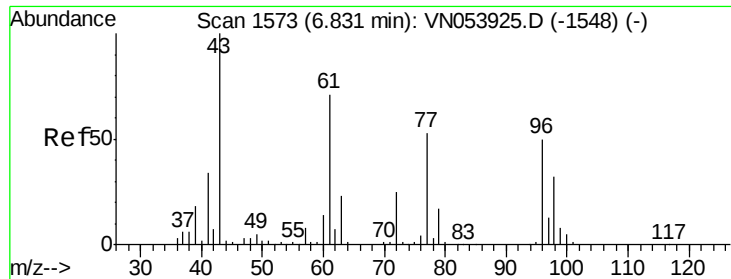
Tgt Ion: 43 Resp: 5430
 Ion Ratio Lower Upper
 43 100
 72 21.4 22.1 33.1#



#26
 2,2-Dichloropropane
 Concen: 1.016 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Tgt Ion: 77 Resp: 10001
 Ion Ratio Lower Upper
 77 100
 97 26.7 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 0.975 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

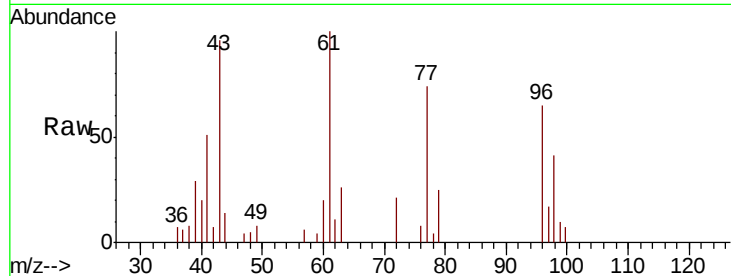
Tgt Ion: 96 Resp: 7839

Ion Ratio Lower Upper

96 100

61 154.3 0.0 275.6

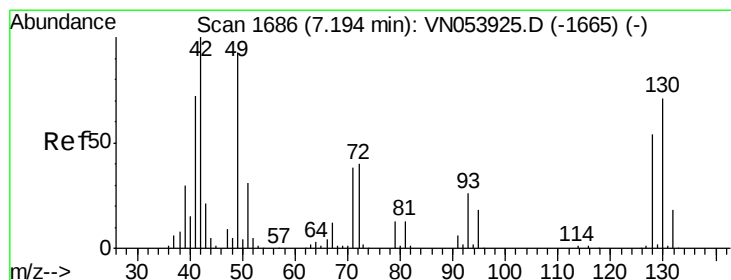
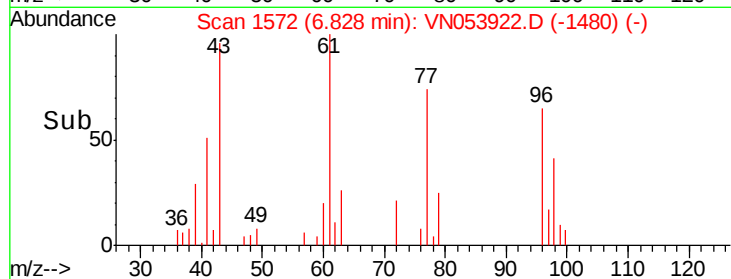
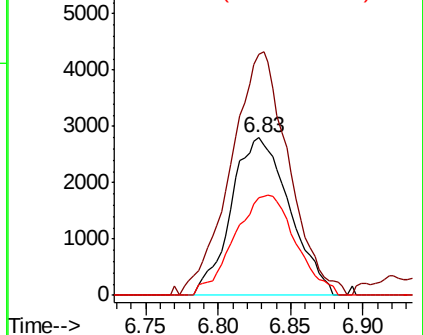
98 66.4 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN053922.D (-1548) (-)

Ion 60.90 (60.60 to 61.60): VN053922.D (-1548) (-)

Ion 97.90 (97.60 to 98.60): VN053922.D (-1548) (-)



#28

Bromochloromethane

Concen: 1.039 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

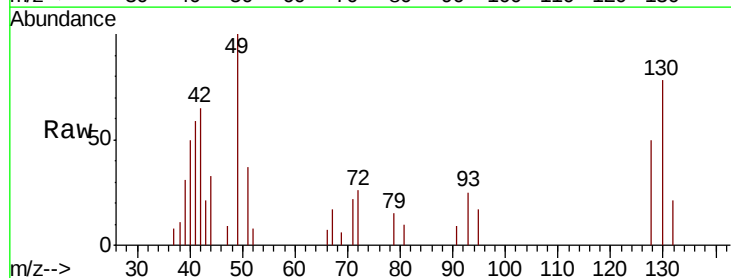
Tgt Ion: 49 Resp: 6590

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

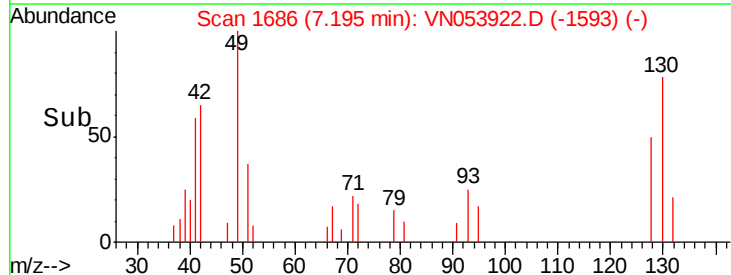
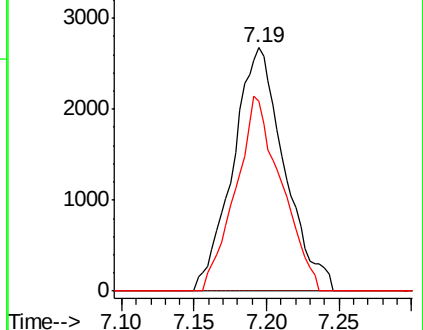
130 71.3 72.9 109.3#

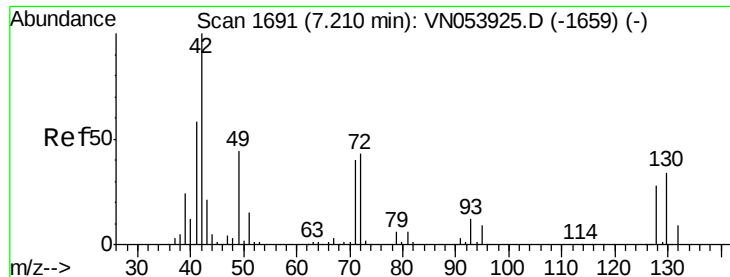


Abundance Ion 48.90 (48.60 to 49.60): VN053922.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN053922.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN053922.D (-1593) (-)

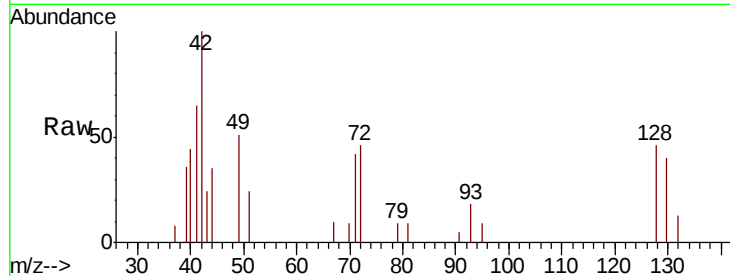




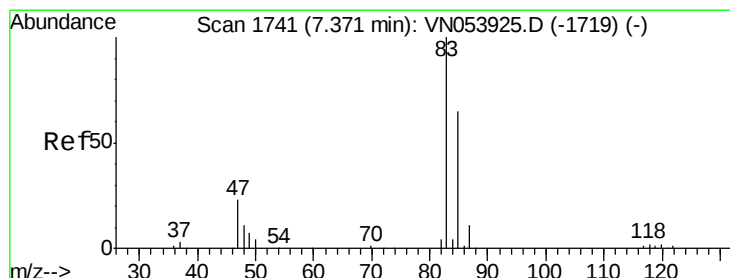
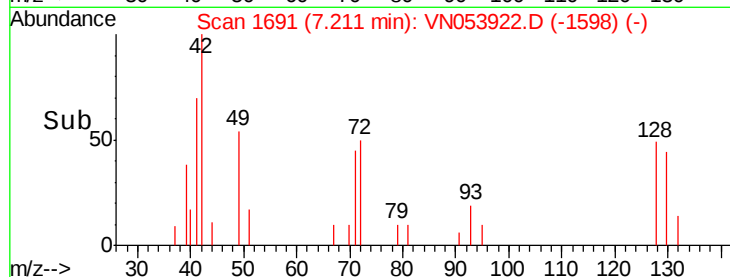
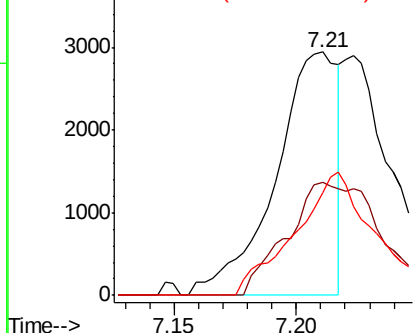
#29
Tetrahydrofuran
Concen: 2.511 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 42 Resp: 5207
Ion Ratio Lower Upper
42 100
72 72.2 36.9 55.3#
71 66.4 34.6 52.0#

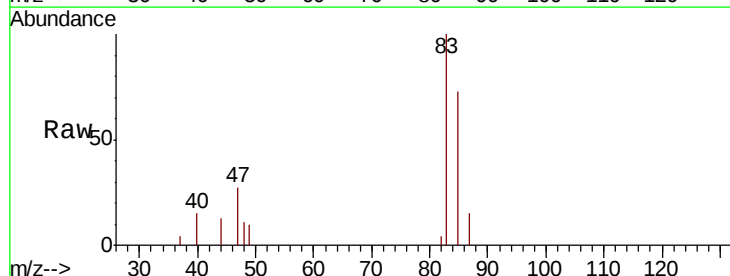


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

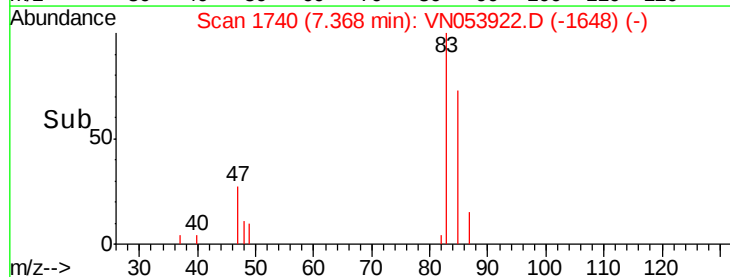
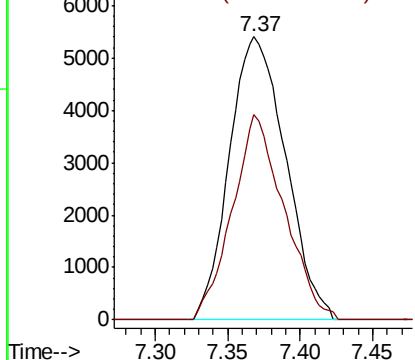


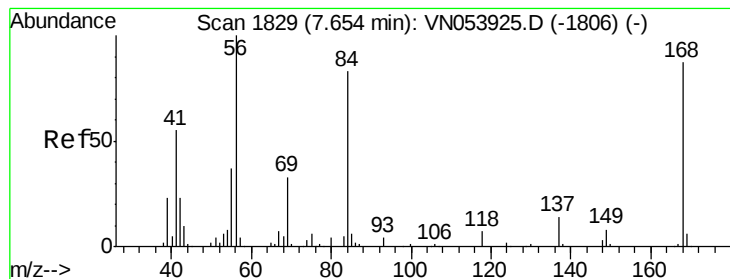
#30
Chloroform
Concen: 1.086 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

Tgt Ion: 83 Resp: 14590
Ion Ratio Lower Upper
83 100
85 72.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 1.439 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

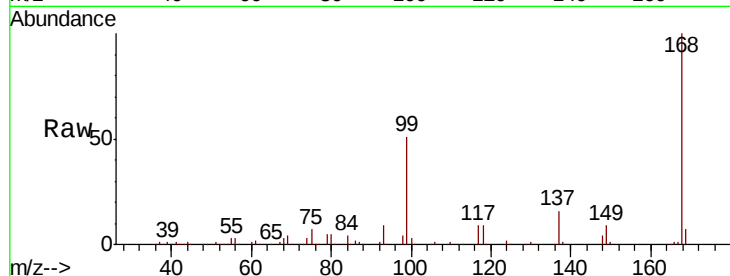
Tgt Ion: 56 Resp: 23299

Ion Ratio Lower Upper

56 100

69 120.6 26.0 39.0#

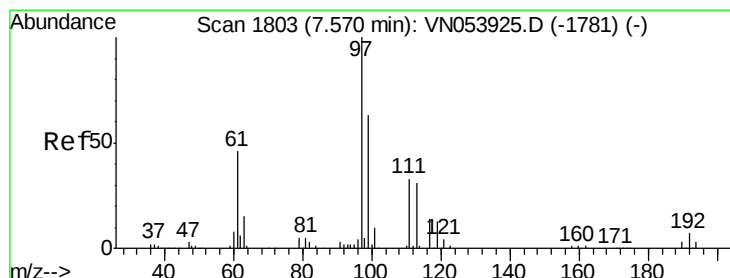
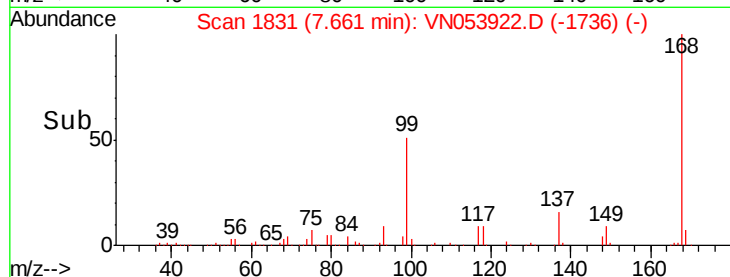
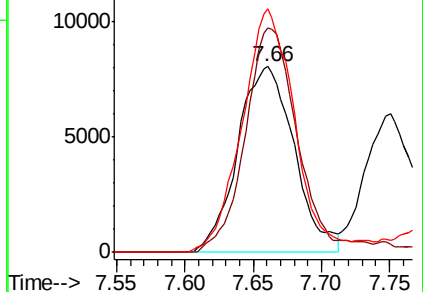
84 131.0 69.1 103.7#



Abundance Ion 56.00 (55.70 to 56.70): VN053922.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN053922.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN053922.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 0.601 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.01 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

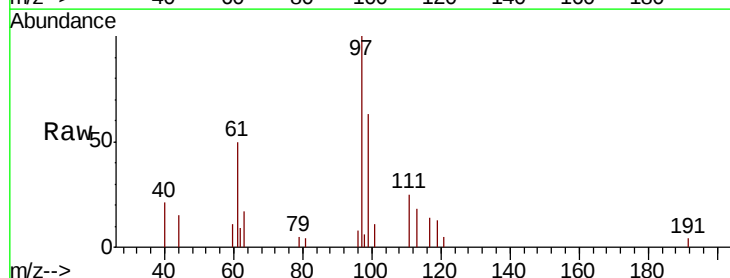
Tgt Ion: 97 Resp: 6660

Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.8#

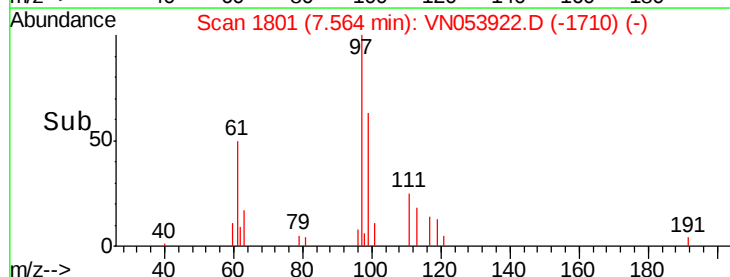
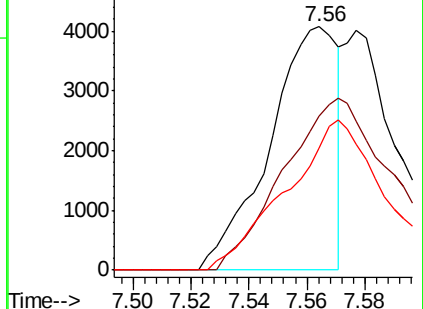
61 88.8 33.2 49.8#

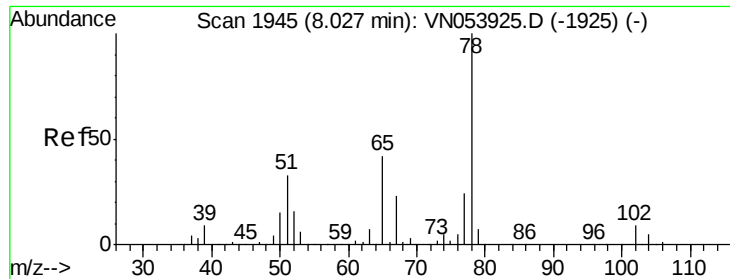


Abundance Ion 96.90 (96.60 to 97.60): VN053922.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN053922.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN053922.D (-1710) (-)





#33

1,2-Dichloroethane-d4

Concen: 1.027 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

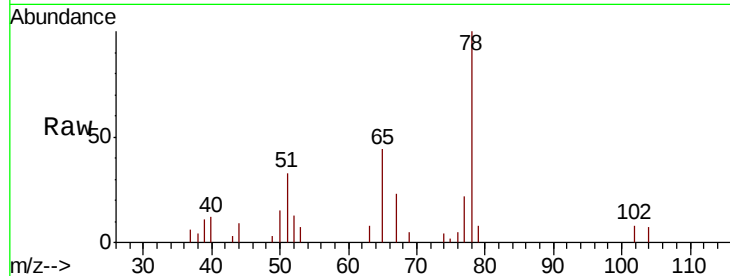
VSTDIC001

Tgt Ion: 65 Resp: 8147

Ion Ratio Lower Upper

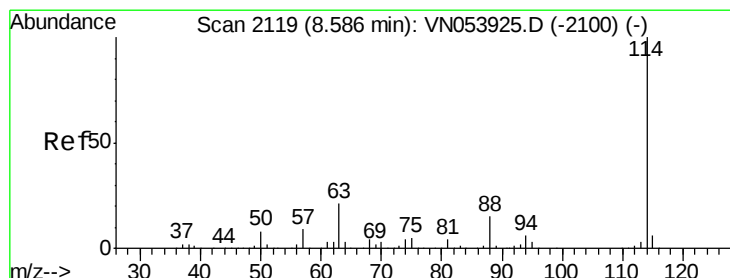
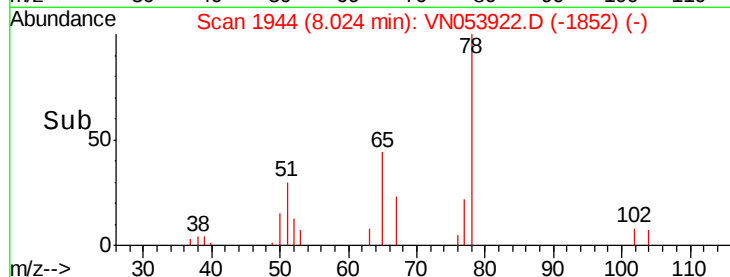
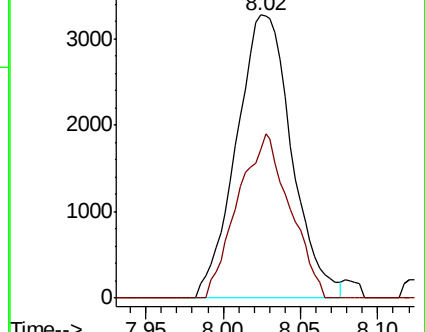
65 100

67 54.6 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053922.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN053922.D (-1925) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

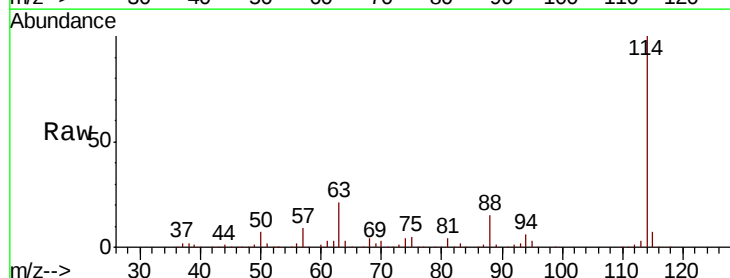
Tgt Ion: 114 Resp: 1102078

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

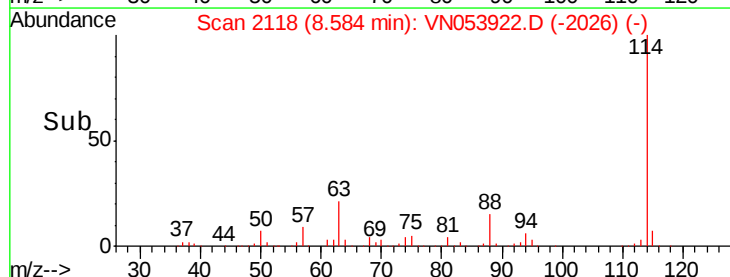
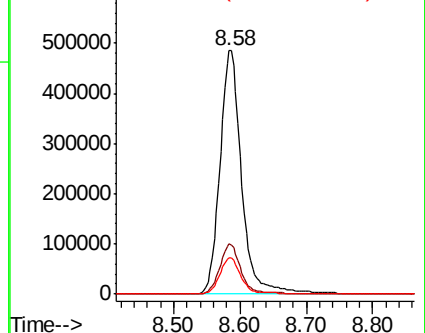
88 14.9 0.0 30.4

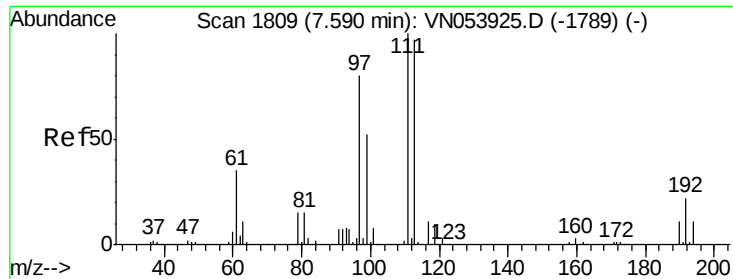


Abundance Ion 113.90 (113.60 to 114.60): VN053922.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN053922.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN053922.D (-2100) (-)

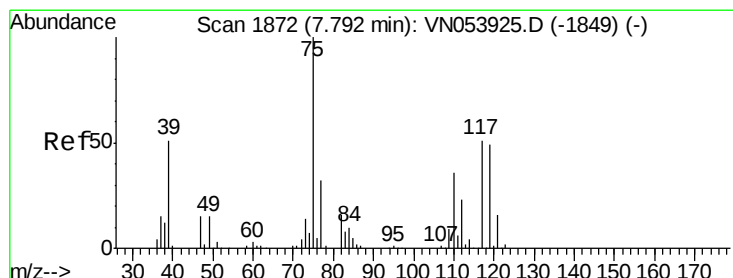
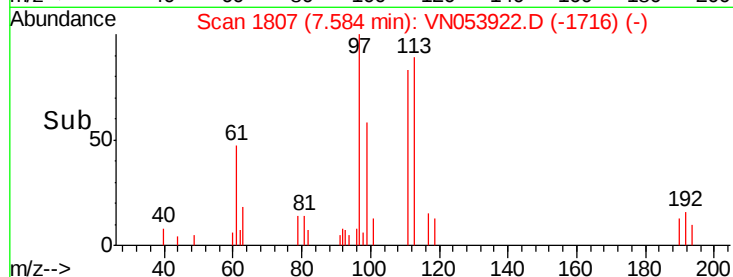
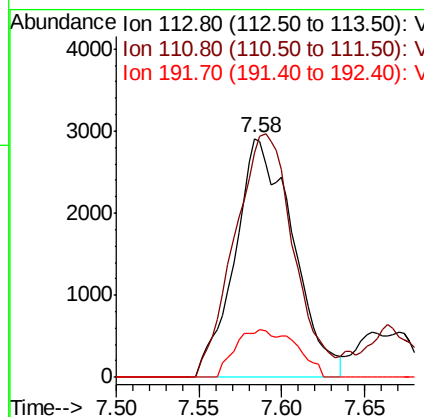
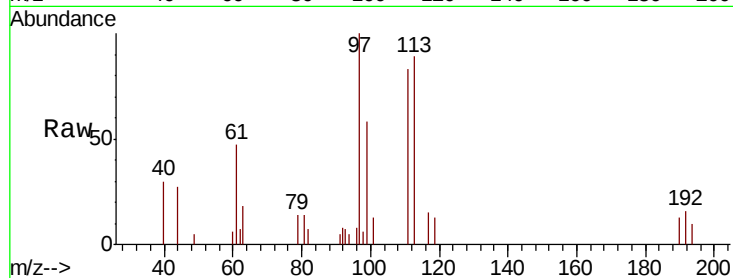




#35
 Dibromofluoromethane
 Concen: 0.992 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

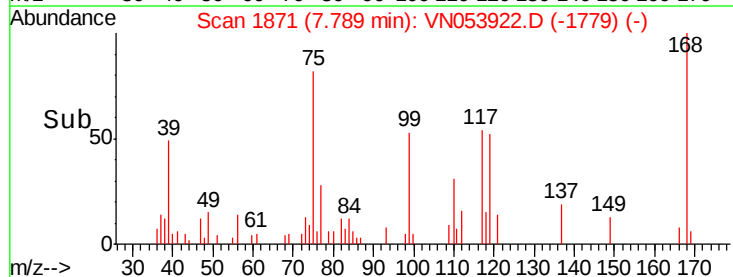
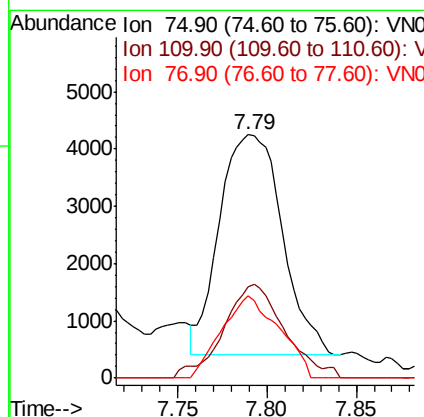
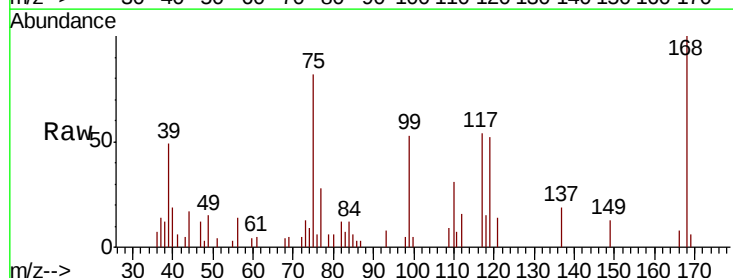
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

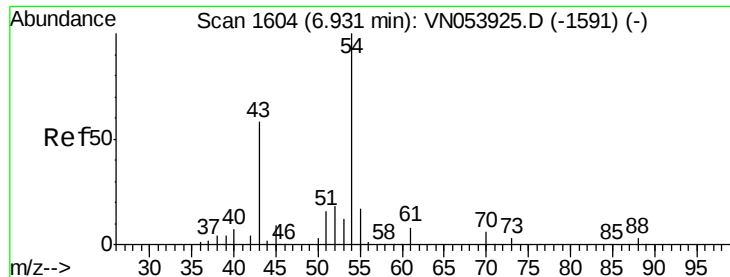
Tgt Ion: 113 Resp: 7069
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.1 121.7
 192 20.7 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 0.923 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Tgt Ion: 75 Resp: 9456
 Ion Ratio Lower Upper
 75 100
 110 41.2 19.0 57.0
 77 34.0 25.4 38.0

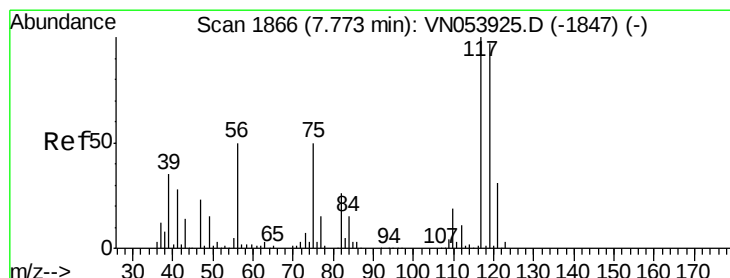
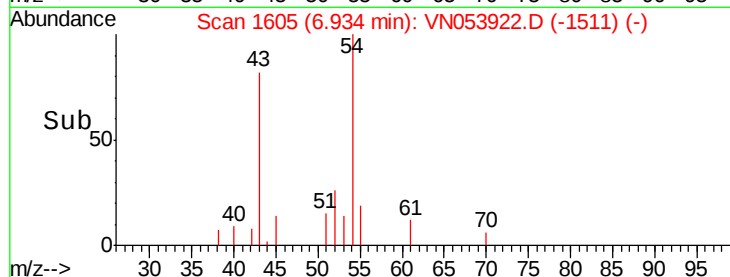
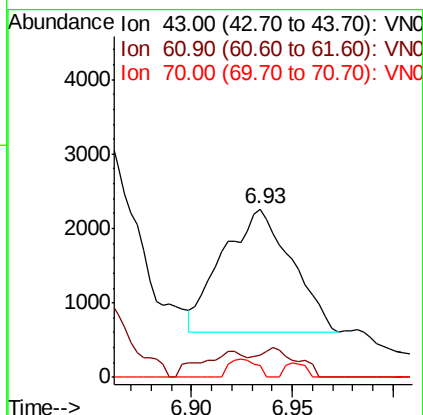
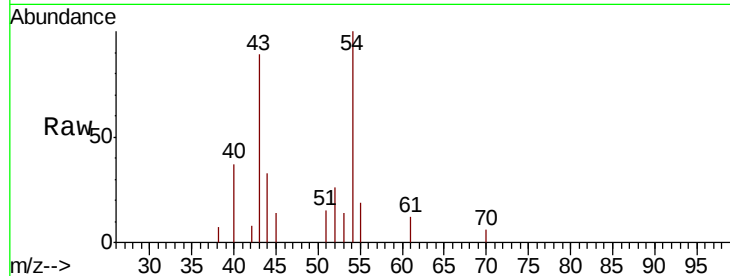




#37
 Ethyl Acetate
 Concen: 0.539 ug/l
 RT: 6.93 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

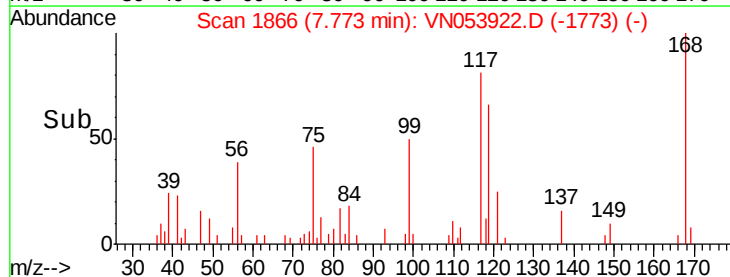
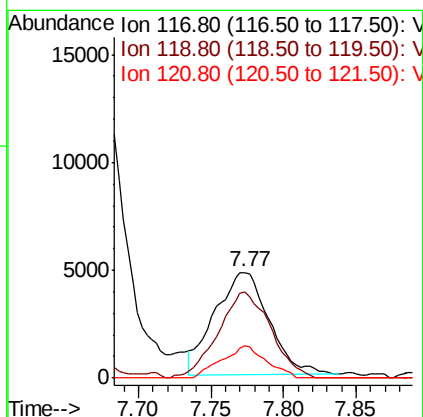
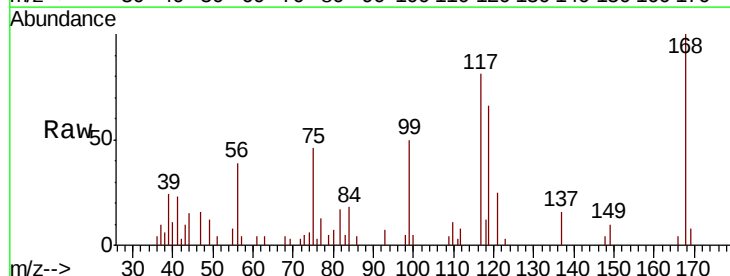
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

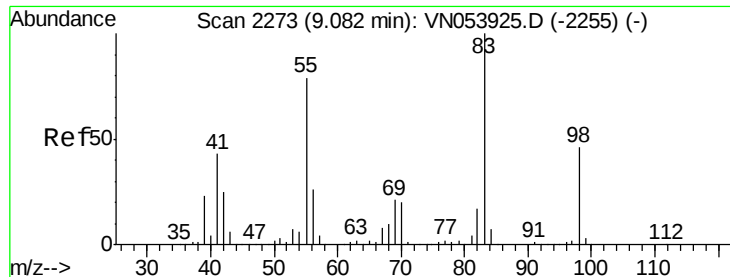
Tgt Ion: 43 Resp: 3946
 Ion Ratio Lower Upper
 43 100
 61 12.5 12.0 18.0
 70 3.3 8.7 13.1#



#38
 Carbon Tetrachloride
 Concen: 1.164 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Tgt Ion: 117 Resp: 12405
 Ion Ratio Lower Upper
 117 100
 119 84.6 76.2 114.2
 121 32.2 24.6 36.8

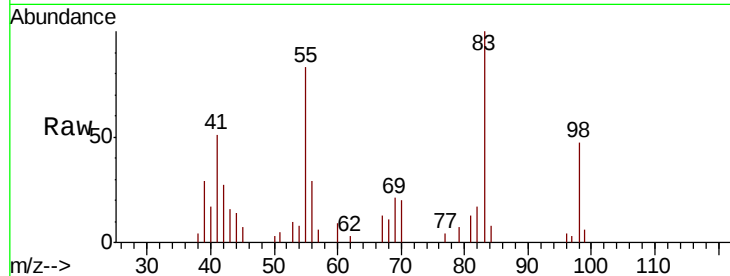




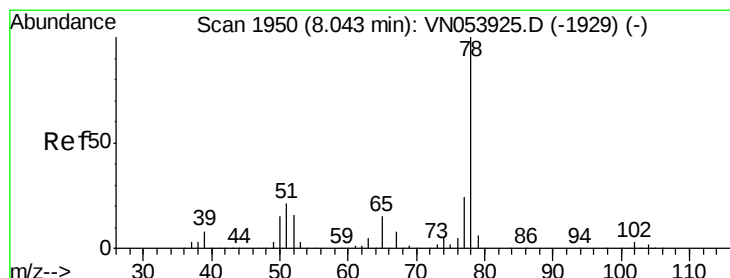
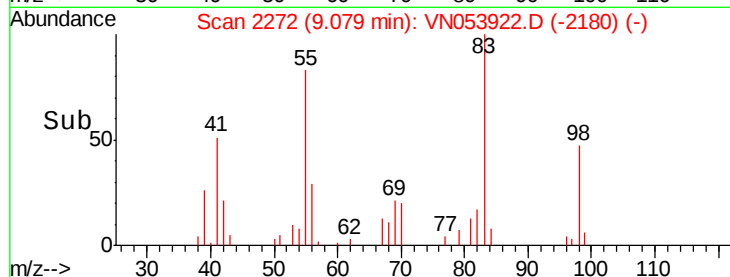
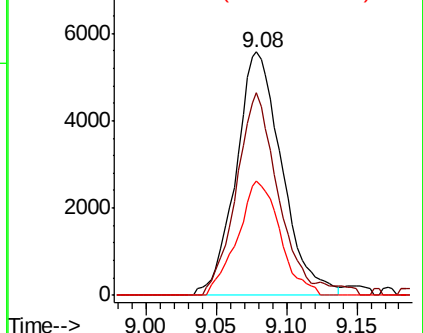
#39
Methylcyclohexane
Concen: 1.026 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 12678
Ion Ratio Lower Upper
83 100
55 83.3 58.2 87.4
98 46.7 37.2 55.8

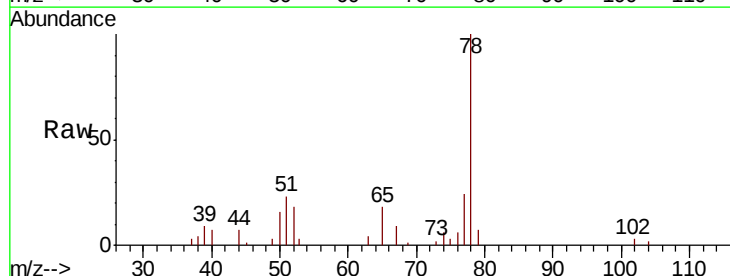


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

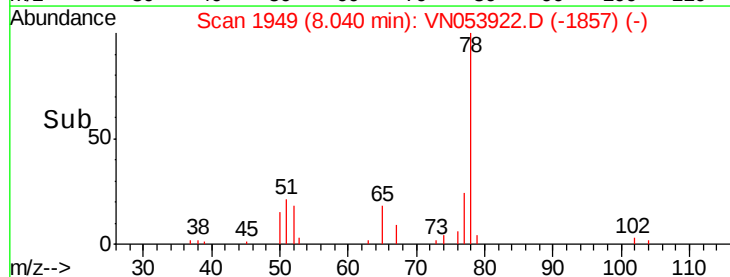
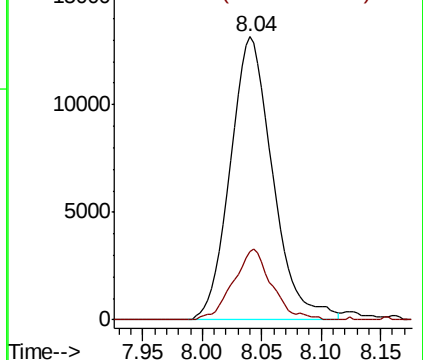


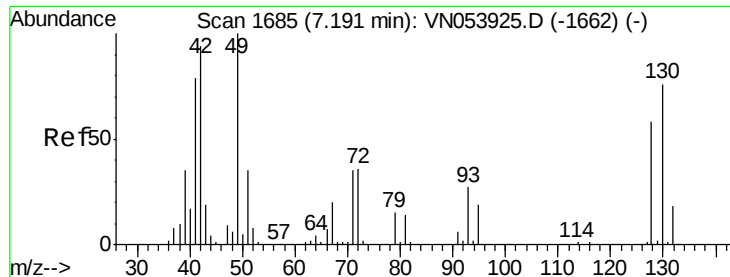
#40
Benzene
Concen: 1.034 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

Tgt Ion: 78 Resp: 32564
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2



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





#41

Methacrylonitrile

Concen: 0.702 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.02 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tgt Ion: 41 Resp: 3310

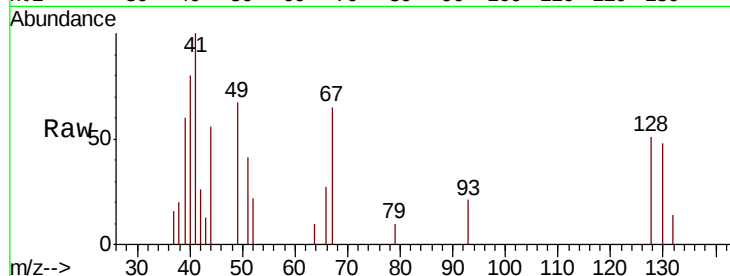
Ion Ratio Lower Upper

41 100

39 56.1 0.0 0.0#

67 78.9 0.0 0.0#

52 30.1 0.0 0.0#

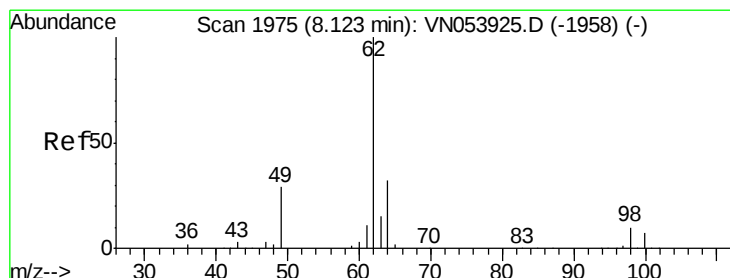
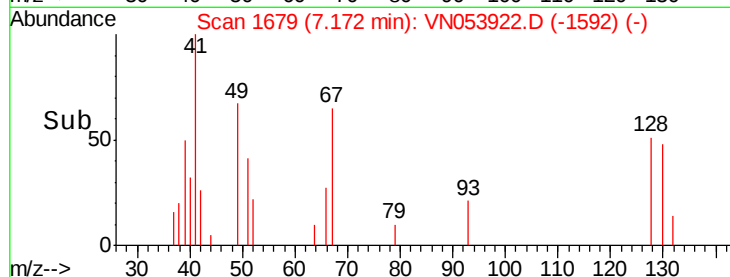
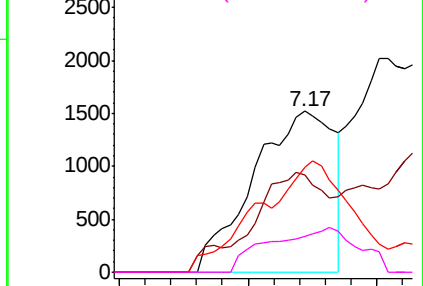


Abundance Ion 41.00 (40.70 to 41.70): VNO

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: 1.024 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053922.D

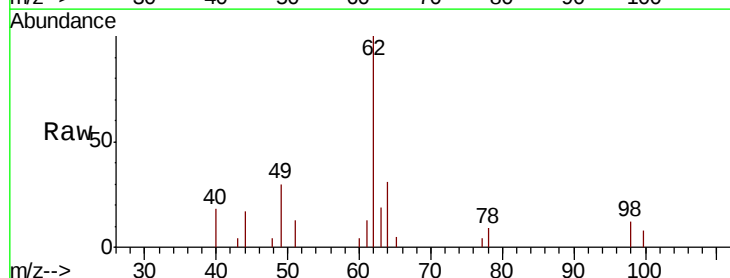
Acq: 25 Feb 2019 11:01

Tgt Ion: 62 Resp: 9983

Ion Ratio Lower Upper

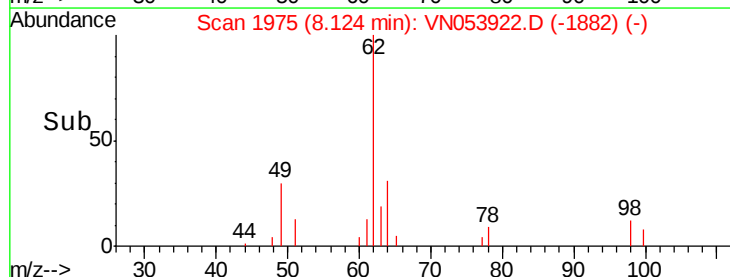
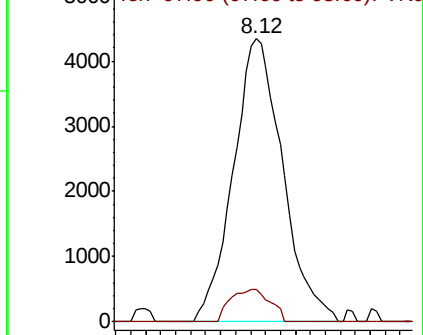
62 100

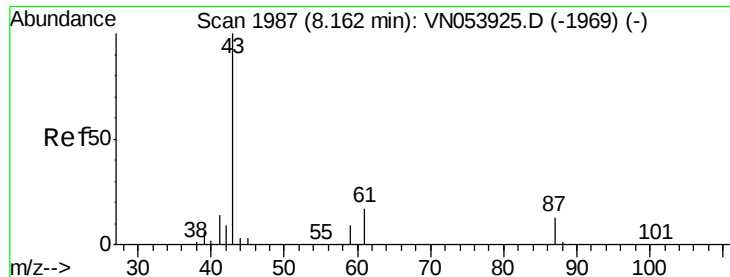
98 9.3 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

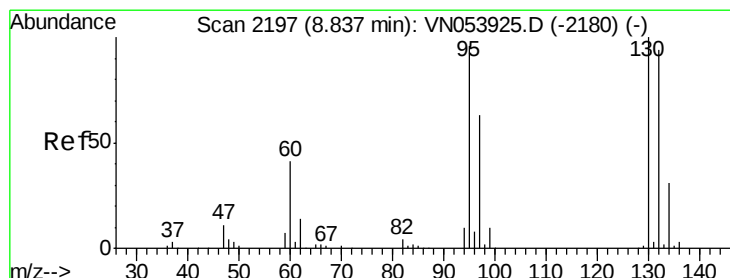
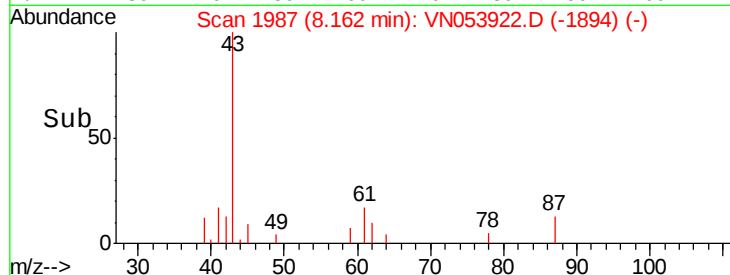
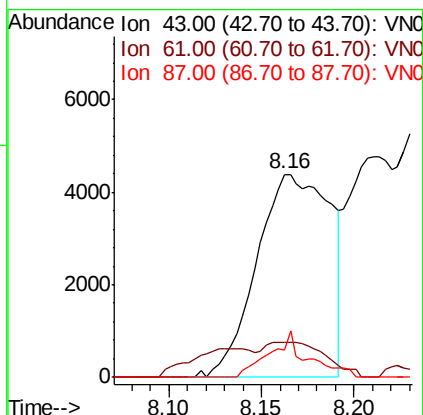
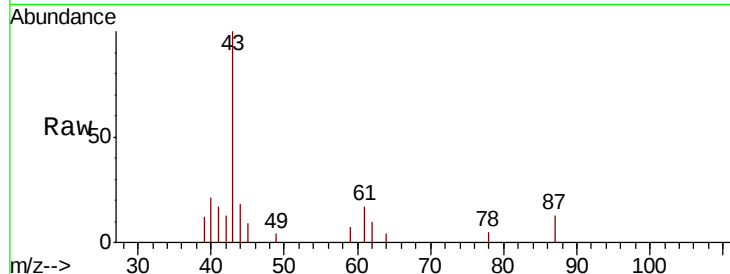




#43
Isopropyl Acetate
Concen: 0.976 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

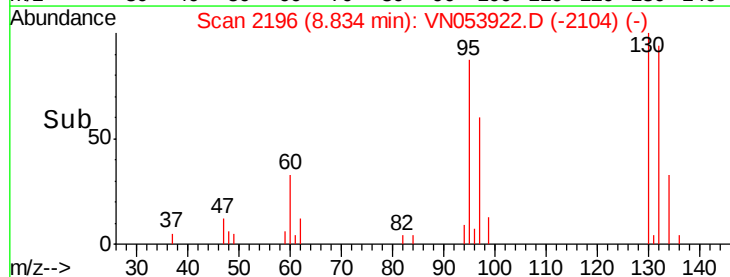
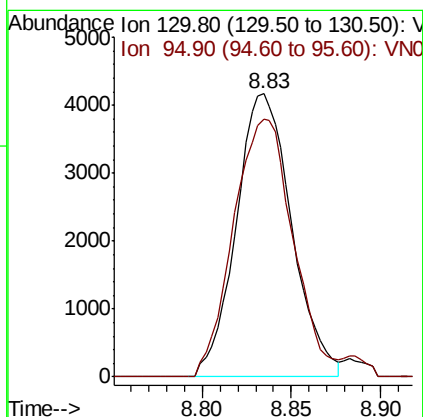
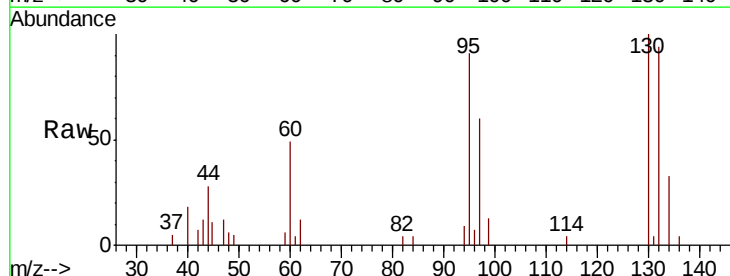
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

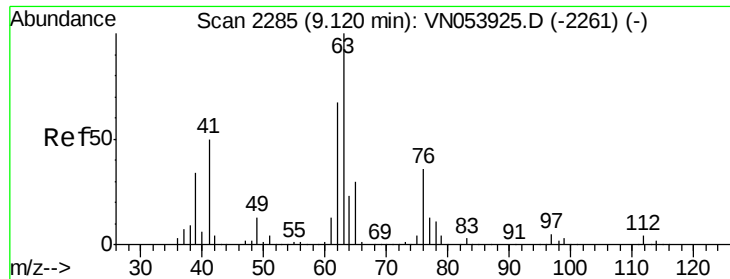
Tgt Ion: 43 Resp: 12064
Ion Ratio Lower Upper
43 100
61 1.3 17.4 26.0#
87 11.7 11.5 17.3



#44
Trichloroethene
Concen: 1.083 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

Tgt Ion: 130 Resp: 9036
Ion Ratio Lower Upper
130 100
95 91.0 0.0 190.0





#45

1,2-Dichloropropane

Concen: 1.061 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

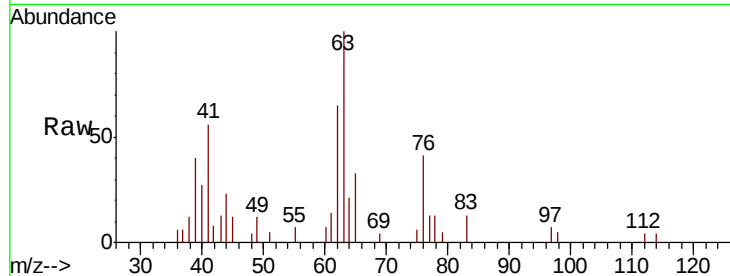
VSTDIC001

Tgt Ion: 63 Resp: 9013

Ion Ratio Lower Upper

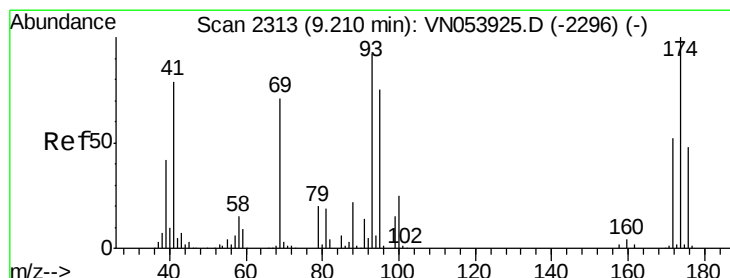
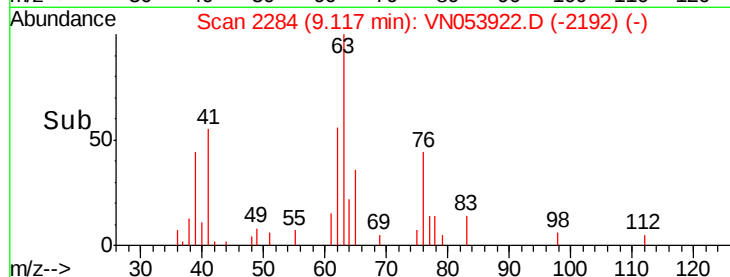
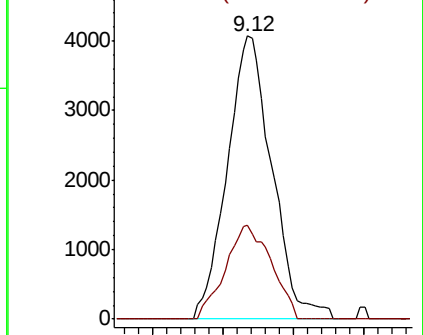
63 100

65 33.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 1.013 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

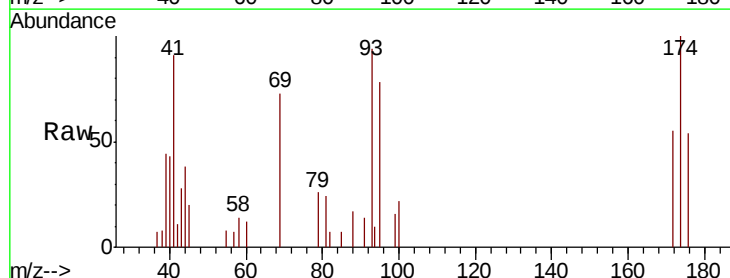
Tgt Ion: 93 Resp: 4996

Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

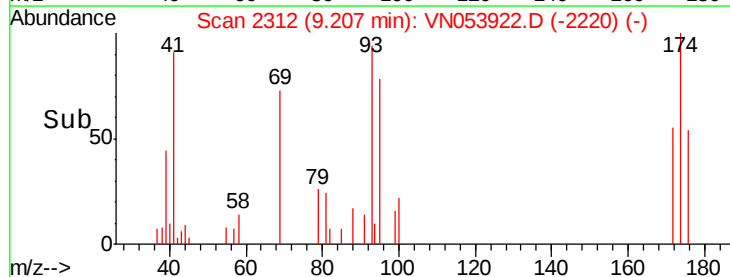
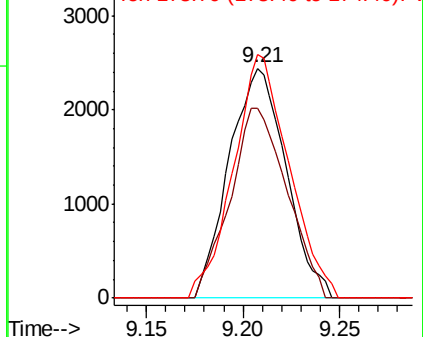
174 103.4 96.2 144.4

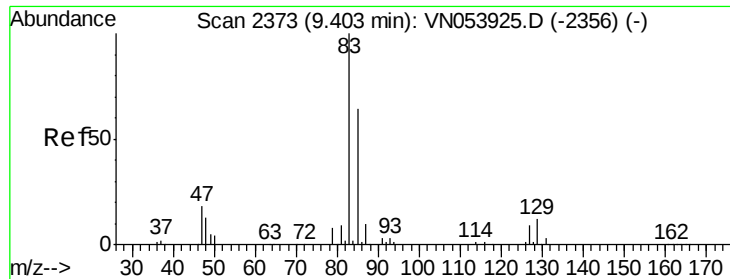


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.033 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

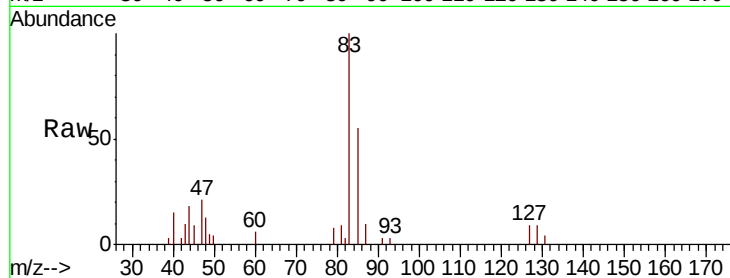
Tgt Ion: 83 Resp: 10738

Ion Ratio Lower Upper

83 100

85 55.3 51.8 77.6

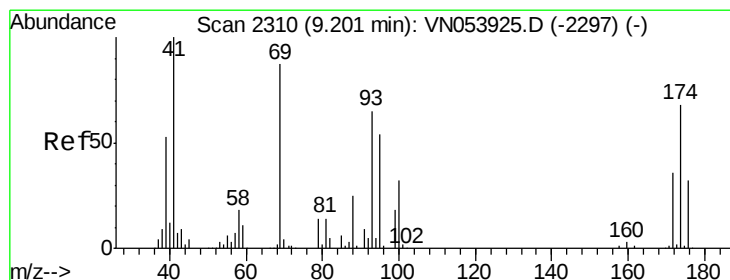
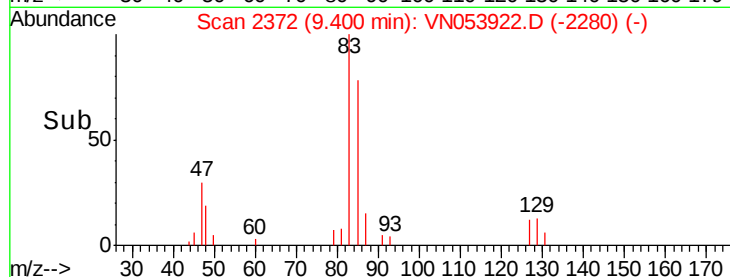
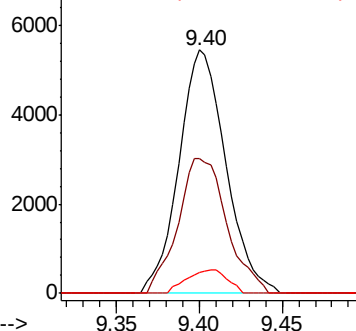
127 8.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN053922.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN053922.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN053922.D (-2356) (-)



#48

Methyl methacrylate

Concen: 0.878 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

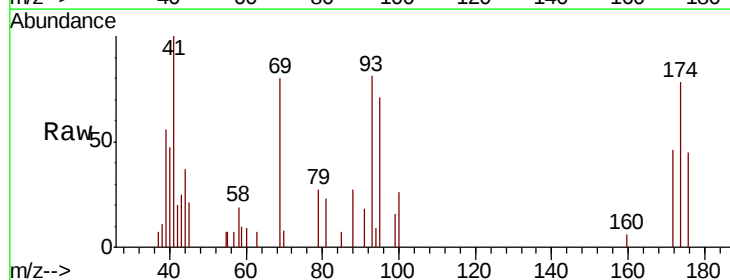
Tgt Ion: 41 Resp: 4989

Ion Ratio Lower Upper

41 100

69 97.6 74.8 112.2

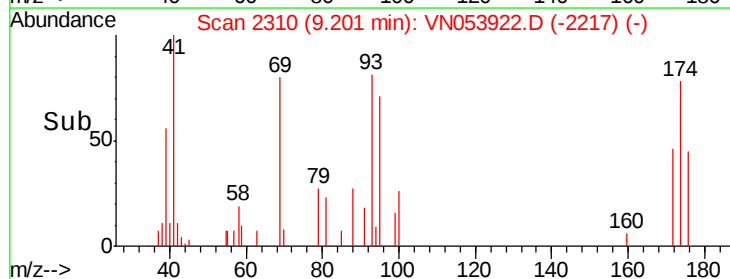
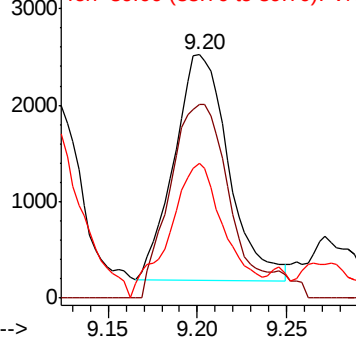
39 60.2 39.0 58.6#

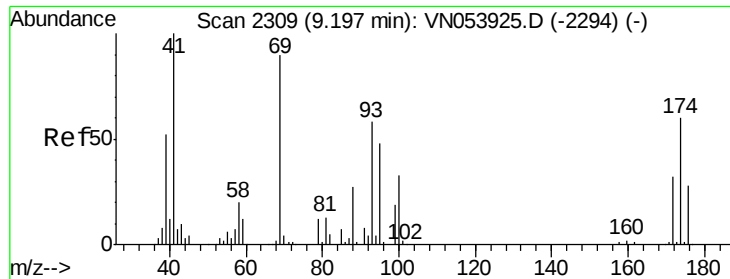


Abundance Ion 41.00 (40.70 to 41.70): VN053922.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN053922.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN053922.D (-2297) (-)

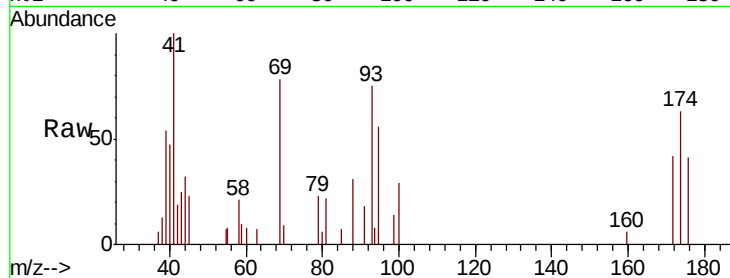




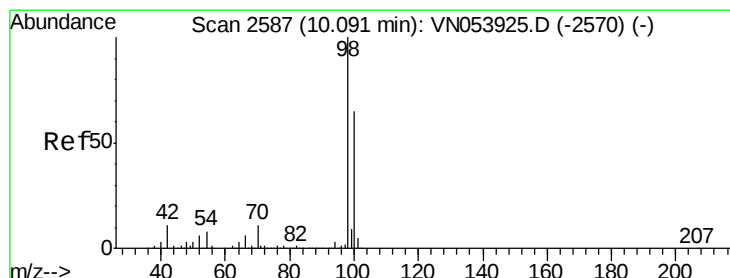
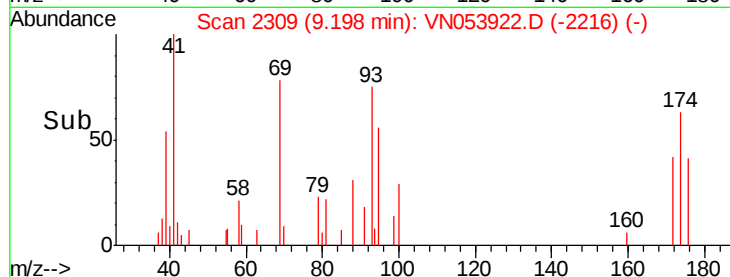
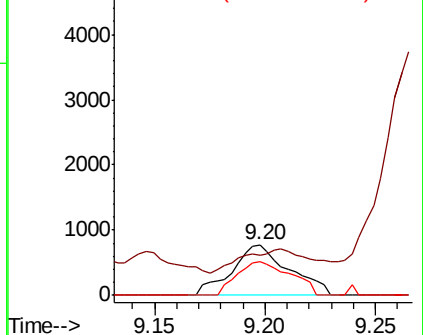
#49
 1,4-Dioxane
 Concen: 18.031 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 88 Resp: 1388
 Ion Ratio Lower Upper
 88 100
 43 56.8 21.2 31.8#
 58 63.0 54.2 81.2

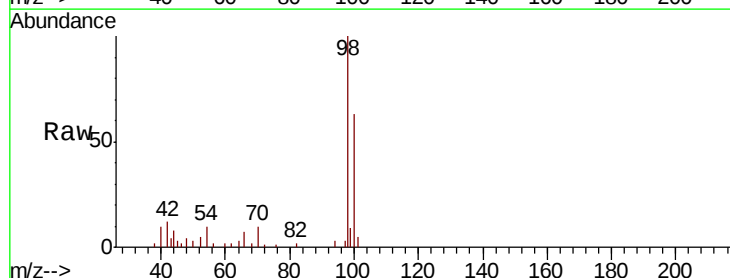


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

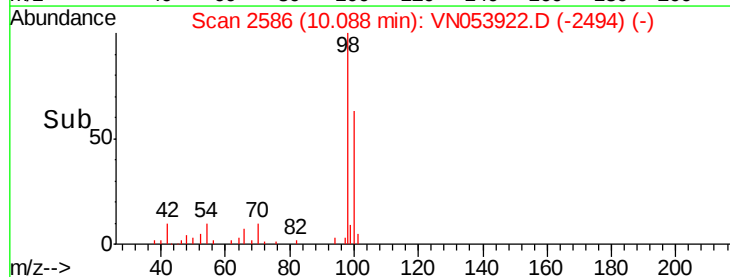
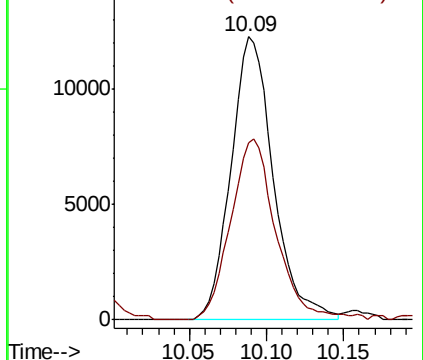


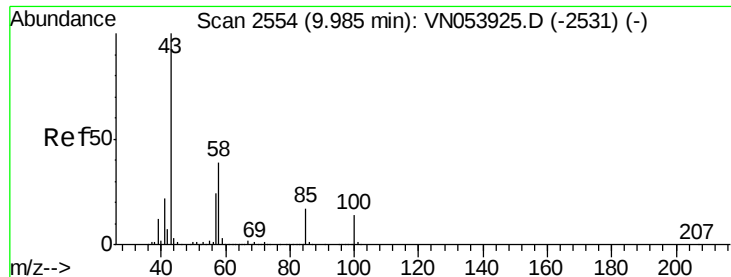
#50
 Toluene-d8
 Concen: 0.881 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Tgt Ion: 98 Resp: 23369
 Ion Ratio Lower Upper
 98 100
 100 68.4 51.9 77.9



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

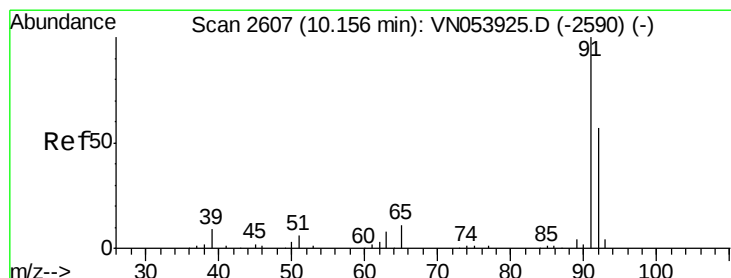
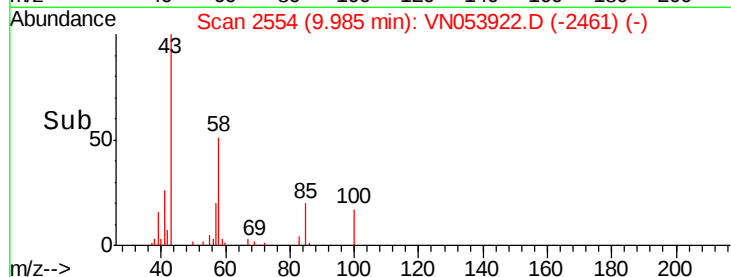
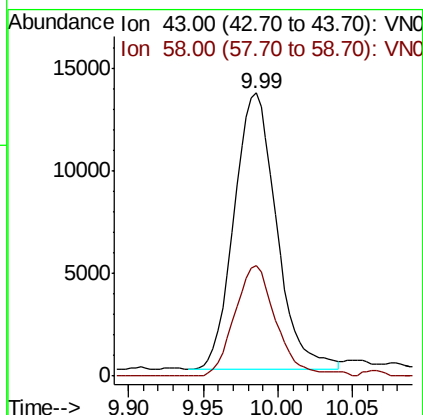
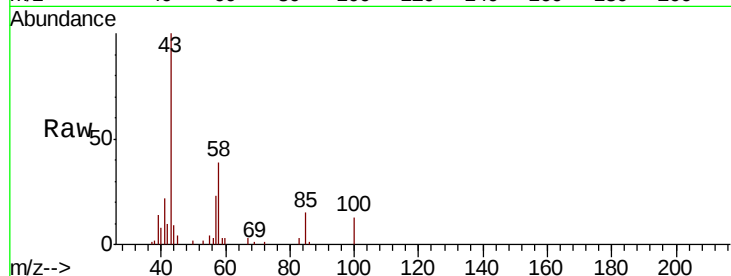




#51
 4-Methyl-2-Pentanone
 Concen: 4.206 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

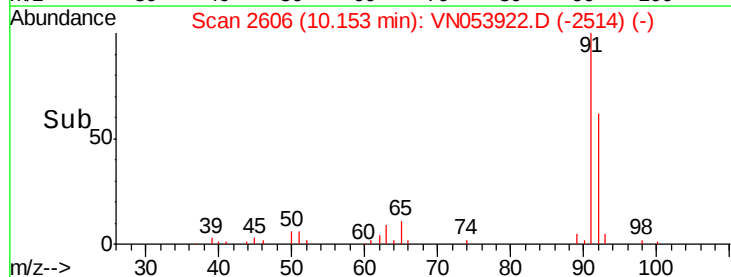
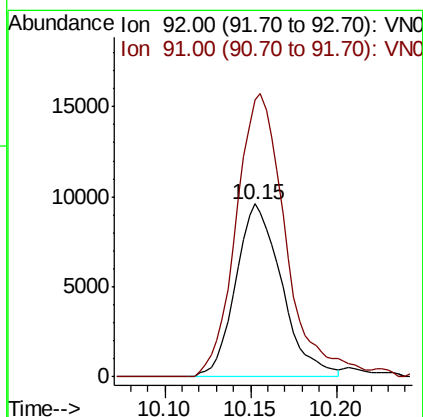
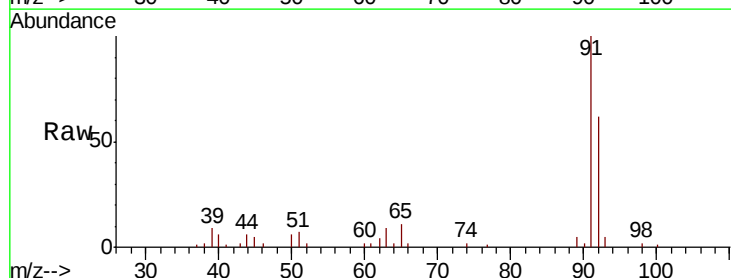
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

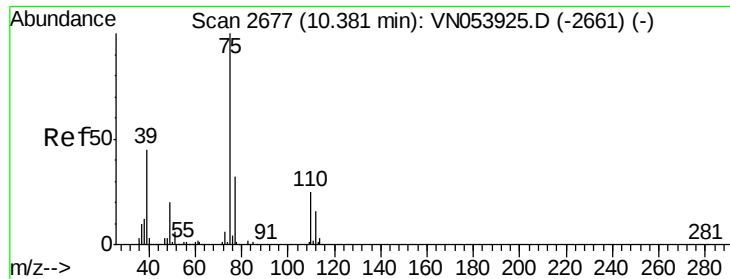
Tgt Ion: 43 Resp: 26703
 Ion Ratio Lower Upper
 43 100
 58 39.1 32.7 49.1



#52
 Toluene
 Concen: 0.967 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Tgt Ion: 92 Resp: 17923
 Ion Ratio Lower Upper
 92 100
 91 176.2 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 0.859 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampled :

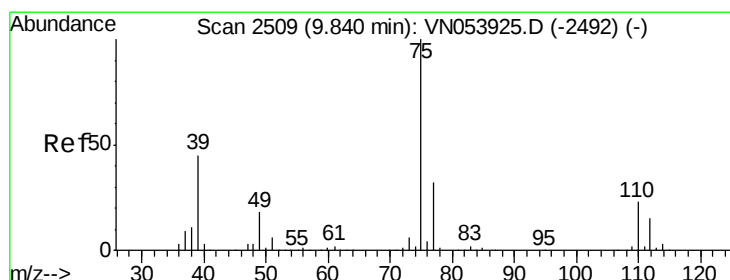
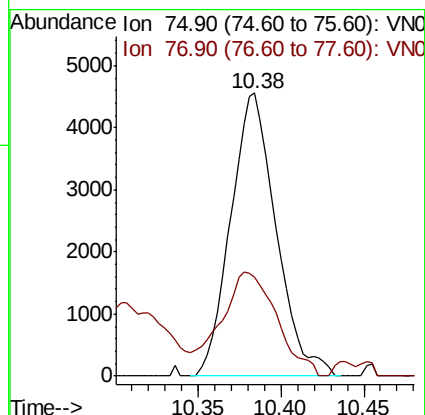
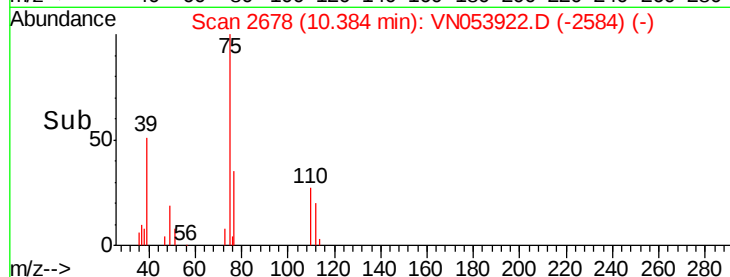
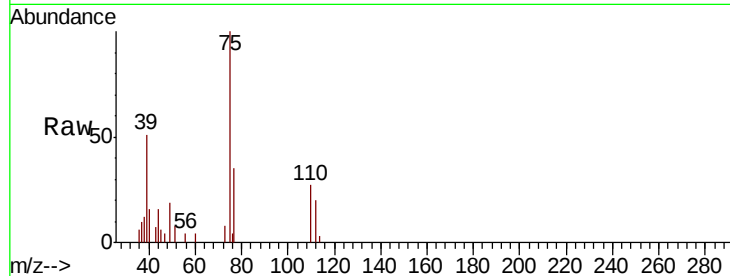
VSTDIC001

Tgt Ion: 75 Resp: 8688

Ion Ratio Lower Upper

75 100

77 29.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 0.920 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

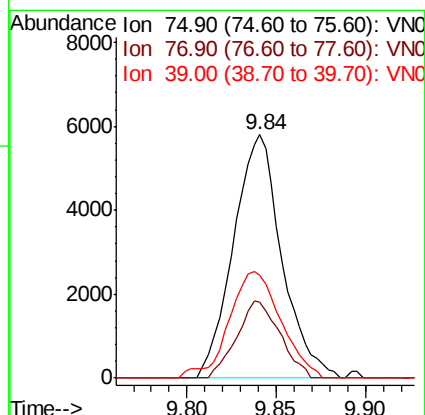
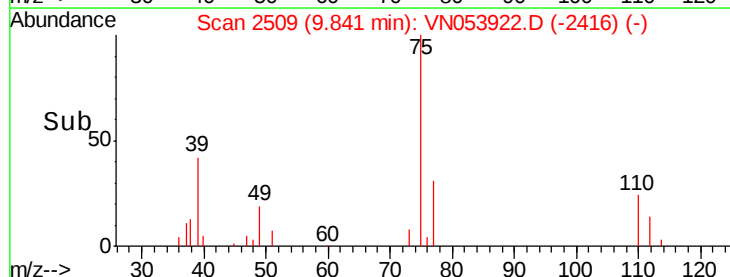
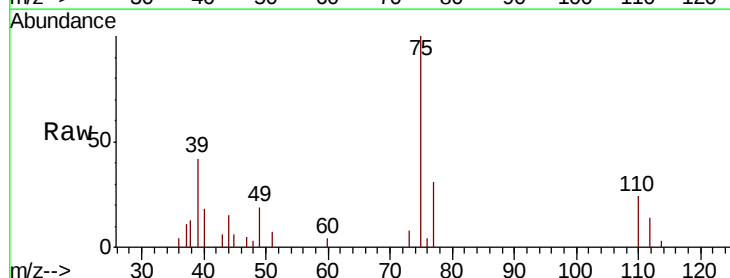
Tgt Ion: 75 Resp: 10966

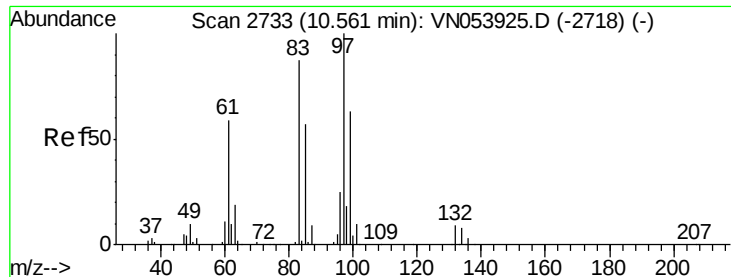
Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

39 42.3 31.4 47.0

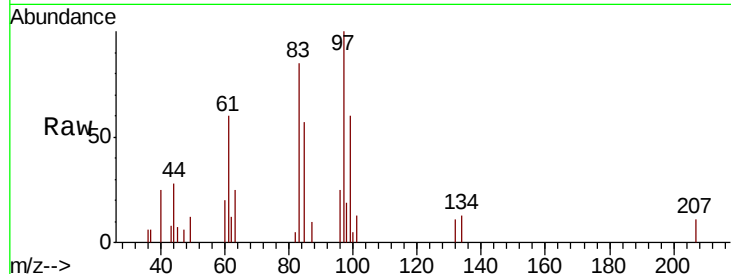




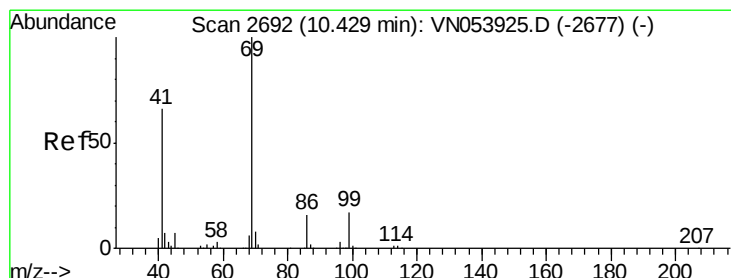
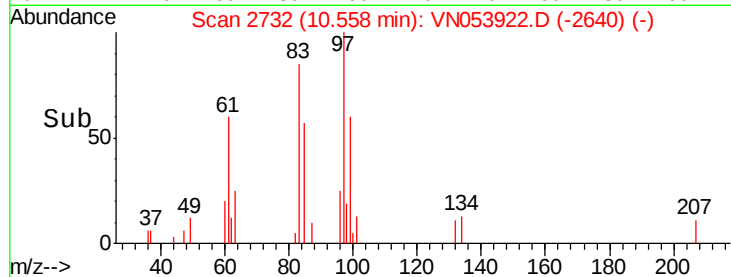
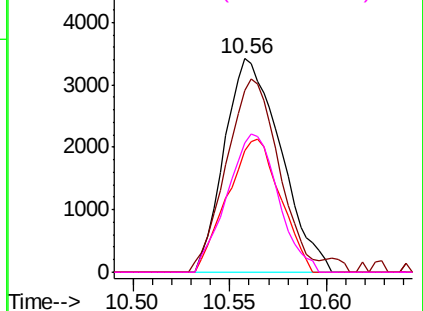
#55
 1,1,2-Trichloroethane
 Concen: 1.000 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 97 Resp: 6922
 Ion Ratio Lower Upper
 97 100
 83 85.4 69.5 104.3
 85 56.8 45.9 68.9
 99 60.4 49.1 73.7

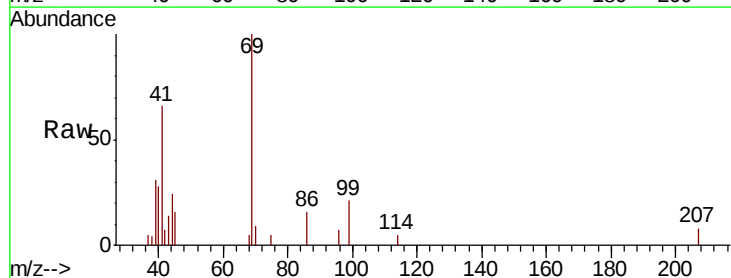


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

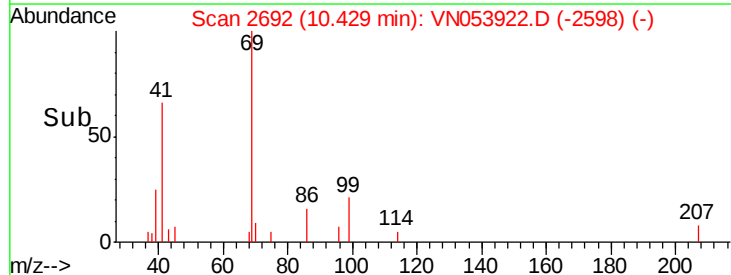
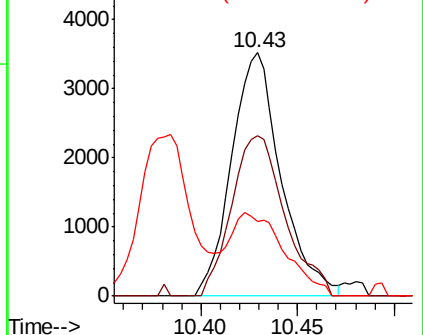


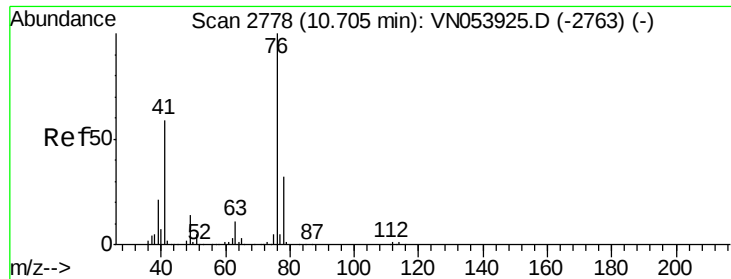
#56
 Ethyl methacrylate
 Concen: 2.617 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Tgt Ion: 69 Resp: 6257
 Ion Ratio Lower Upper
 69 100
 41 71.3 47.5 71.3#
 39 39.4 23.4 35.0#



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

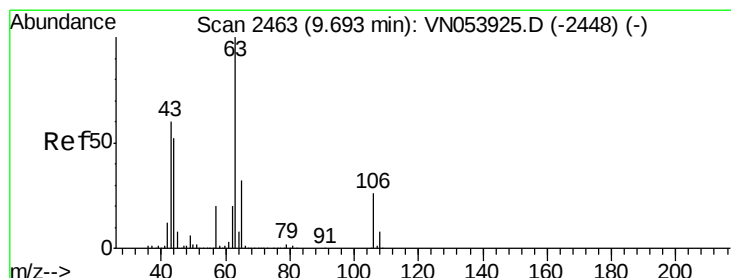
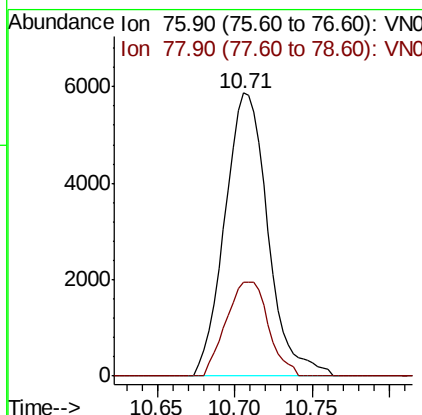
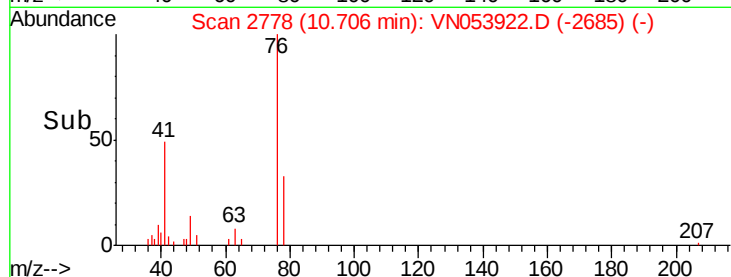
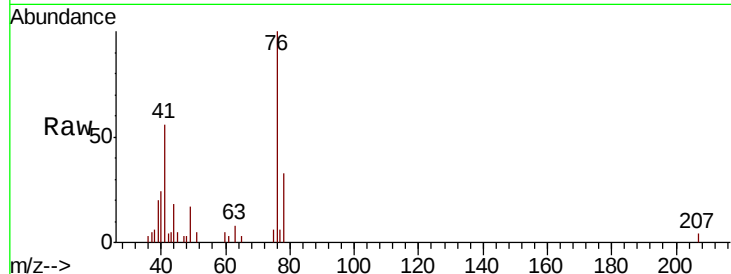




#57
 1,3-Dichloropropane
 Concen: 0.971 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

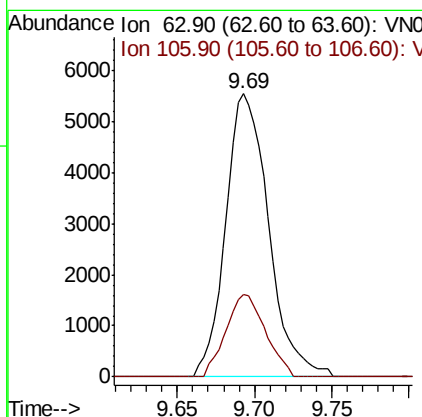
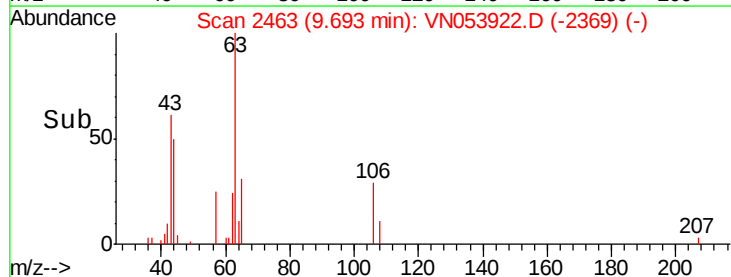
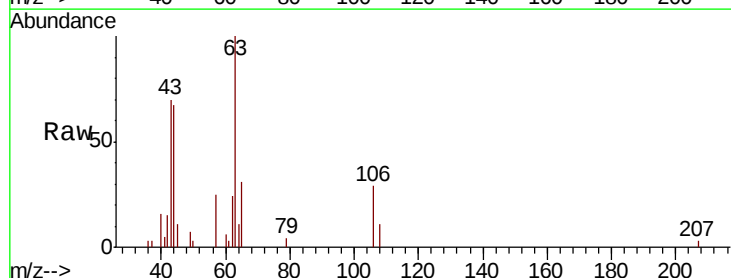
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

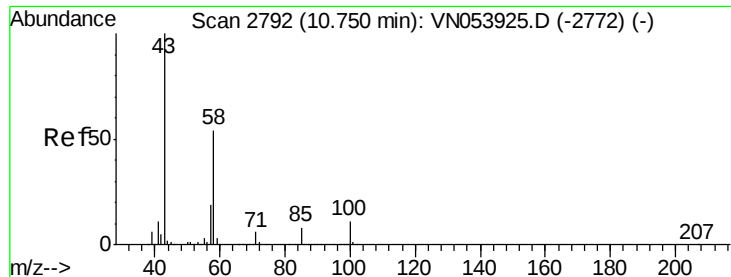
Tgt Ion: 76 Resp: 11365
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 16.012 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Tgt Ion: 63 Resp: 10695
 Ion Ratio Lower Upper
 63 100
 106 26.8 22.2 33.2

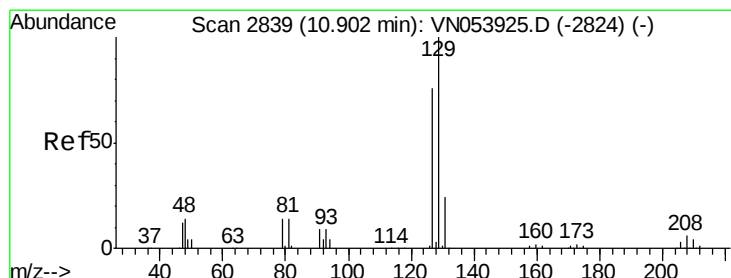
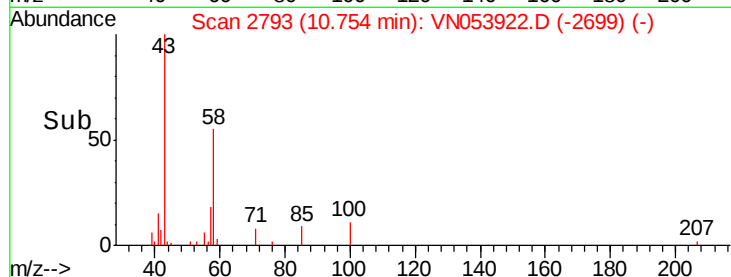
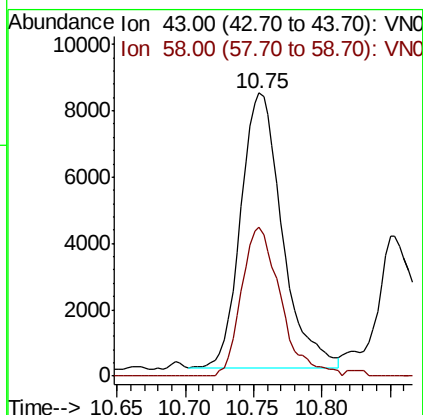
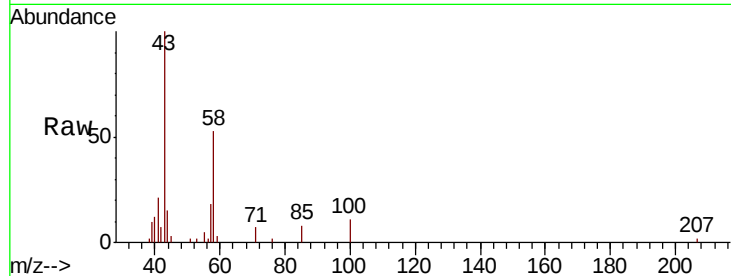




#59
2-Hexanone
Concen: 4.232 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

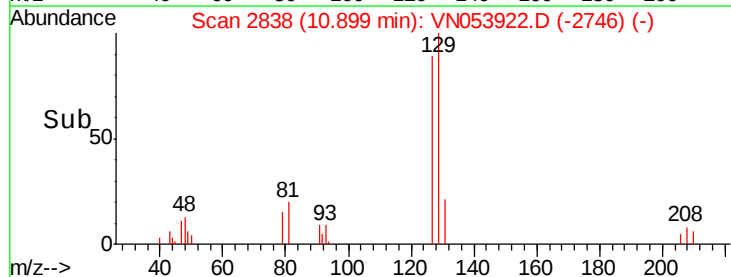
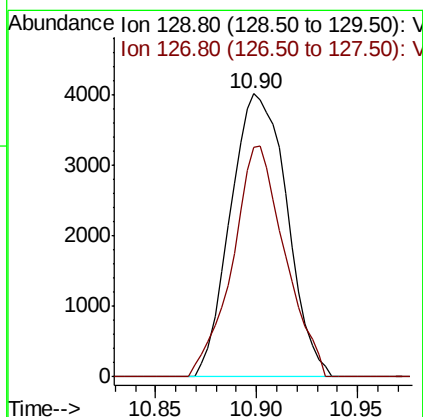
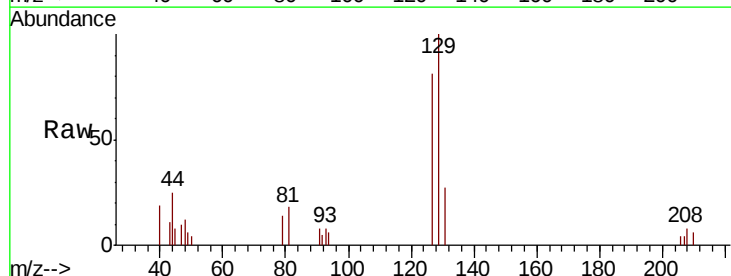
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

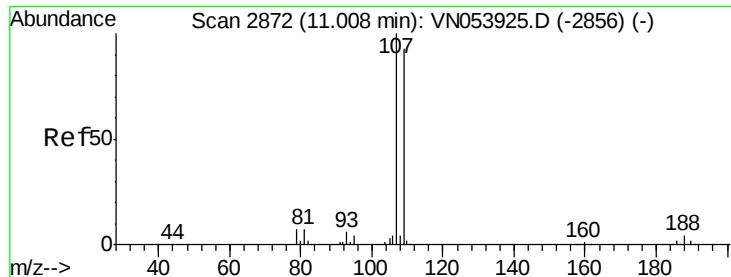
Tgt Ion: 43 Resp: 17476
Ion Ratio Lower Upper
43 100
58 51.3 29.1 87.4



#60
Dibromochloromethane
Concen: 1.023 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

Tgt Ion: 129 Resp: 7868
Ion Ratio Lower Upper
129 100
127 75.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 0.989 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

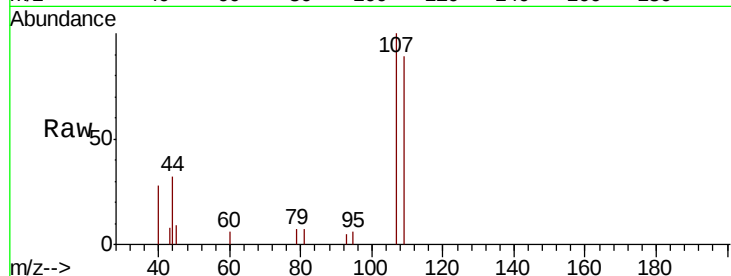
VSTDIC001

Tgt Ion: 107 Resp: 6604

Ion Ratio Lower Upper

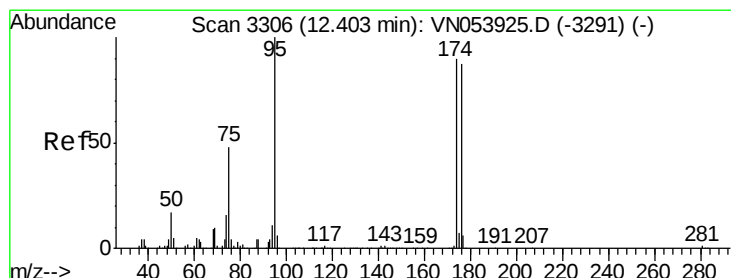
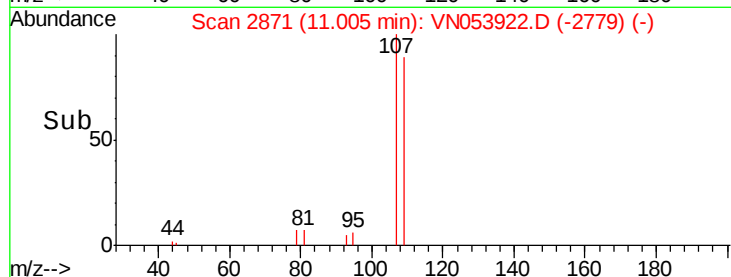
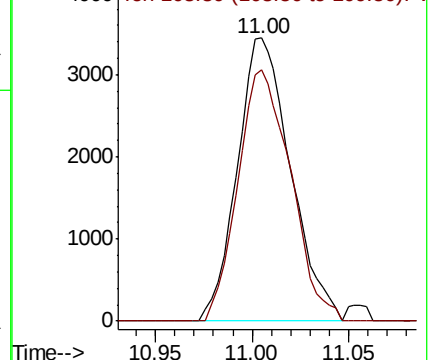
107 100

109 87.9 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.893 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

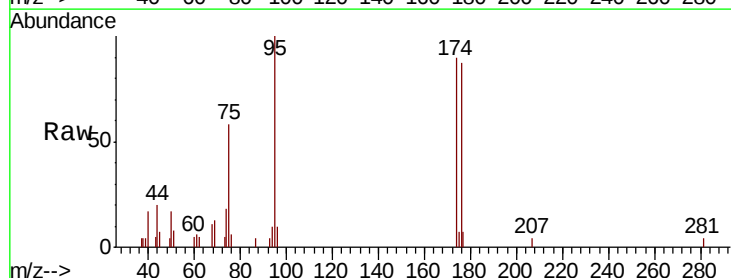
Tgt Ion: 95 Resp: 7896

Ion Ratio Lower Upper

95 100

174 92.8 0.0 188.8

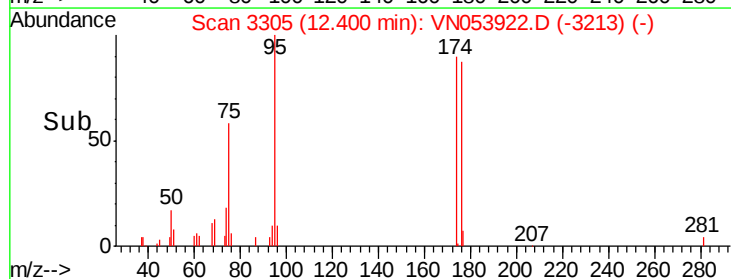
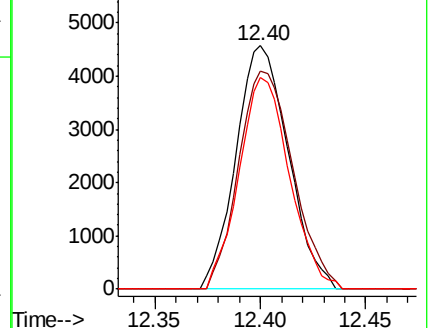
176 83.7 0.0 182.6

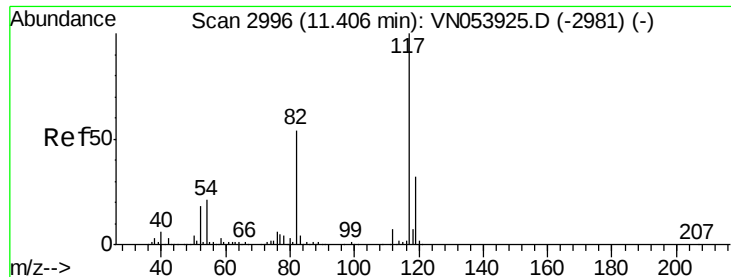


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

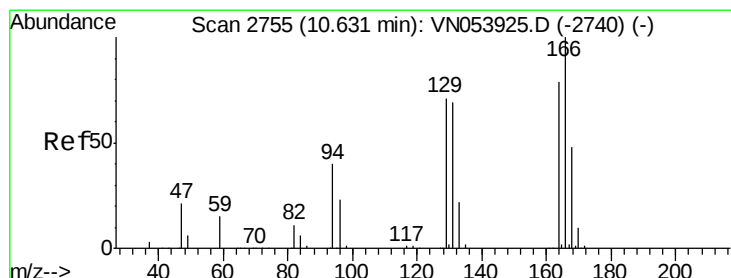
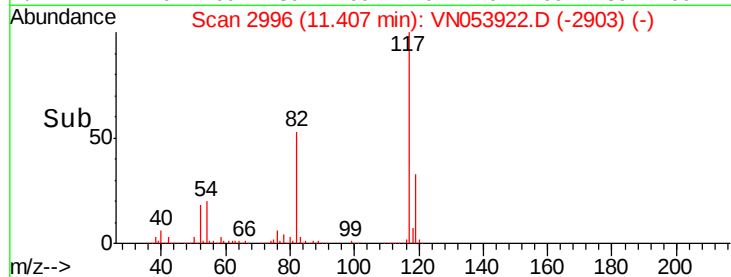
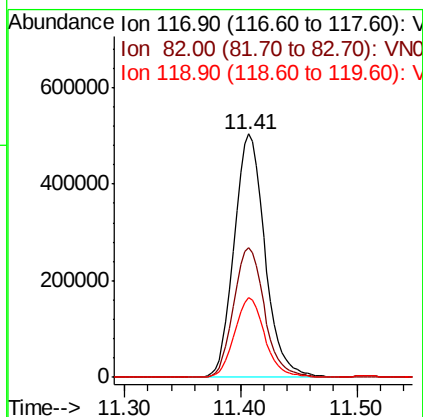
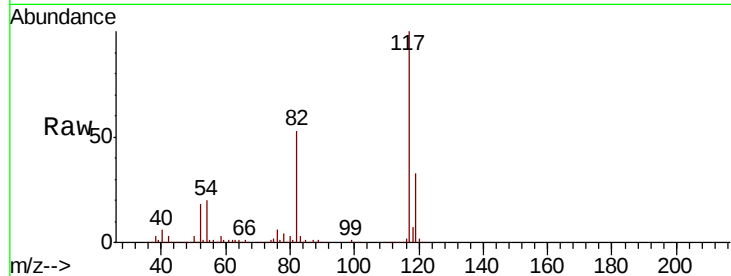




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

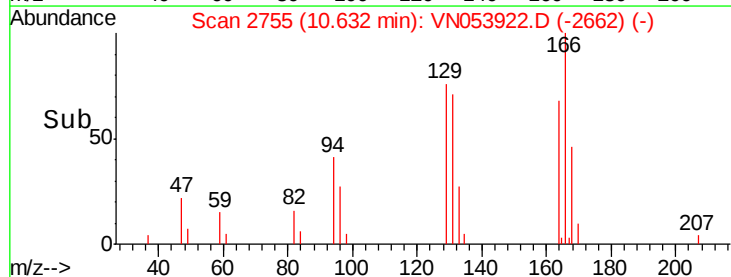
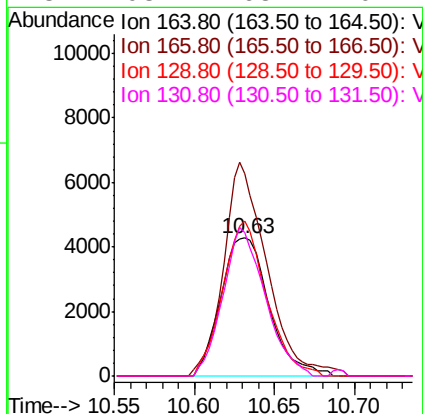
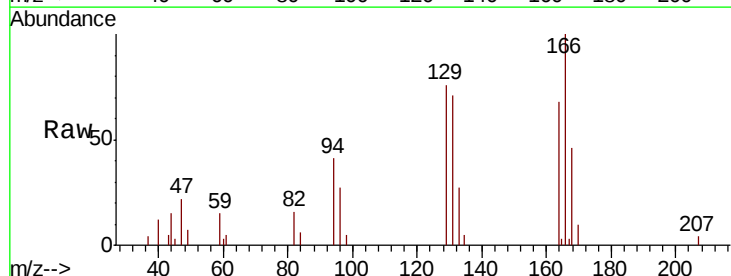
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 923985
Ion Ratio Lower Upper
117 100
82 53.4 41.4 62.2
119 32.7 25.3 37.9



#64
Tetrachloroethene
Concen: 1.132 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

Tgt Ion:164 Resp: 8859
Ion Ratio Lower Upper
164 100
166 146.4 102.6 153.8
129 112.0 69.4 104.0#
131 103.7 68.1 102.1#

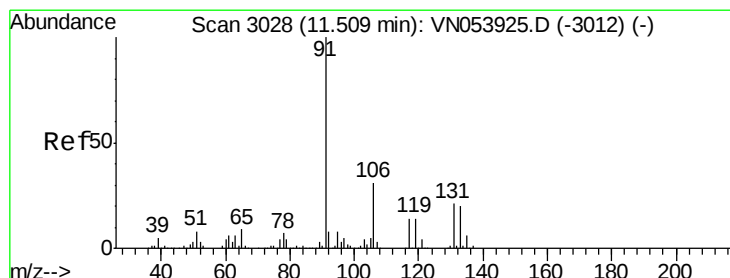
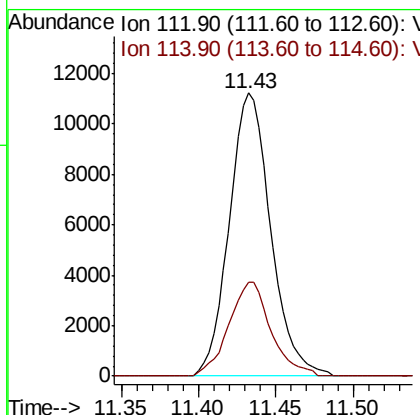
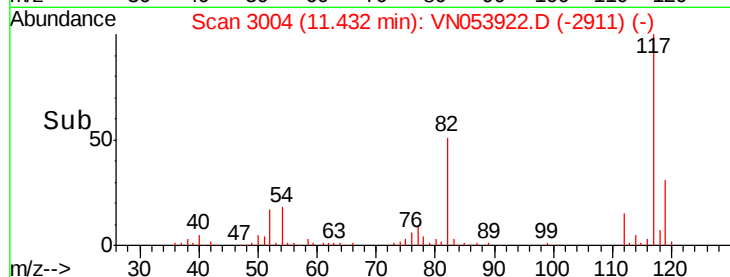
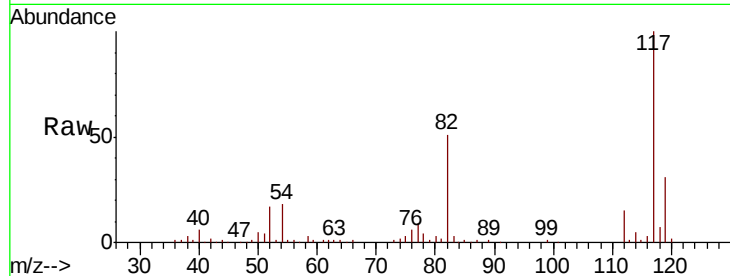




#65
Chlorobenzene
Concen: 1.071 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

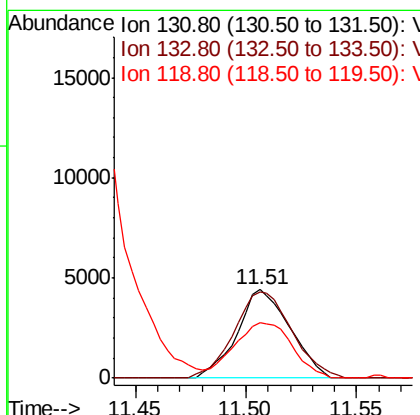
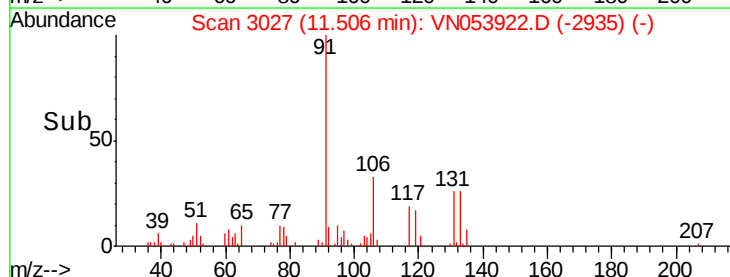
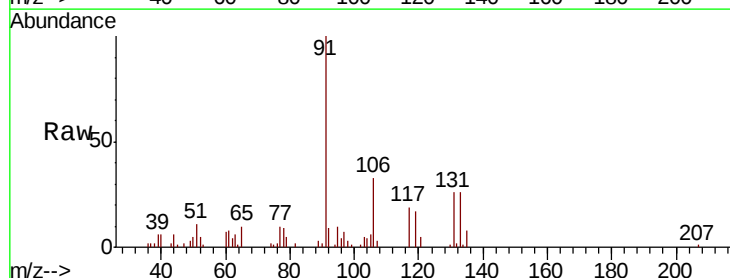
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

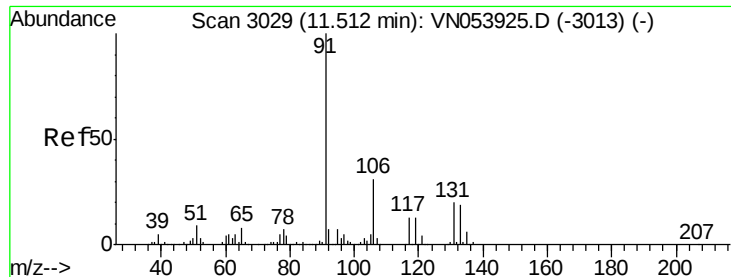
Tgt Ion:112 Resp: 20876
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 1.039 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

Tgt Ion:131 Resp: 7304
Ion Ratio Lower Upper
131 100
133 106.9 47.7 143.1
119 0.0 33.1 99.3#

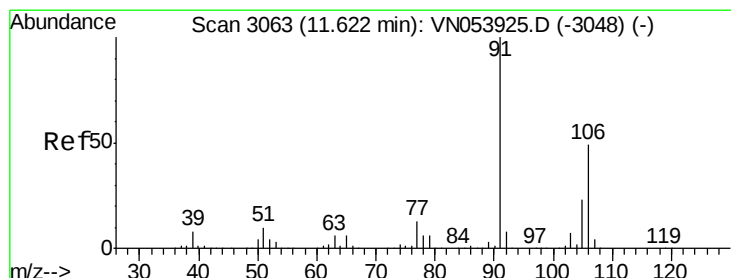
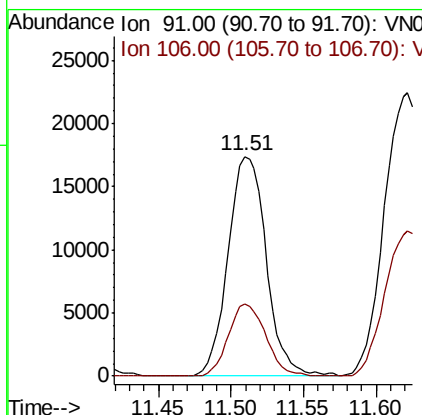
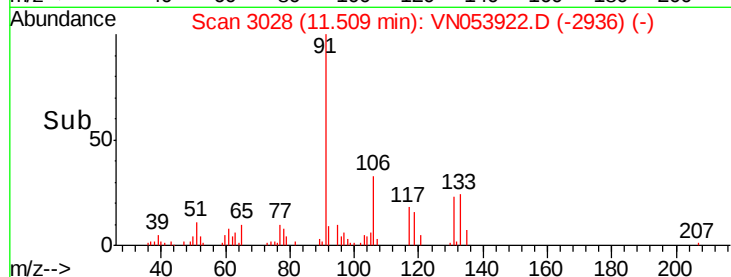
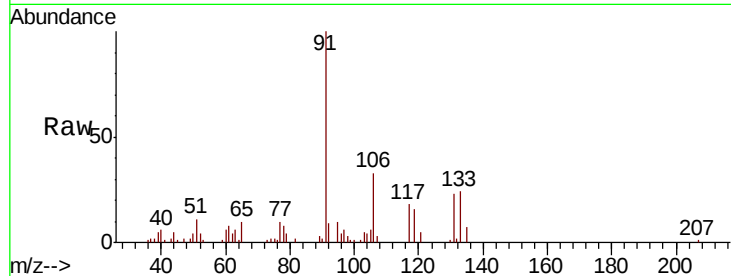




#67
Ethyl Benzene
Concen: 0.974 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

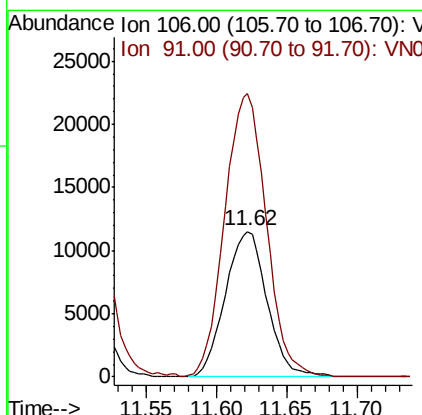
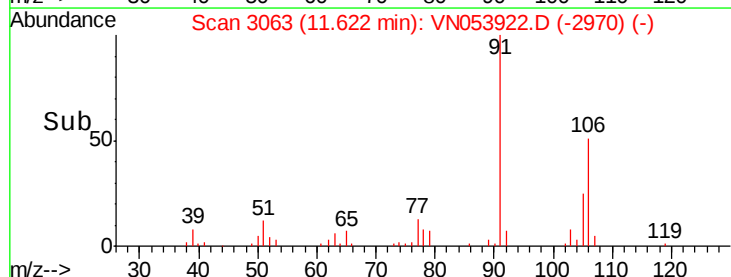
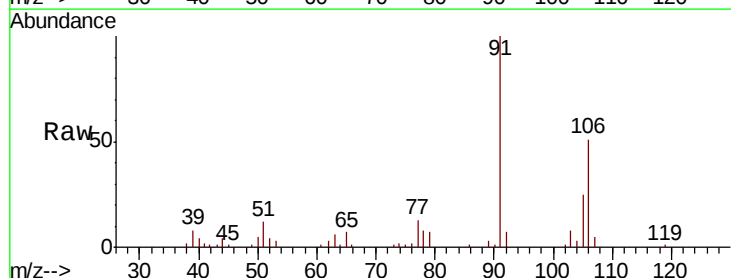
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

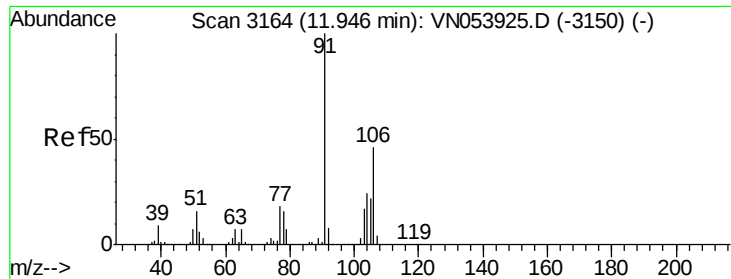
Tgt Ion: 91 Resp: 31827
Ion Ratio Lower Upper
91 100
106 33.0 25.2 37.8



#68
m/p-Xylenes
Concen: 1.926 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

Tgt Ion: 106 Resp: 23769
Ion Ratio Lower Upper
106 100
91 194.5 158.9 238.3

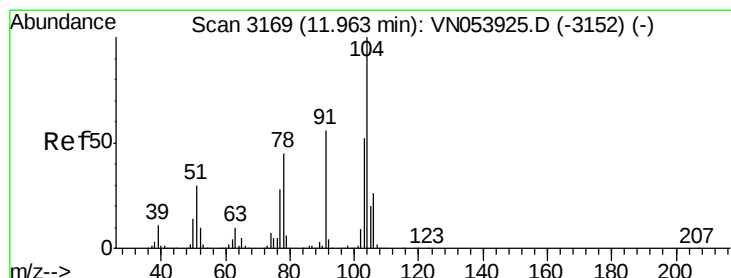
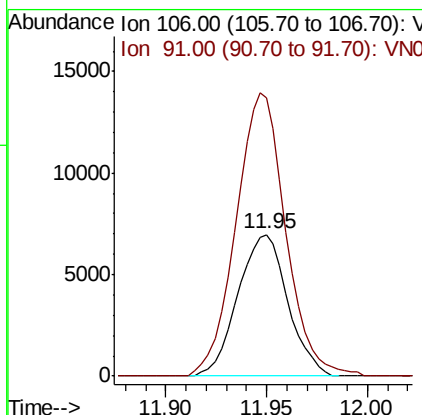
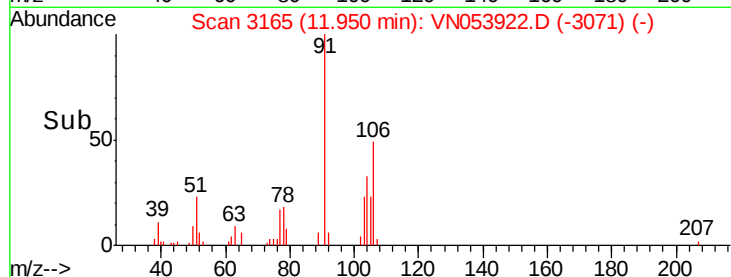
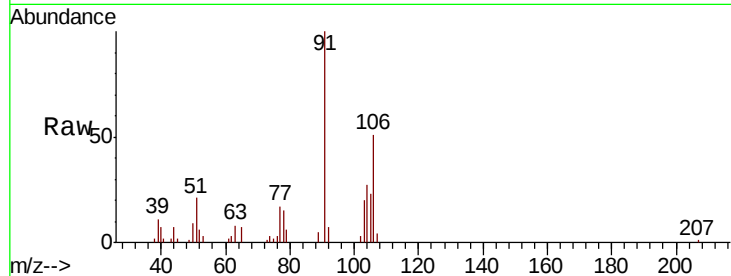




#69
o-Xylene
Concen: 0.993 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

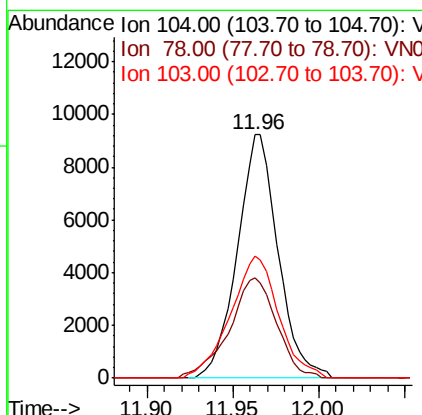
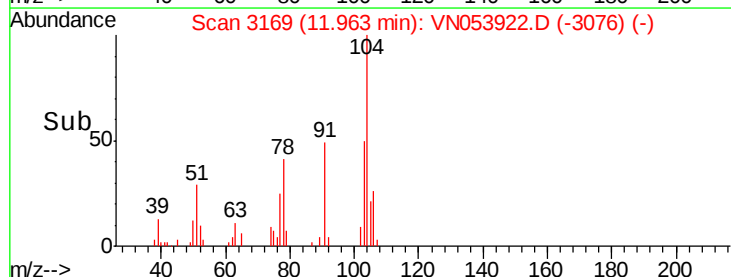
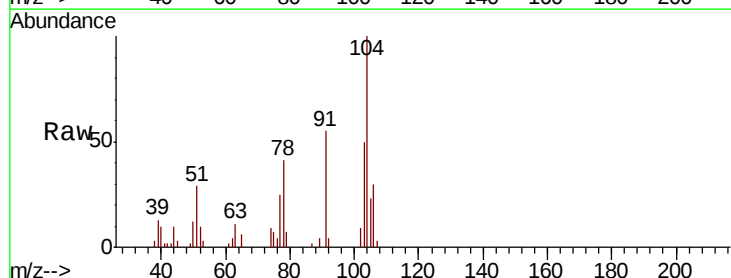
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

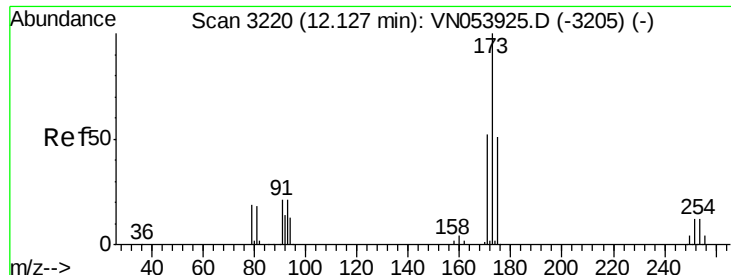
Tgt Ion:106 Resp: 12040
Ion Ratio Lower Upper
106 100
91 199.4 106.0 318.0



#70
Styrene
Concen: 0.818 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053922.D
Acq: 25 Feb 2019 11:01

Tgt Ion:104 Resp: 15251
Ion Ratio Lower Upper
104 100
78 47.8 38.1 57.1
103 59.1 44.6 67.0





#71

Bromoform

Concen: 0.940 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

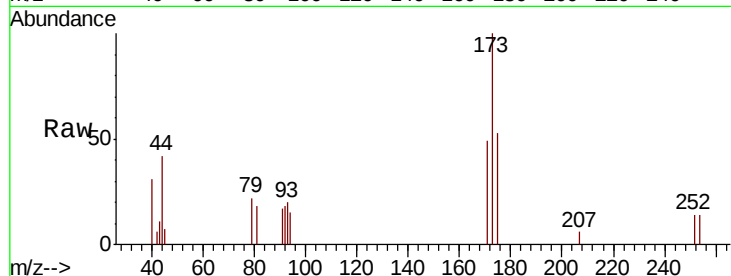
Tgt Ion:173 Resp: 4594

Ion Ratio Lower Upper

173 100

175 53.7 24.3 72.8

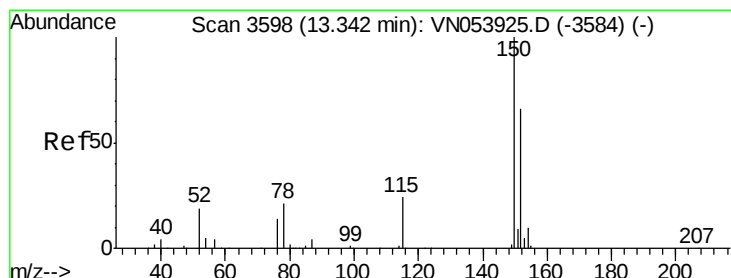
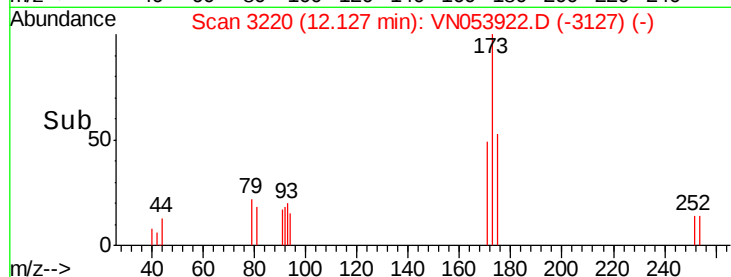
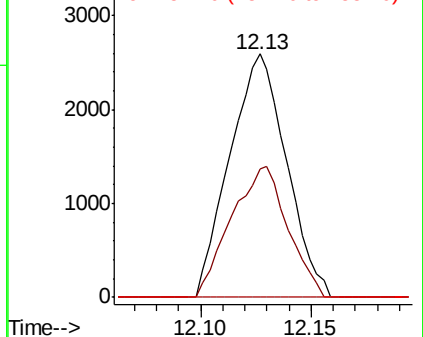
254 0.0 0.2 0.2#



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: VN053922.D

Acq: 25 Feb 2019 11:01

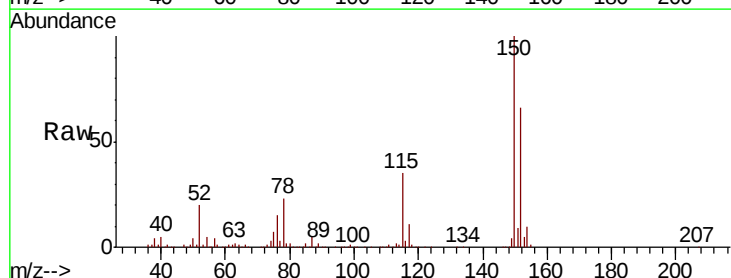
Tgt Ion:152 Resp: 338253

Ion Ratio Lower Upper

152 100

115 55.6 27.2 81.6

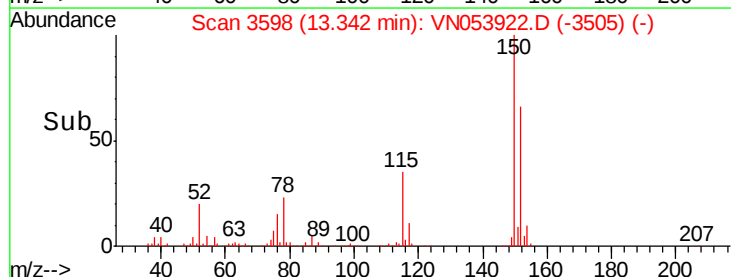
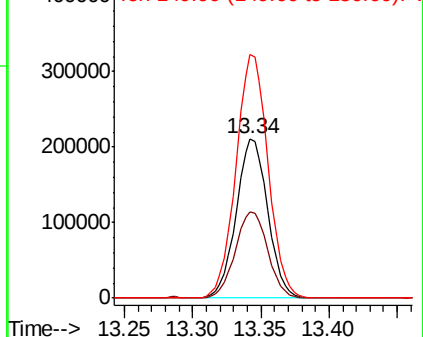
150 155.3 0.0 348.2

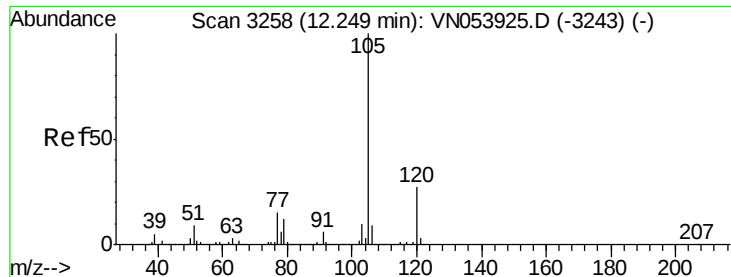


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.109 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

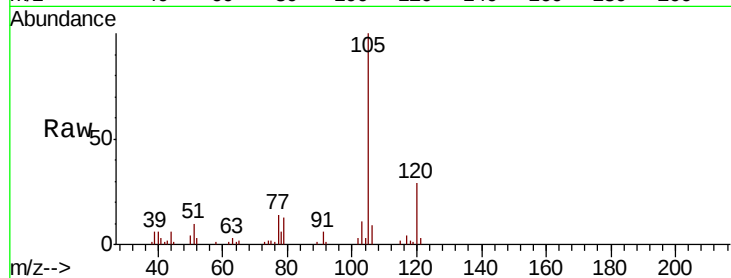
VSTDIC001

Tgt Ion:105 Resp: 29209

Ion Ratio Lower Upper

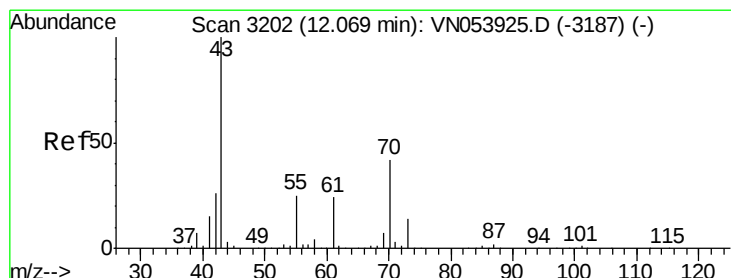
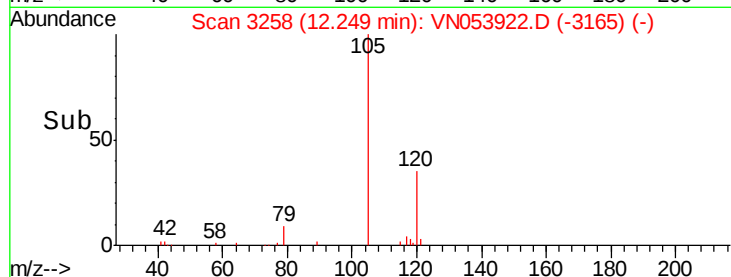
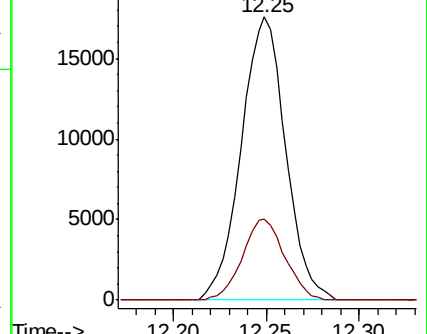
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.870 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Tgt Ion: 43 Resp: 6004

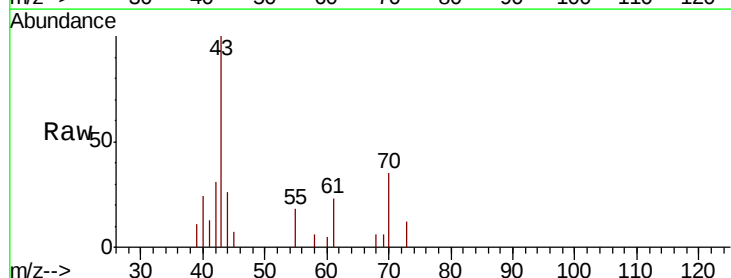
Ion Ratio Lower Upper

43 100

70 39.9 37.4 56.2

55 11.3 21.4 32.0#

61 24.1 20.9 31.3

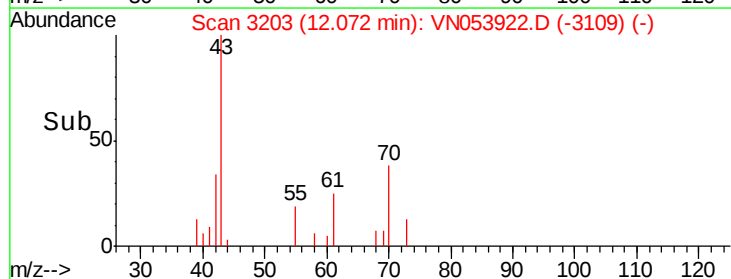
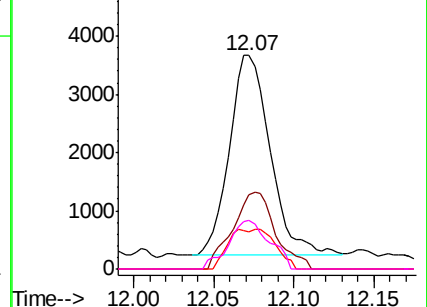


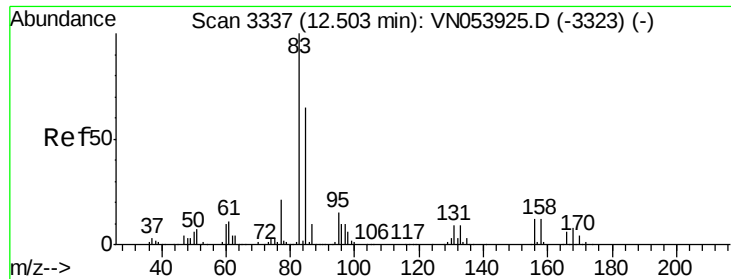
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 1.151 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

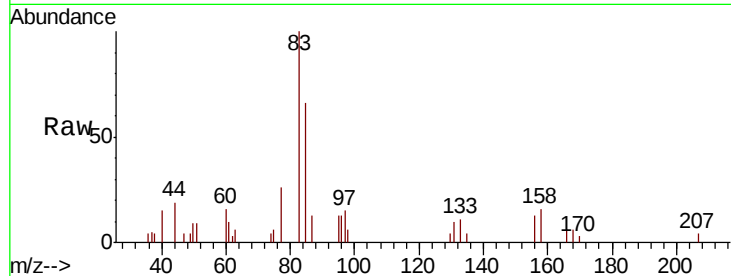
Tgt Ion: 83 Resp: 7579

Ion Ratio Lower Upper

83 100

131 8.8 5.3 16.1

85 66.5 31.9 95.9



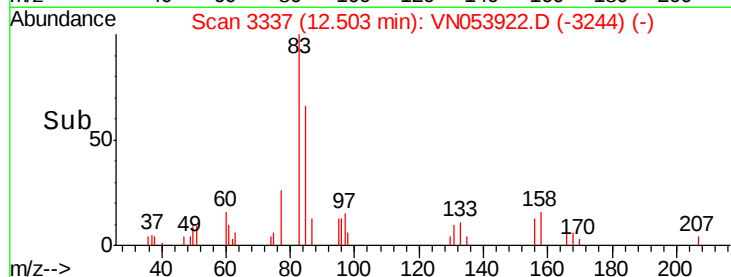
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.50

Time-->



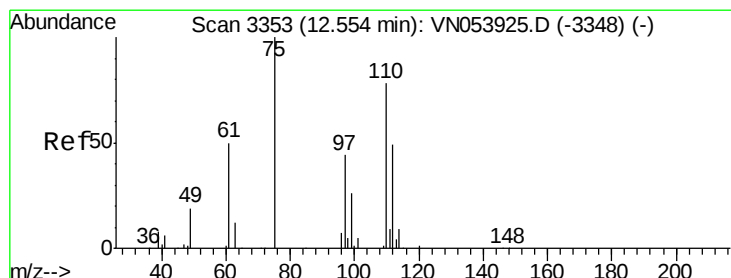
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.50

Time-->



#76

1,2,3-Trichloropropane

Concen: 1.589 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053922.D

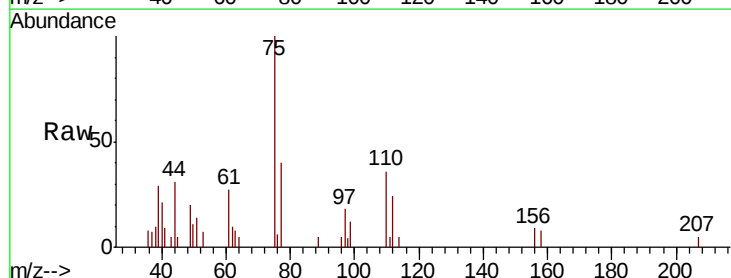
Acq: 25 Feb 2019 11:01

Tgt Ion: 75 Resp: 8624

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

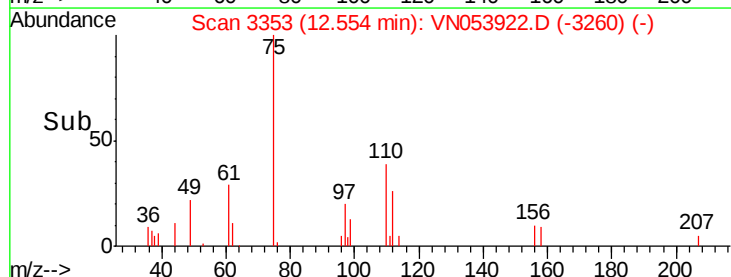


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.55

Time-->

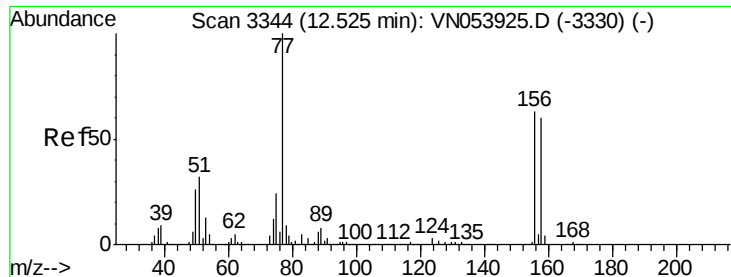


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.55

Time-->



#77

Bromobenzene

Concen: 1.112 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

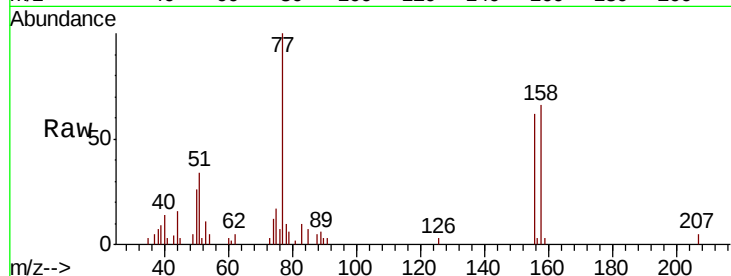
Tgt Ion: 156 Resp: 7434

Ion Ratio Lower Upper

156 100

77 190.6 84.0 252.2

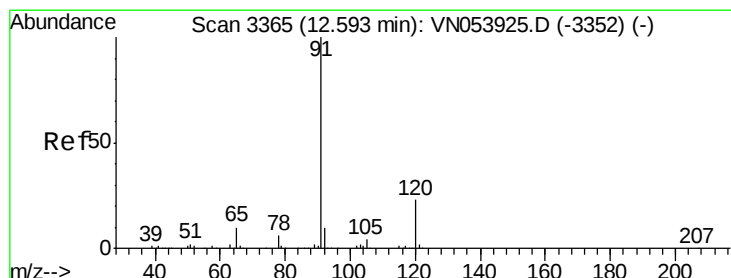
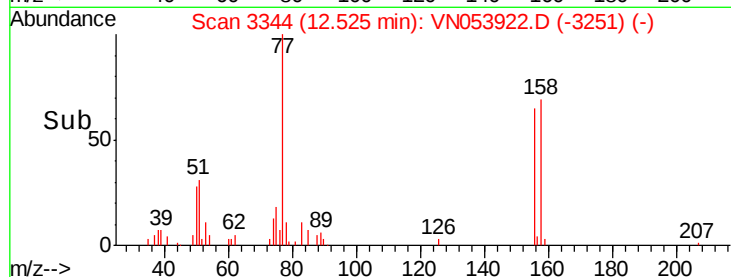
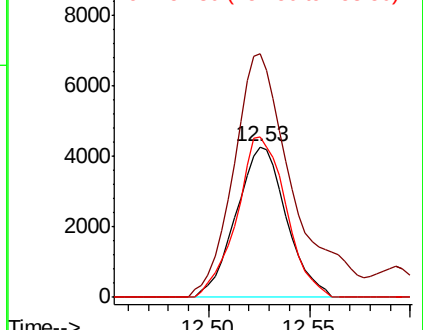
158 104.5 48.5 145.6



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: 1.046 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053922.D

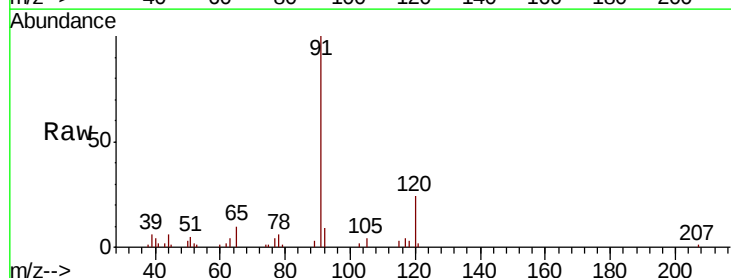
Acq: 25 Feb 2019 11:01

Tgt Ion: 91 Resp: 31335

Ion Ratio Lower Upper

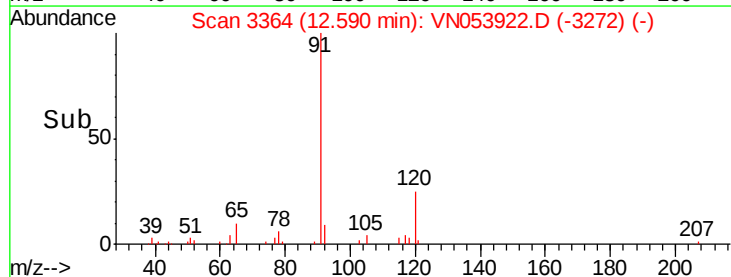
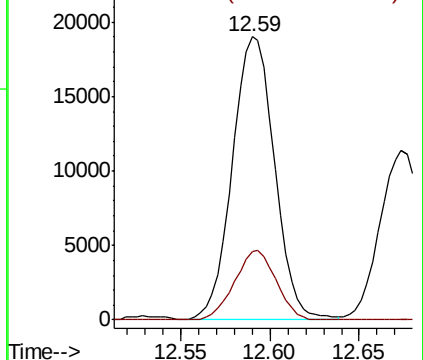
91 100

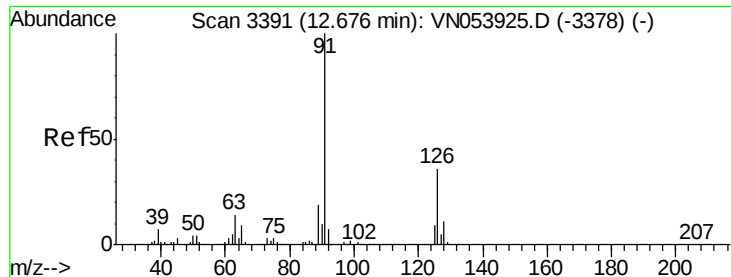
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.098 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

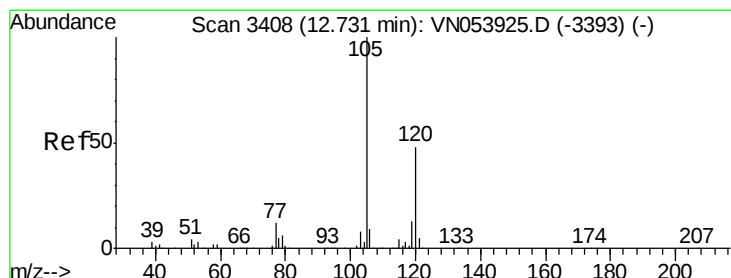
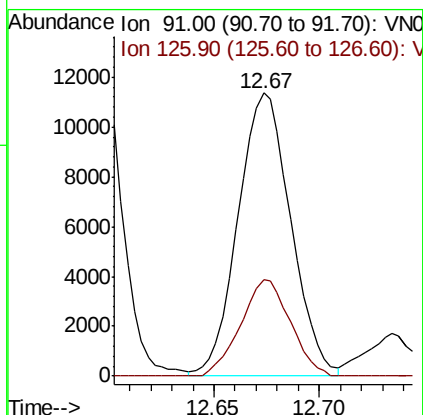
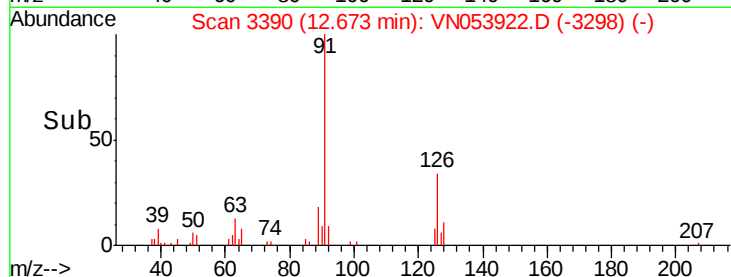
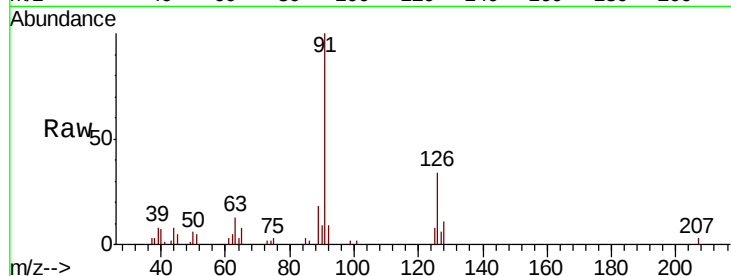
VSTDIC001

Tgt Ion: 91 Resp: 19758

Ion Ratio Lower Upper

91 100

126 32.0 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 1.013 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053922.D

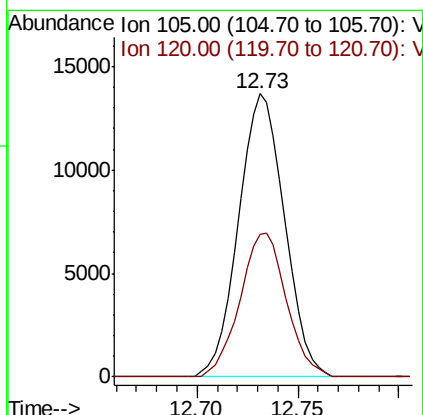
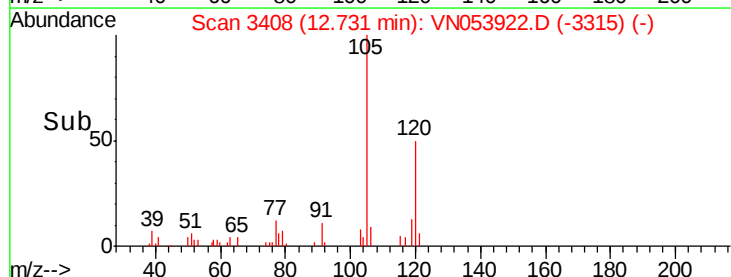
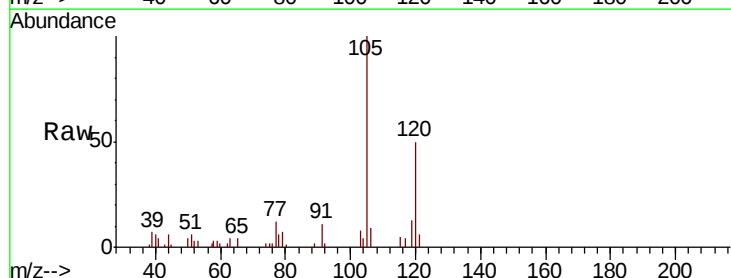
Acq: 25 Feb 2019 11:01

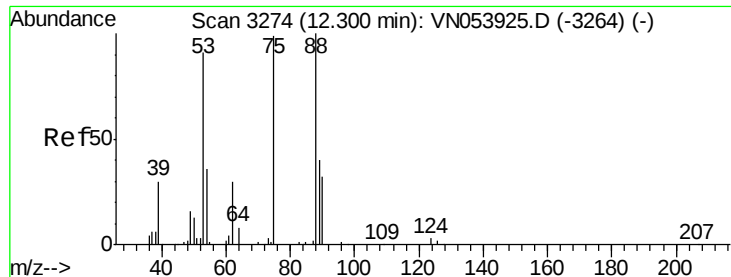
Tgt Ion: 105 Resp: 21830

Ion Ratio Lower Upper

105 100

120 51.2 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 0.991 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

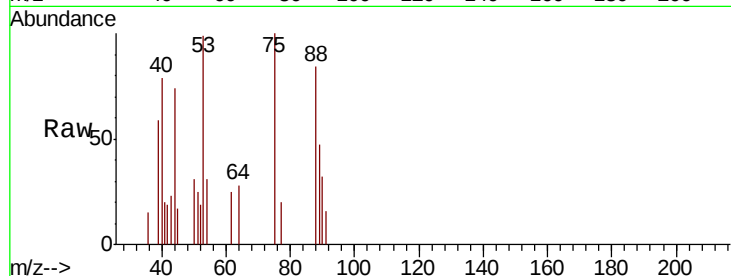
Tgt Ion: 75 Resp: 1701

Ion Ratio Lower Upper

75 100

53 101.4 68.6 102.8

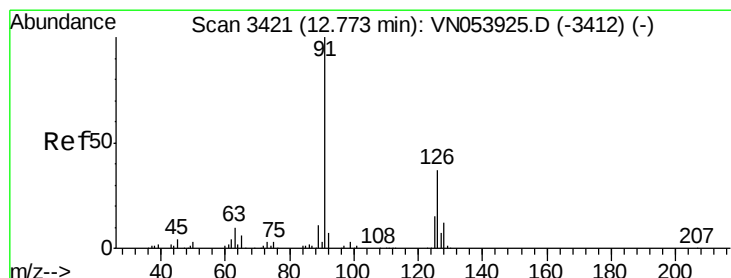
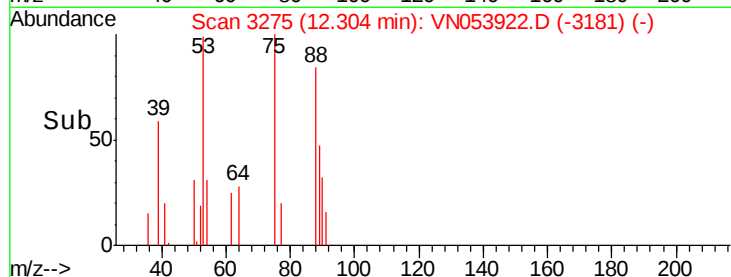
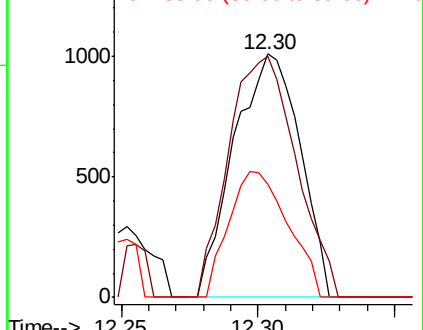
89 46.3 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 1.001 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053922.D

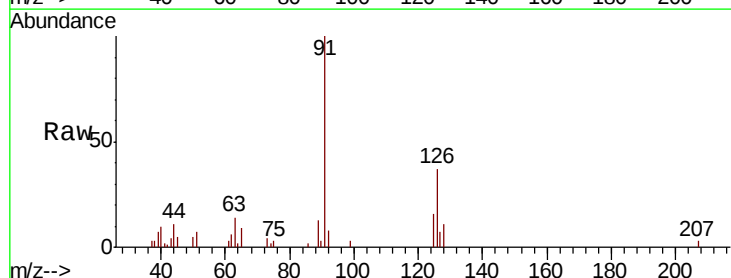
Acq: 25 Feb 2019 11:01

Tgt Ion: 91 Resp: 17795

Ion Ratio Lower Upper

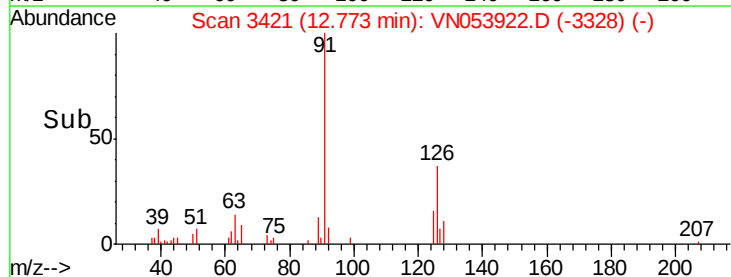
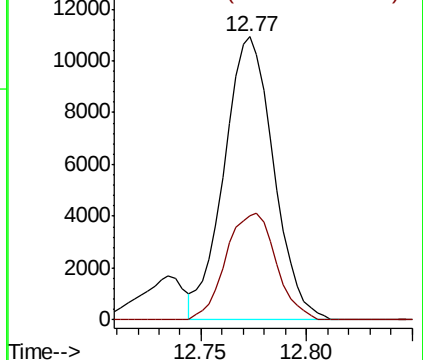
91 100

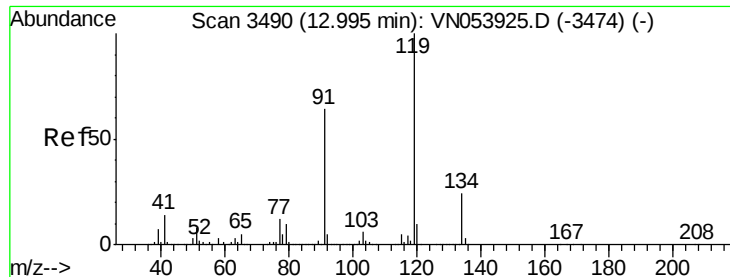
126 38.1 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

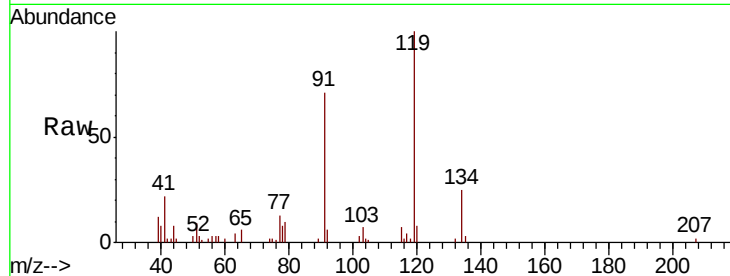




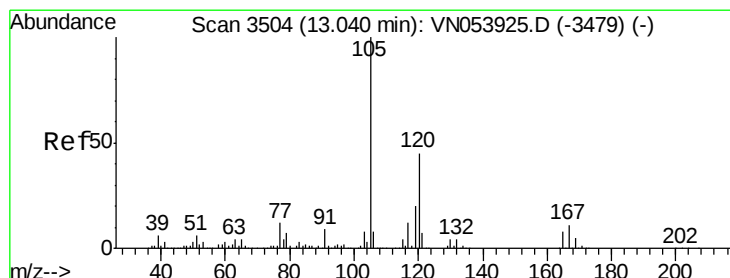
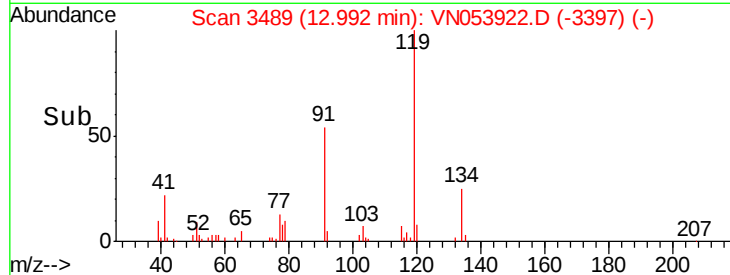
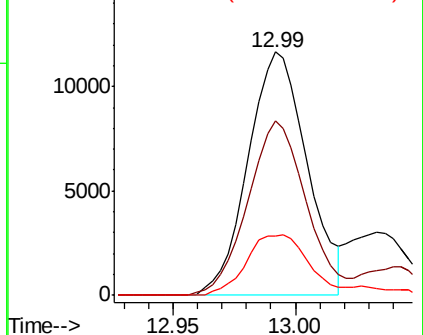
#83
 tert-Butylbenzene
 Concen: 1.026 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 19568
 Ion Ratio Lower Upper
 119 100
 91 70.7 30.6 91.8
 134 26.1 13.0 39.0

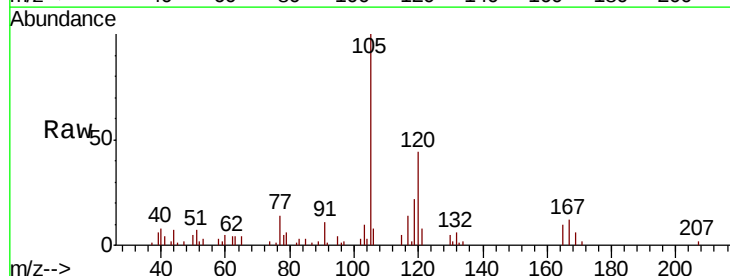


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

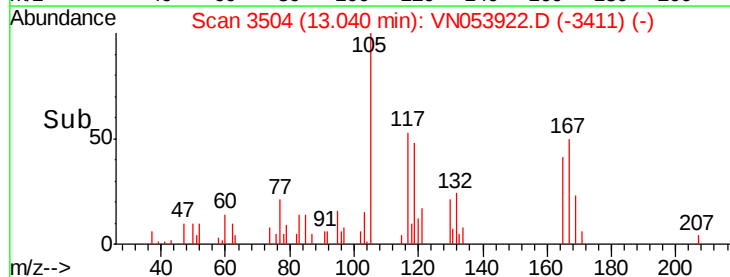
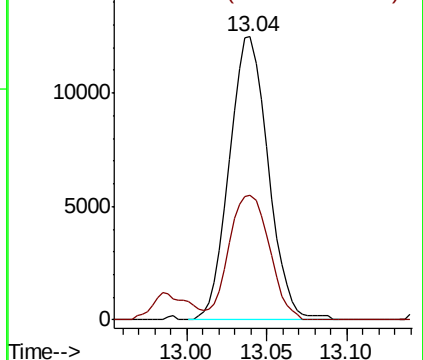


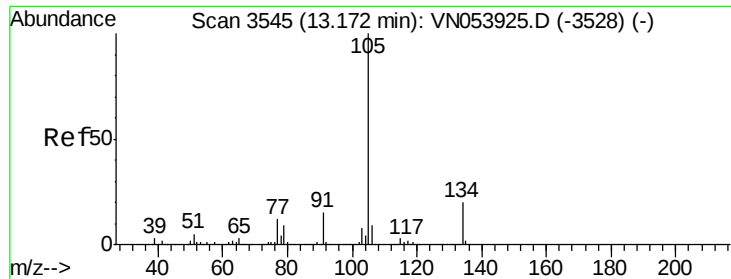
#84
 1,2,4-Trimethylbenzene
 Concen: 0.962 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Tgt Ion:105 Resp: 20693
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.2 69.5



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

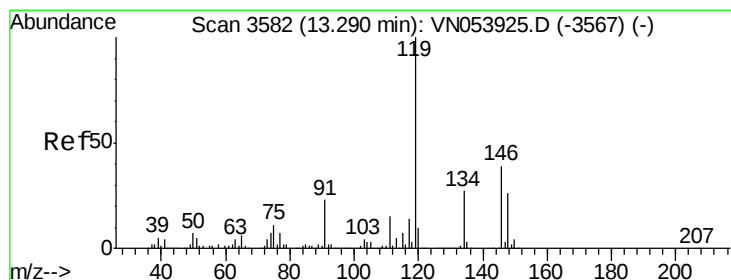
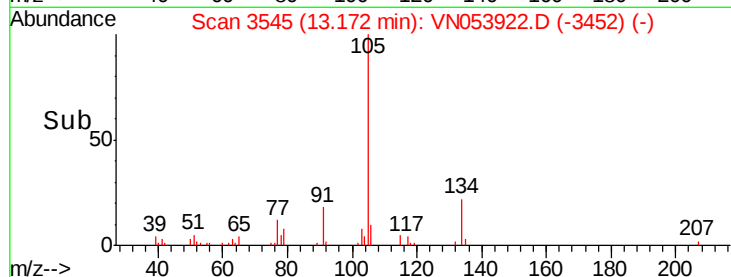
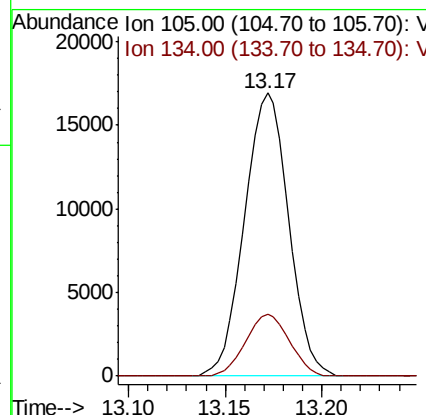
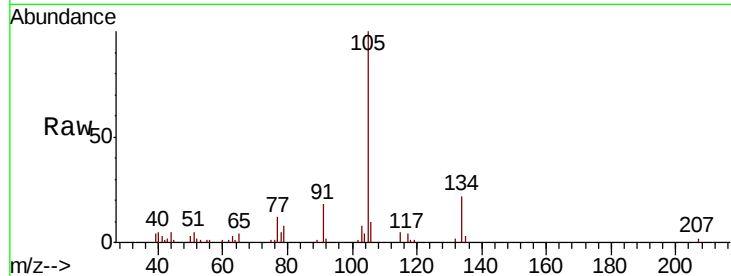




#85
 sec-Butylbenzene
 Concen: 1.035 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

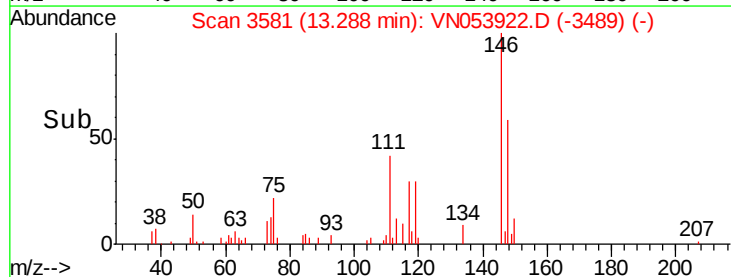
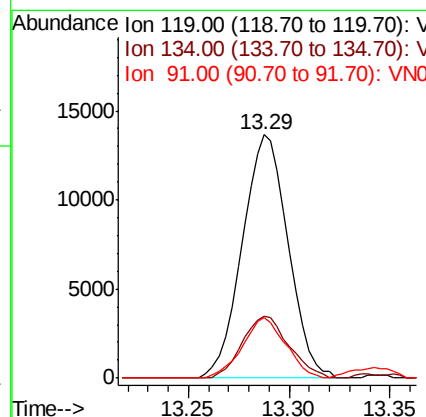
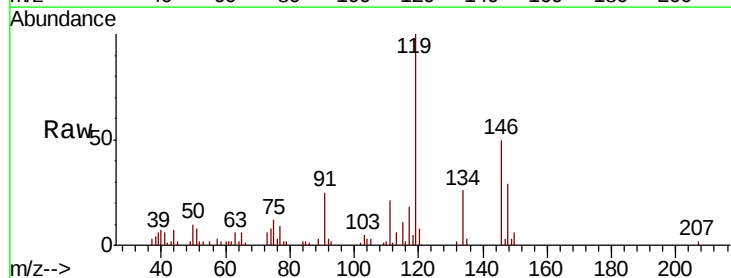
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

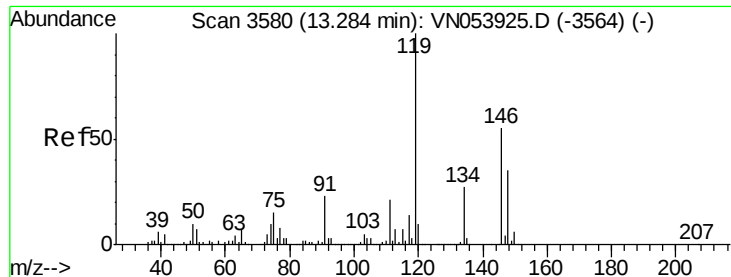
Tgt Ion:105 Resp: 26945
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.987 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Tgt Ion:119 Resp: 21722
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.4
 91 23.5 10.9 32.6

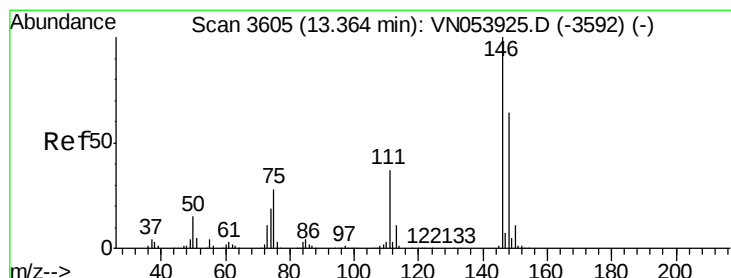
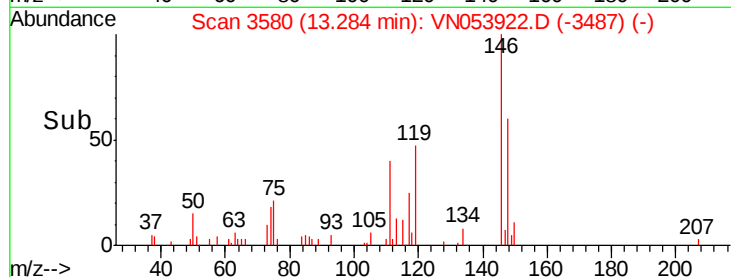
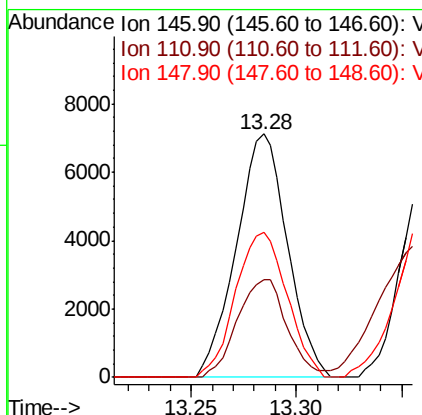
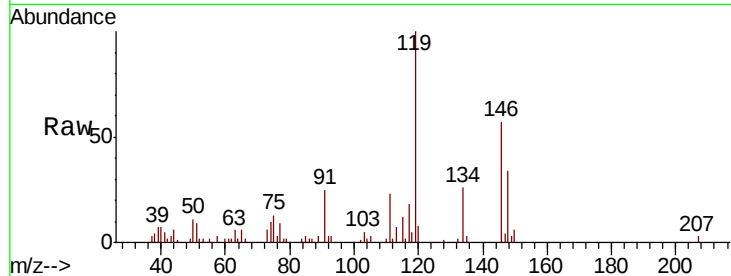




#87
 1,3-Dichlorobenzene
 Concen: 1.035 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

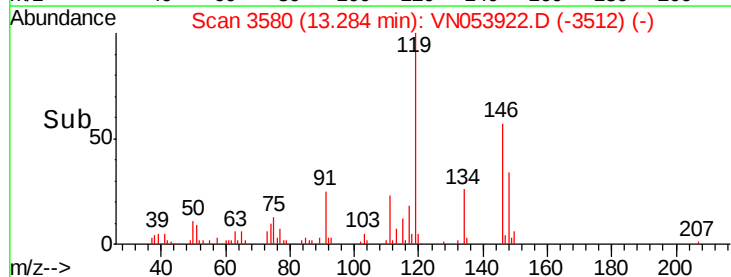
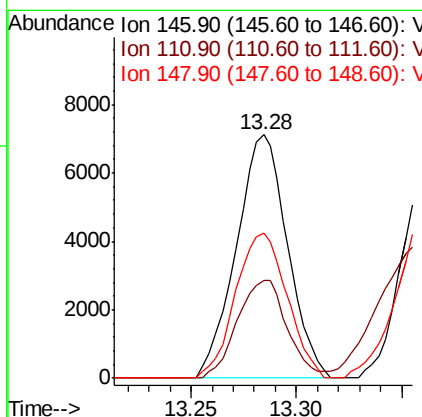
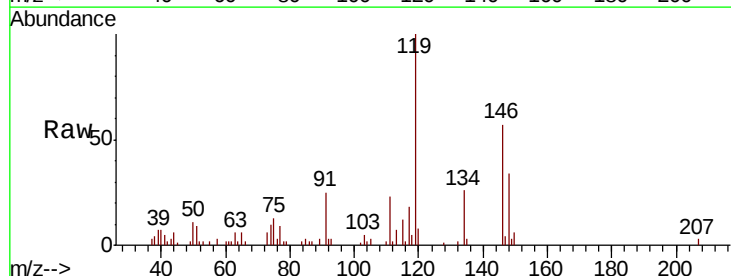
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

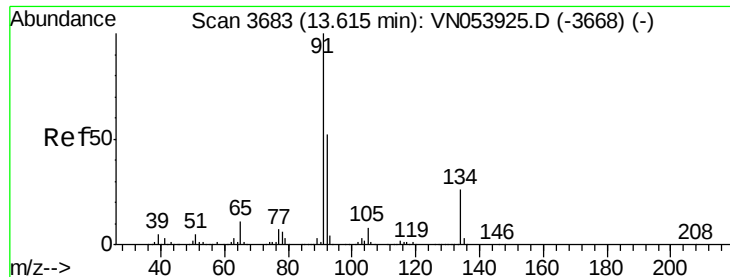
Tgt Ion:146 Resp: 11973
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.7 56.1
 148 60.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 1.067 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Tgt Ion:146 Resp: 11973
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.0 54.0
 148 60.2 32.1 96.5





#89

n-Butylbenzene

Concen: 0.914 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

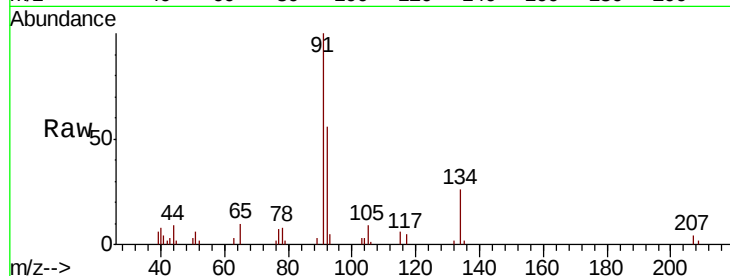
Tgt Ion: 91 Resp: 16963

Ion Ratio Lower Upper

91 100

92 54.5 26.1 78.2

134 26.1 13.6 40.8

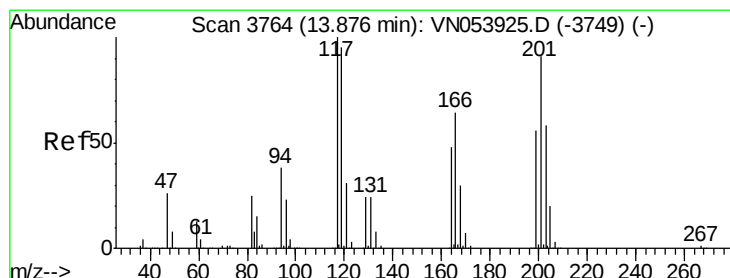
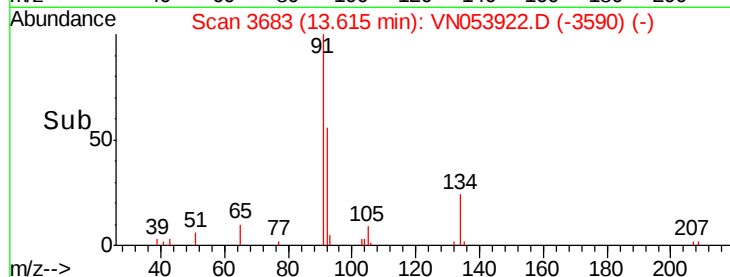
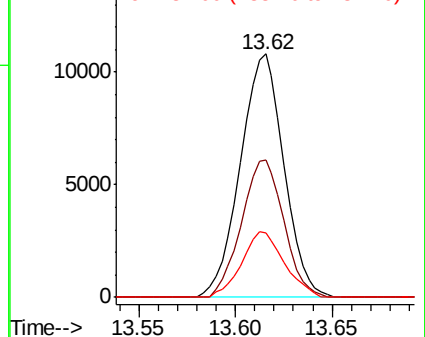


Abundance

Ion 91.00 (90.70 to 91.70): VN053922.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053922.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053922.D (-3668) (-)



#90

Hexachloroethane

Concen: 1.164 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053922.D

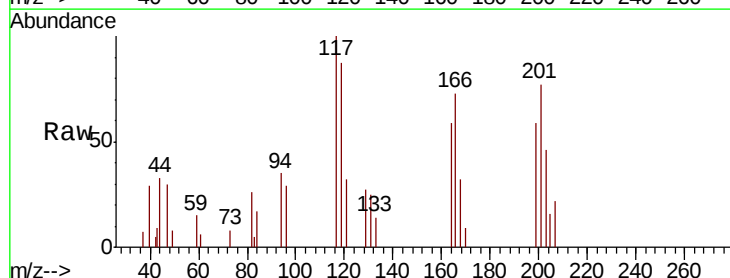
Acq: 25 Feb 2019 11:01

Tgt Ion: 117 Resp: 4967

Ion Ratio Lower Upper

117 100

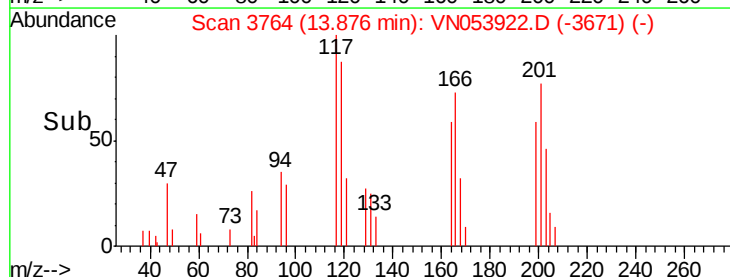
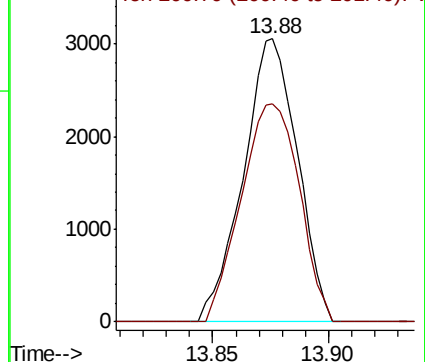
201 82.8 48.0 144.2

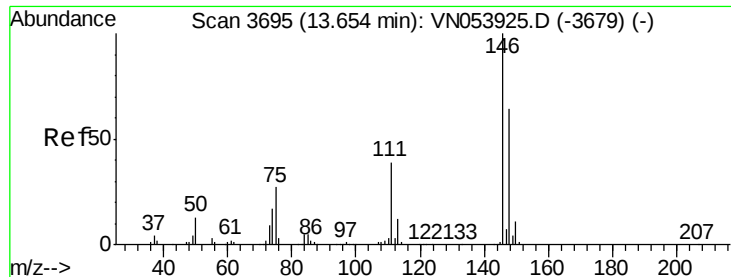


Abundance

Ion 116.80 (116.50 to 117.50): VN053922.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN053922.D (-3749) (-)

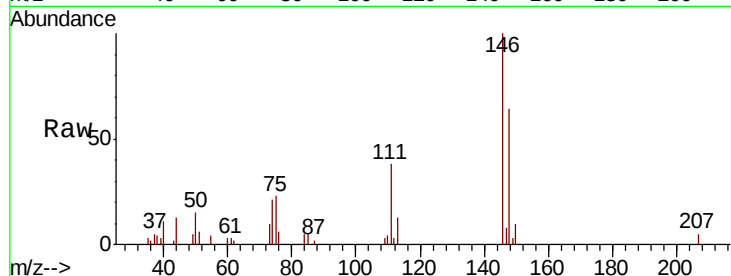




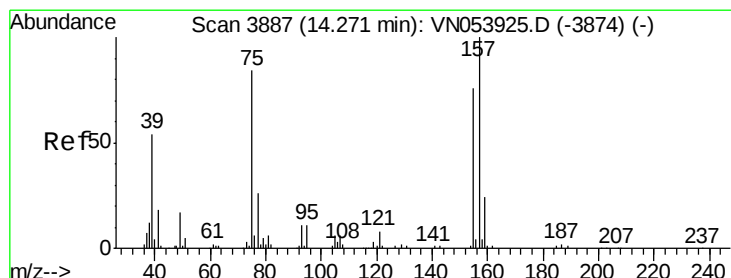
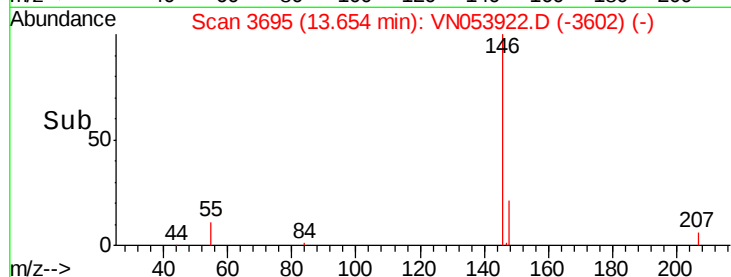
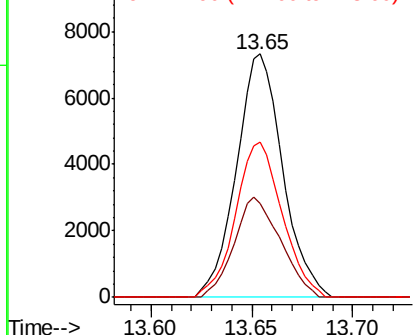
#91
 1,2-Dichlorobenzene
 Concen: 1.052 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 146 Resp: 11778
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.1 57.5
 148 64.1 32.1 96.5

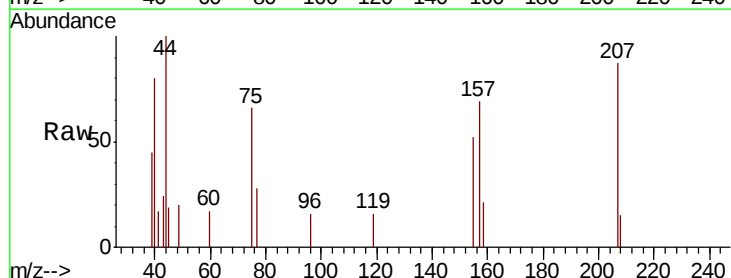


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

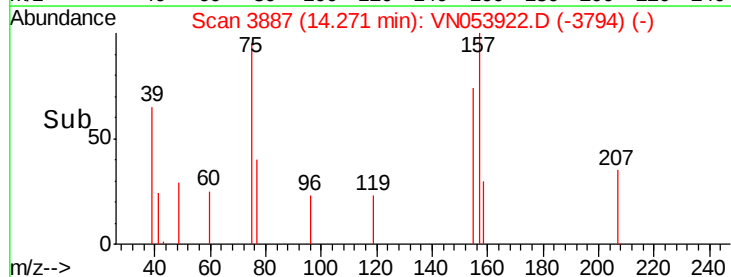
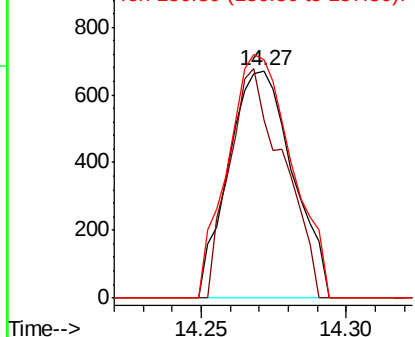


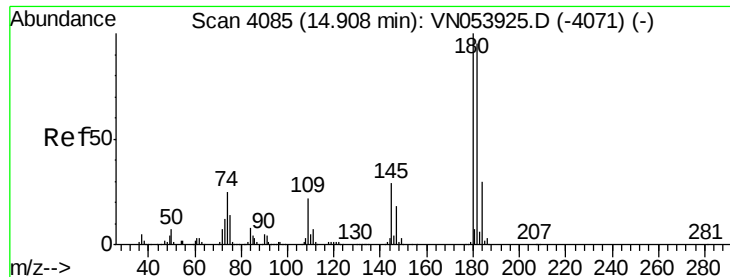
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.110 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Tgt Ion: 75 Resp: 1033
 Ion Ratio Lower Upper
 75 100
 155 85.0 49.5 148.5
 157 107.4 64.8 194.6



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

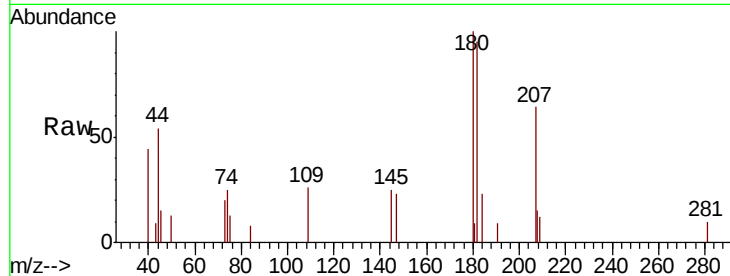




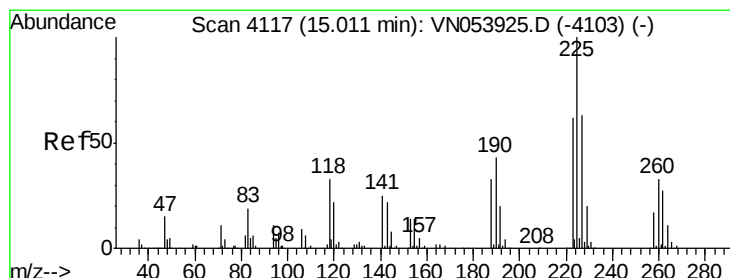
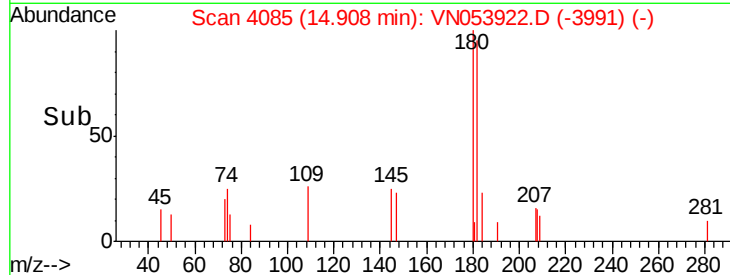
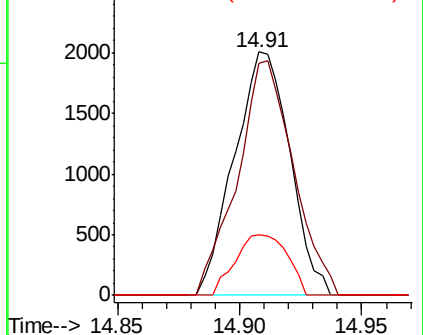
#93
 1,2,4-Trichlorobenzene
 Concen: 2.711 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tgt Ion:180 Resp: 3176
 Ion Ratio Lower Upper
 180 100
 182 96.9 48.6 145.9
 145 23.3 13.8 41.3

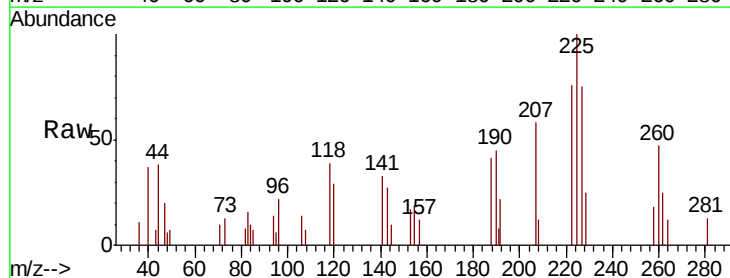


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

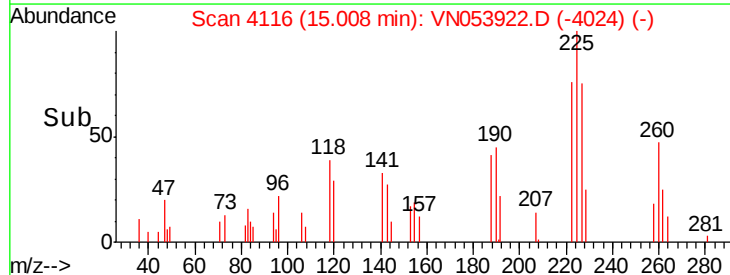
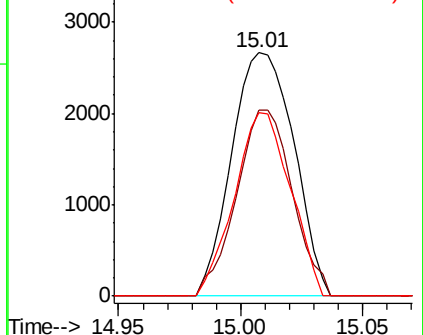


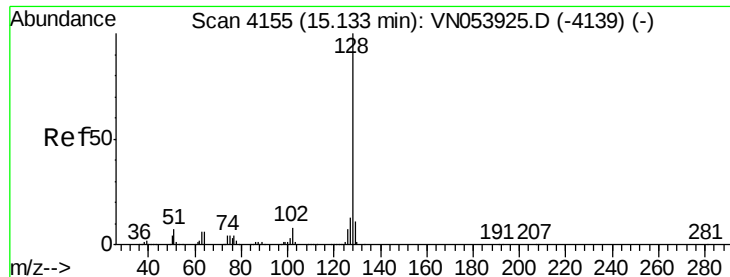
#94
 Hexachlorobutadiene
 Concen: 1.168 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN053922.D
 Acq: 25 Feb 2019 11:01

Tgt Ion:225 Resp: 4724
 Ion Ratio Lower Upper
 225 100
 223 68.6 30.9 92.5
 227 67.9 32.5 97.4



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





#95

Naphthalene

Concen: 3.630 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

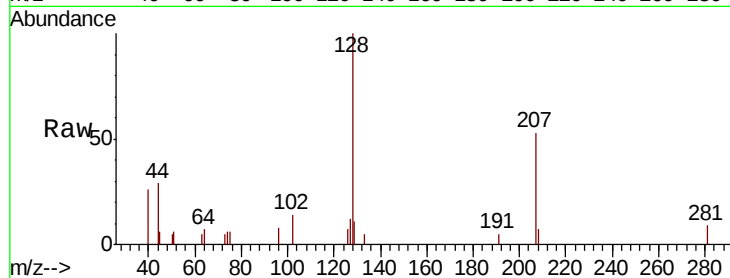
Tgt Ion:128 Resp: 5992

Ion Ratio Lower Upper

128 100

127 10.2 10.2 15.2

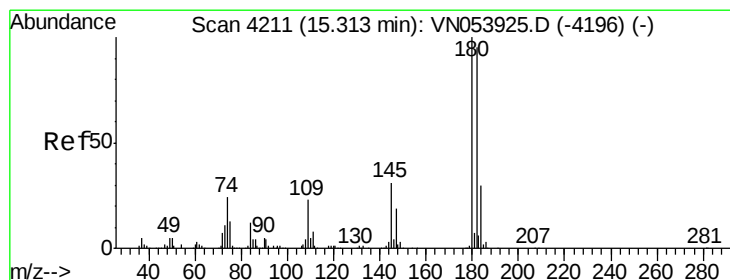
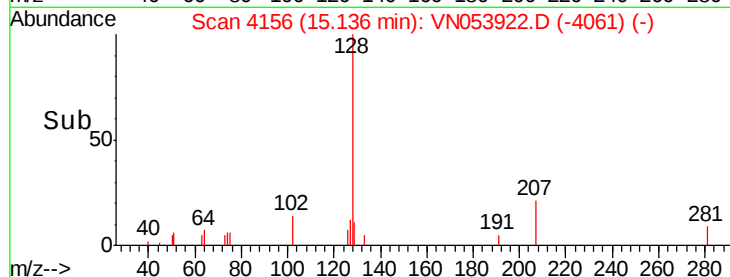
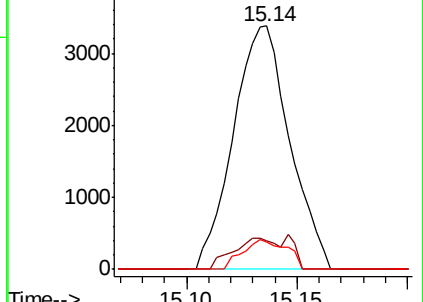
129 9.7 8.6 12.8



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: 2.150 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053922.D

Acq: 25 Feb 2019 11:01

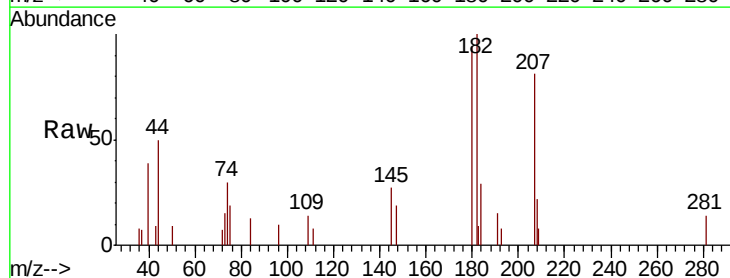
Tgt Ion:180 Resp: 3642

Ion Ratio Lower Upper

180 100

182 103.5 47.3 141.8

145 27.9 14.4 43.0



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

