

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049957.D
 Acq On : 20 Jul 2018 12:45
 Operator : MD\SY
 Sample : VN0720WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBL01

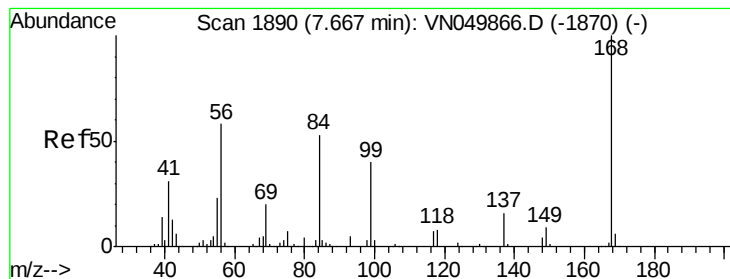
Quant Time: Jul 20 23:44:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	578496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	939155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	766226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	261871	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	405036	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
35) Dibromofluoromethane	7.59	113	364449	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	
50) Toluene-d8	10.09	98	1272161	44.29	ug/l	0.00
Spiked Amount			Recovery	=	88.58%	
62) 4-Bromofluorobenzene	12.40	95	324590	32.81	ug/l	0.00
Spiked Amount			Recovery	=	65.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	1806	Below Cal		96
13) Acrolein	3.61	56	206	0.56	ug/l #	62
16) Acetone	3.82	43	1512	0.73	ug/l #	74
17) Carbon Disulfide	4.04	76	7215	0.38	ug/l	96
18) Methyl Acetate	4.33	43	13545	1.29	ug/l	90
20) Methylene Chloride	4.55	84	3366	0.43	ug/l #	90
25) 2-Butanone	6.86	43	1155	0.39	ug/l #	47
29) Tetrahydrofuran	7.23	42	1187	0.64	ug/l #	48
31) Cyclohexane	7.67	56	11263	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	41185	3.94	ug/l #	48
38) Carbon Tetrachloride	7.67	117	52894	4.73	ug/l #	16
43) Isopropyl Acetate	8.33	43	145079	11.58	ug/l #	63
49) 1,4-Dioxane	9.20	88	126	1.41	ug/l #	8
56) Ethyl methacrylate	10.43	69	245	2.18	ug/l #	59
58) 2-Chloroethyl Vinyl ether	9.70	63	226	9.83	ug/l #	48
59) 2-Hexanone	10.76	43	1888	0.40	ug/l #	53
71) Bromoform	12.40	173	2720	0.51	ug/l #	1
74) N-amyl acetate	12.08	43	1262	0.21	ug/l #	59
76) 1,2,3-Trichloropropane	12.40	75	159944	32.56	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	159944	101.81	ug/l #	13
87) 1,3-Dichlorobenzene	13.29	146	2425	0.25	ug/l	72
88) 1,4-Dichlorobenzene	13.29	146	2425	0.25	ug/l	73
91) 1,2-Dichlorobenzene	13.65	146	2244	0.24	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	14.27	75	298	0.32	ug/l #	60
93) 1,2,4-Trichlorobenzene	14.91	180	3662	4.13	ug/l	91
94) Hexachlorobutadiene	15.00	225	2728	0.88	ug/l	84
95) Naphthalene	15.14	128	8978	5.15	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	4188	0.93	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

Instrument :

MSVOA_N

ClientSampled :

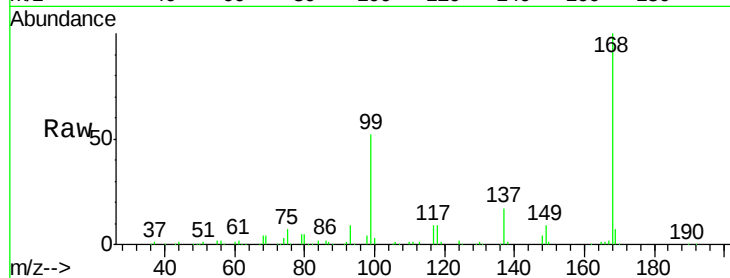
VN0720WBL01

Tot Ion:168 Resp: 578496

Ion Ratio Lower Upper

168 100

99 52.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

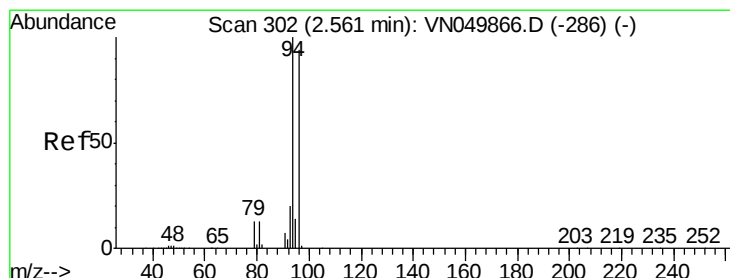
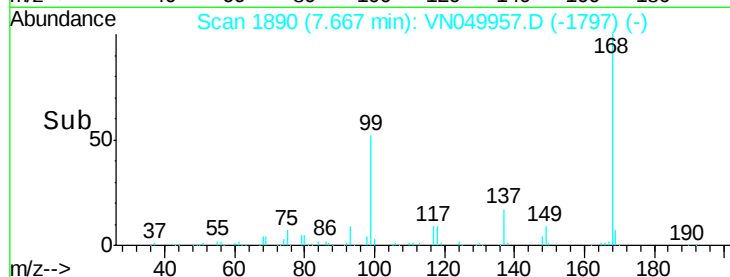
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN049957.D

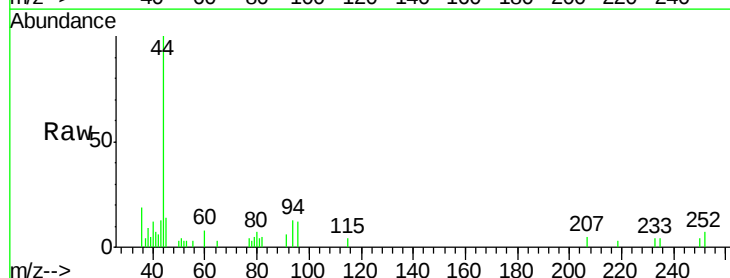
Acq: 20 Jul 2018 12:45

Tgt Ion: 94 Resp: 1806

Ion Ratio Lower Upper

94 100

96 90.9 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

800

600

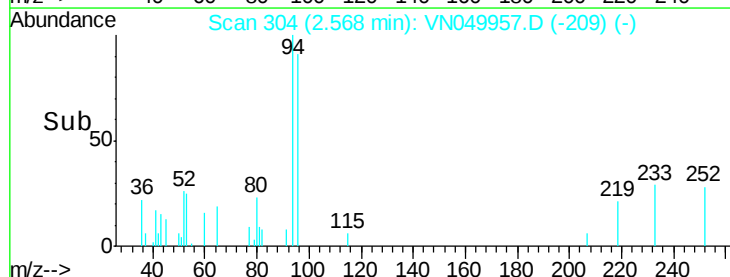
400

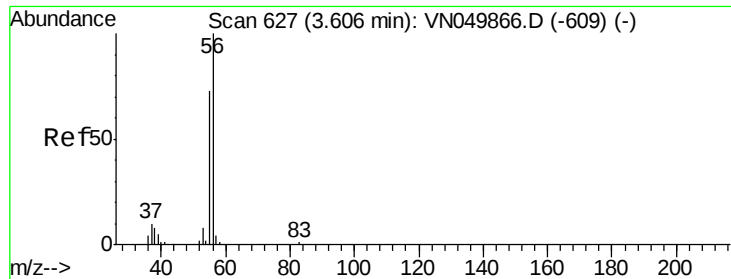
200

0

Time-->

2.55 2.60 2.65





#13

Acrolein

Concen: 0.56 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

Instrument :

MSVOA_N

ClientSampleId :

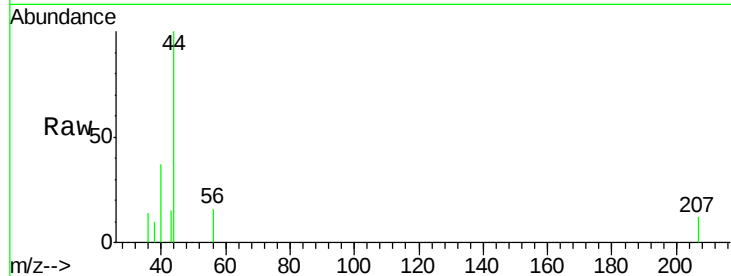
VN0720WBL01

Tot Ion: 56 Resp: 206

Ion Ratio Lower Upper

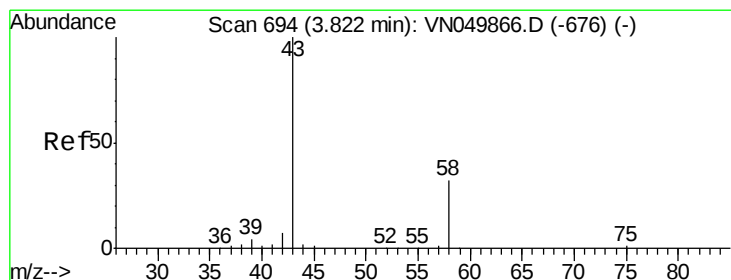
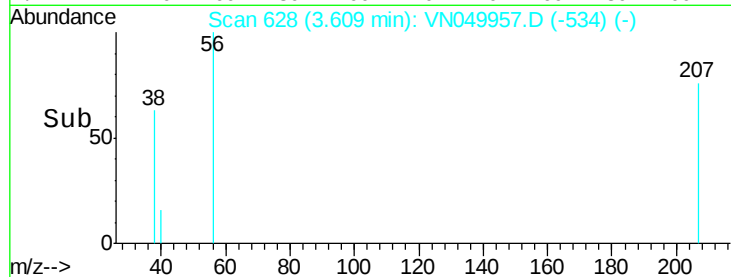
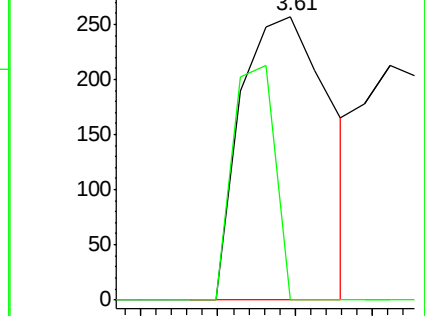
56 100

55 38.8 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 0.73 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049957.D

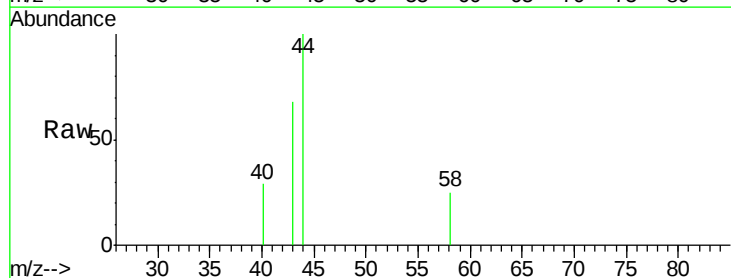
Acq: 20 Jul 2018 12:45

Tgt Ion: 43 Resp: 1512

Ion Ratio Lower Upper

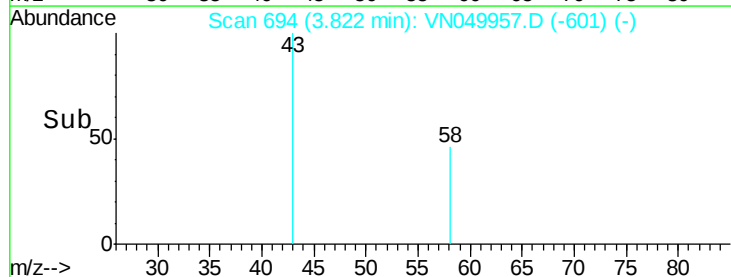
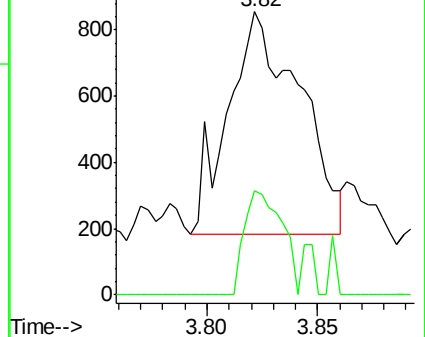
43 100

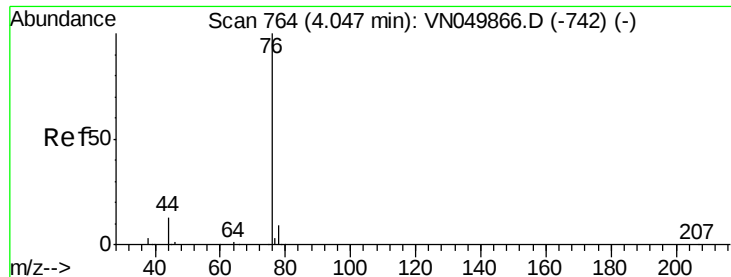
58 47.0 25.9 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

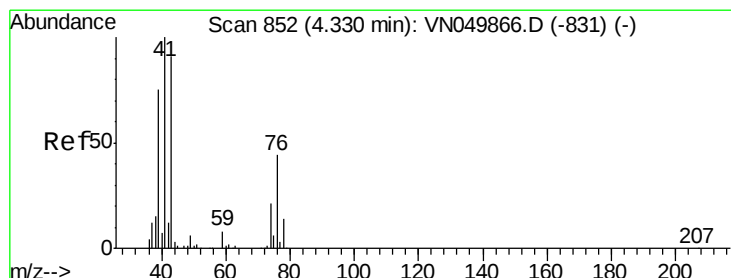
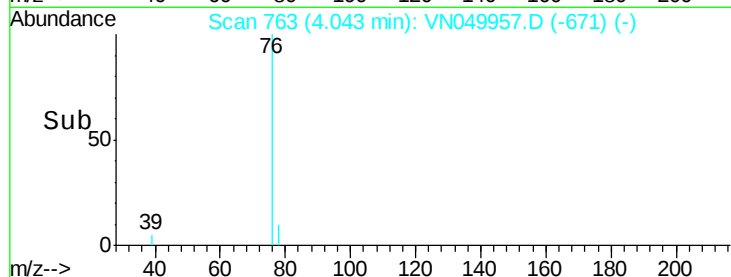
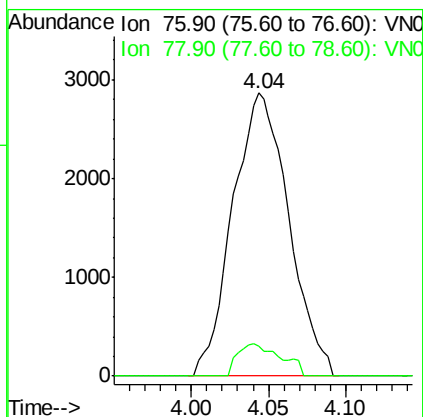
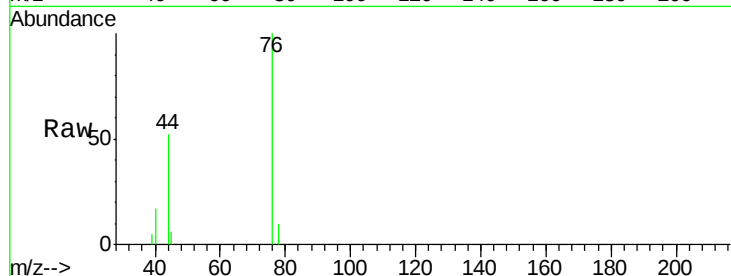




#17
Carbon Disulfide
Concen: 0.38 ug/l
RT: 4.04 min Scan# 763
Delta R.T. -0.00 min
Lab File: VN049957.D
Acq: 20 Jul 2018 12:45

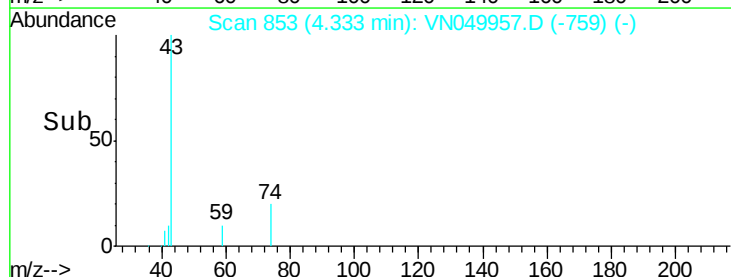
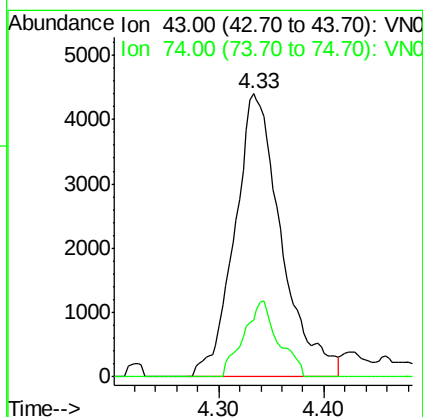
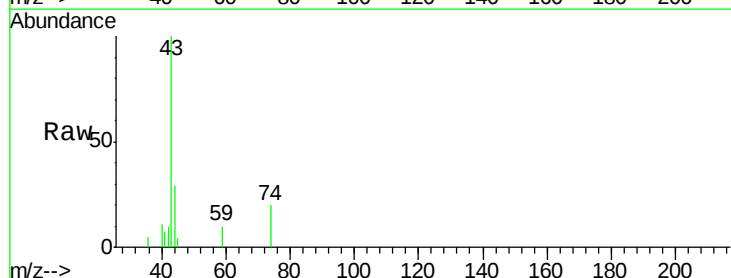
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBL01

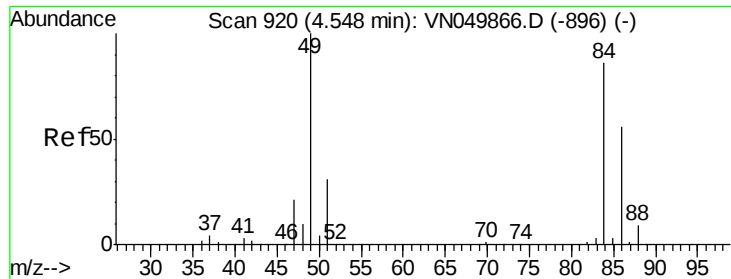
Tot Ion: 76 Resp: 7215
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7



#18
Methyl Acetate
Concen: 1.29 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049957.D
Acq: 20 Jul 2018 12:45

Tgt Ion: 43 Resp: 13545
Ion Ratio Lower Upper
43 100
74 19.9 19.8 29.8

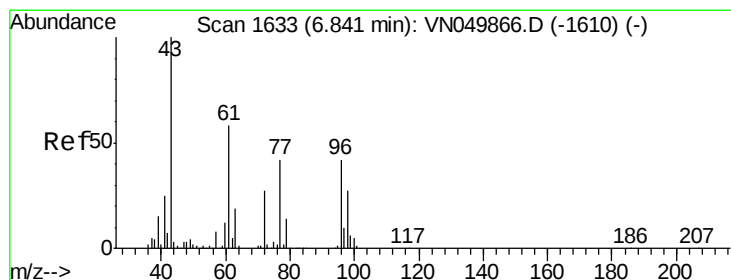
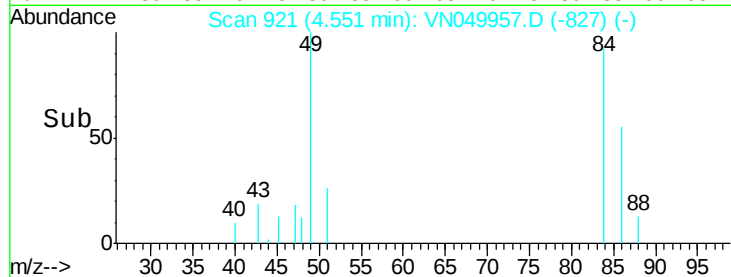
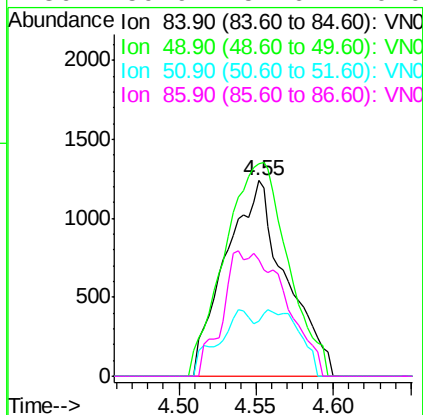
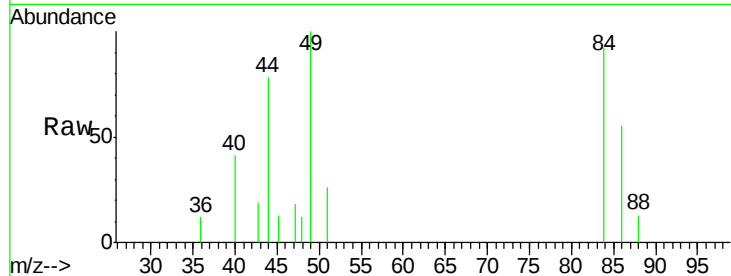




#20
Methvlene Chloride
Concen: 0.43 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049957.D
Acq: 20 Jul 2018 12:45

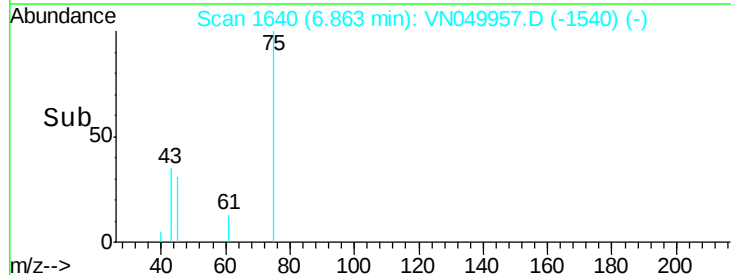
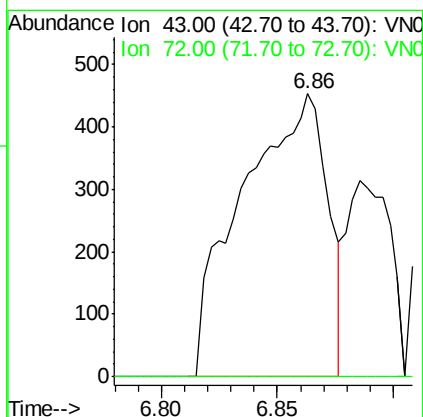
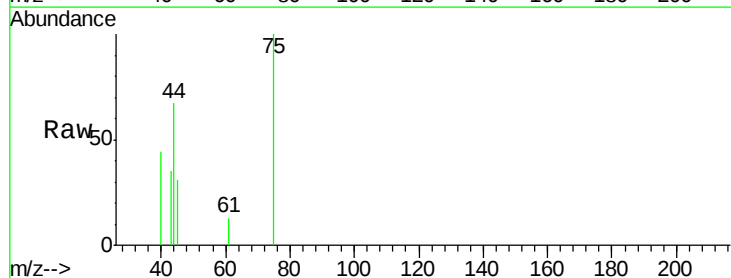
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBL01

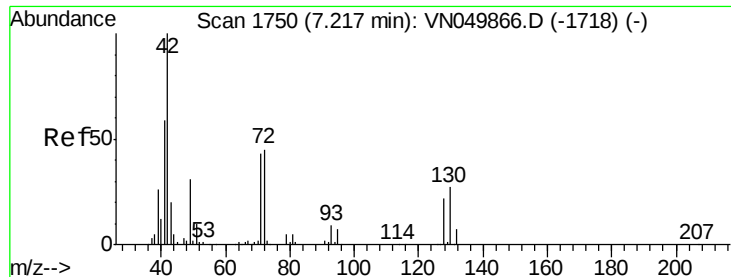
Tot Ion: 84 Resp: 3366
Ion Ratio Lower Upper
84 100
49 108.6 95.4 143.2
51 27.9 28.4 42.6#
86 59.9 52.6 79.0



#25
2-Butanone
Concen: 0.39 ug/l
RT: 6.86 min Scan# 1640
Delta R.T. 0.02 min
Lab File: VN049957.D
Acq: 20 Jul 2018 12:45

Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
72 0.0 22.1 33.1#





#29

Tetrahydrofuran

Concen: 0.64 ug/l

RT: 7.23 min Scan# 1755

Delta R.T. 0.02 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBL01

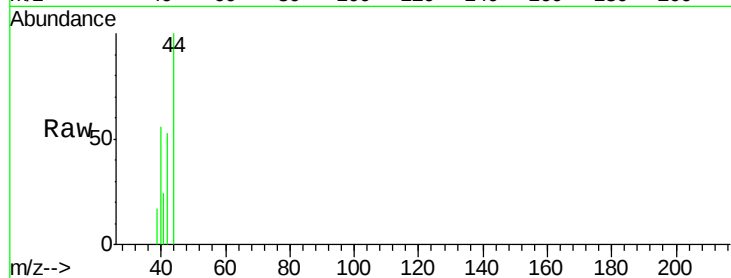
Tot Ion: 42 Resp: 1187

Ion Ratio Lower Upper

42 100

72 11.2 35.6 53.4#

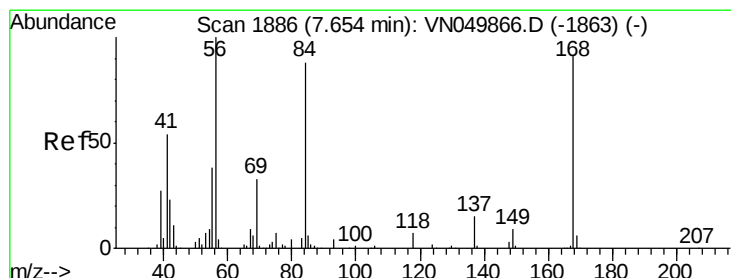
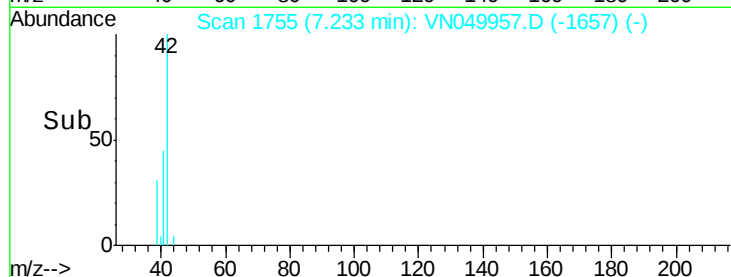
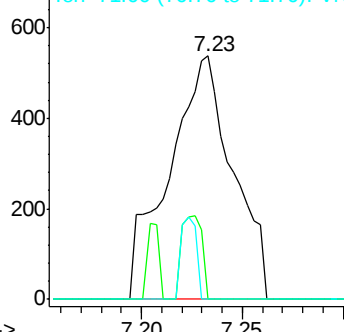
71 8.3 34.0 51.0#



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



#31

Cyclohexane

Concen: 1.06 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

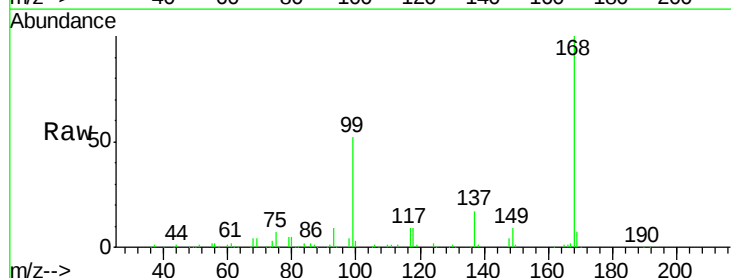
Tgt Ion: 56 Resp: 11263

Ion Ratio Lower Upper

56 100

69 189.9 26.6 40.0#

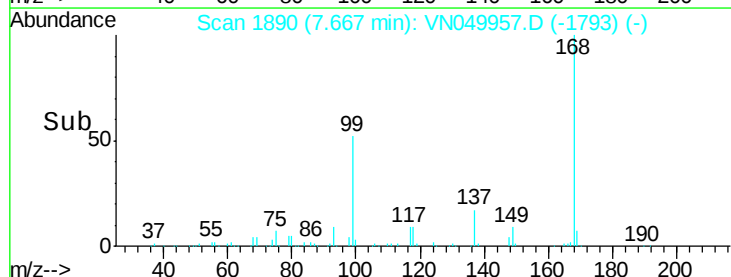
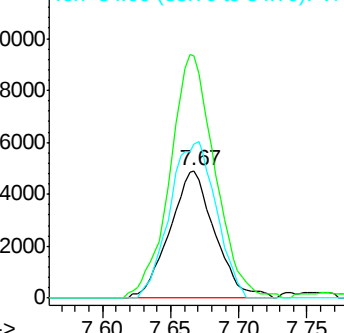
84 120.8 69.0 103.6#

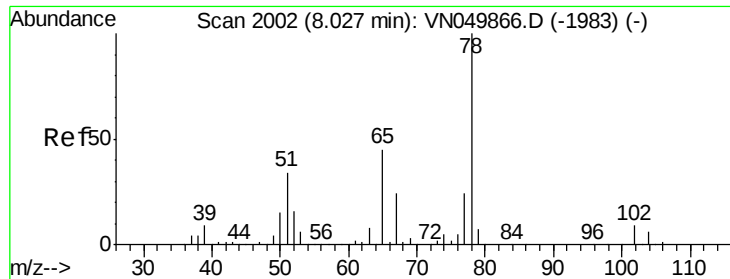


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

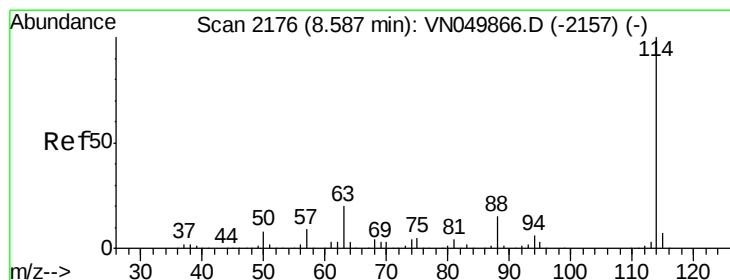
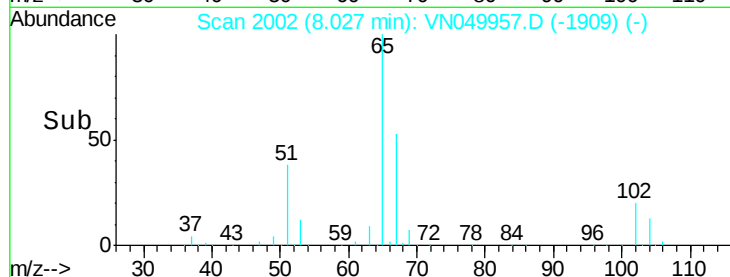
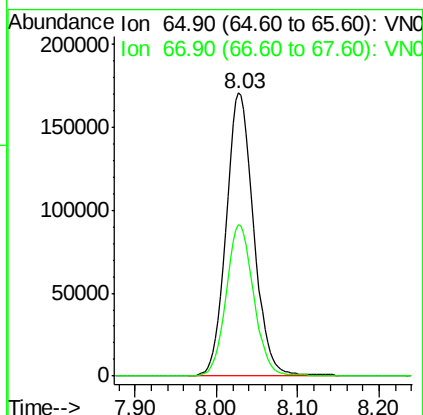
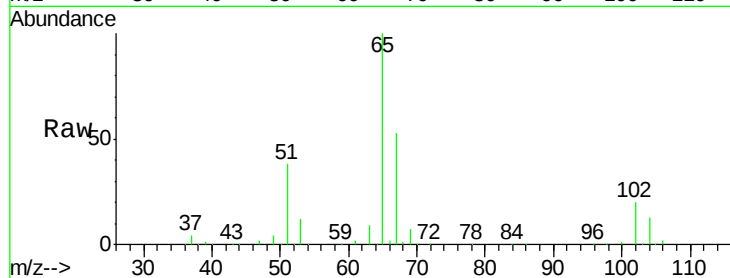




#33
 1,2-Dichloroethane-d4
 Concen: 50.94 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049957.D
 Acq: 20 Jul 2018 12:45

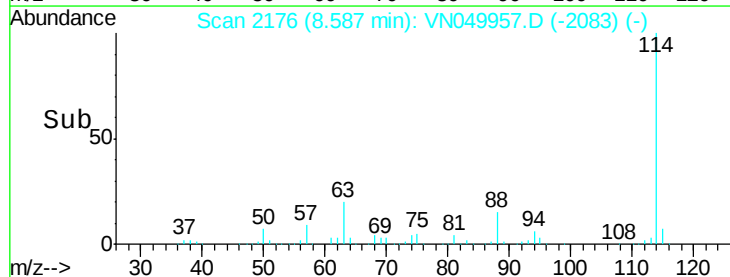
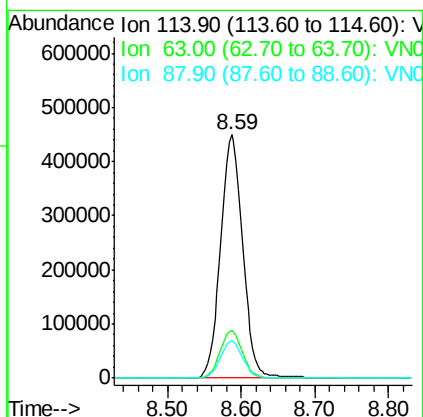
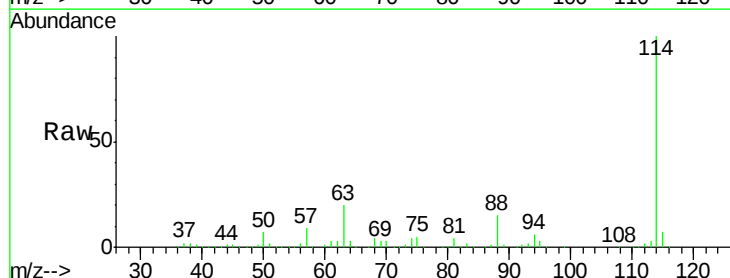
Instrument :
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 VN0720WBL01

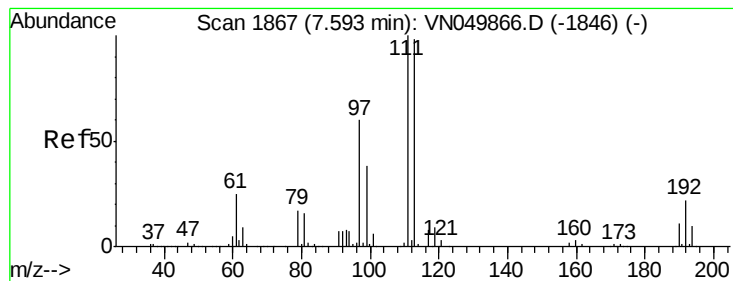
Tot Ion: 65 Resp: 405036
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049957.D
 Acq: 20 Jul 2018 12:45

Tgt Ion: 114 Resp: 939155
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.22 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBL01

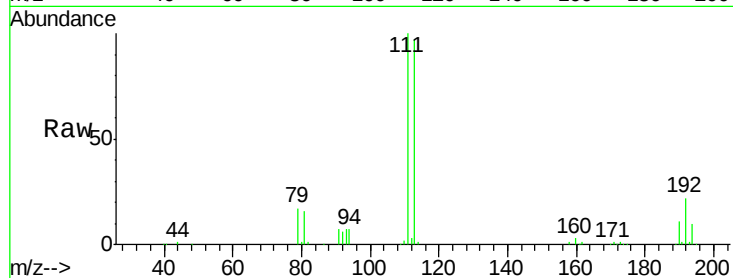
Tot Ion:113 Resp: 364449

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

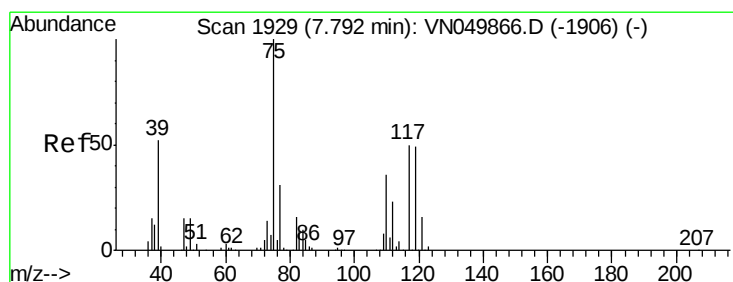
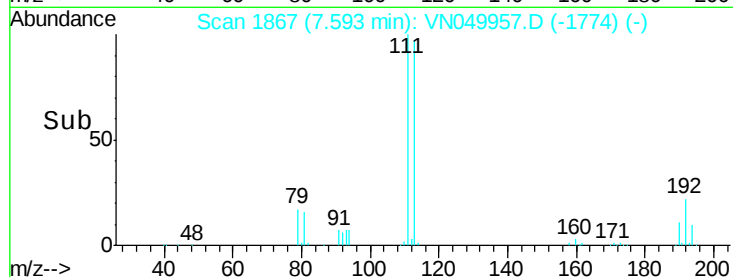
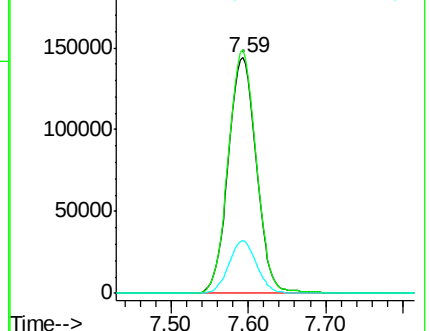
192 22.0 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.94 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.13 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

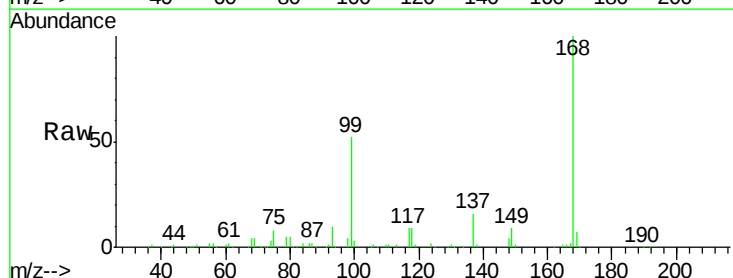
Tgt Ion: 75 Resp: 41185

Ion Ratio Lower Upper

75 100

110 7.7 18.1 54.4#

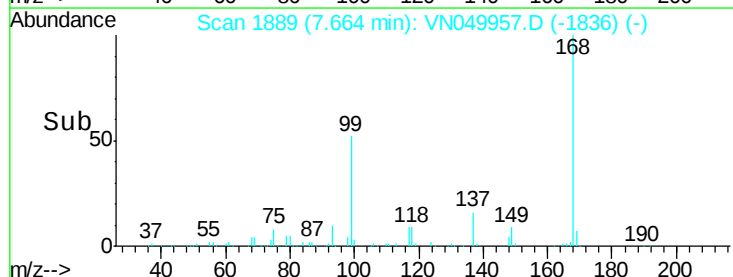
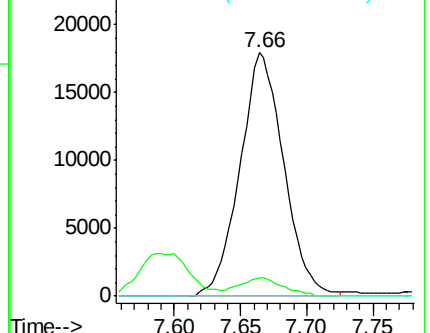
77 0.0 24.9 37.3#

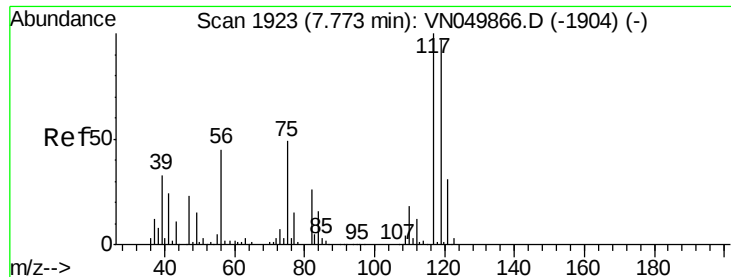


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 4.73 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

Instrument :

MSVOA_N

ClientSampled :

VN0720WBL01

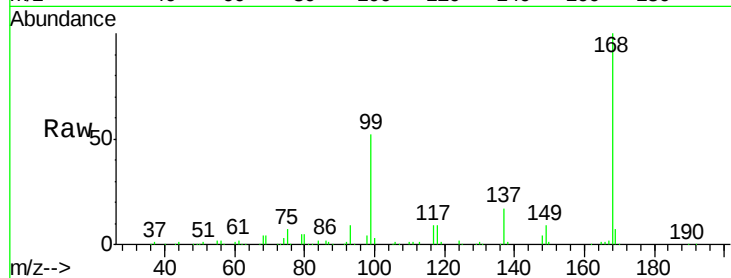
Tot Ion:117 Resp: 52894

Ion Ratio Lower Upper

117 100

119 5.4 77.2 115.8#

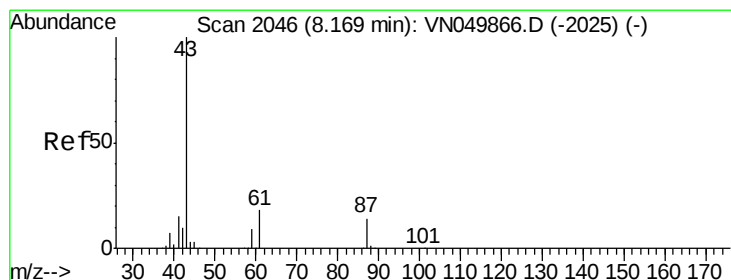
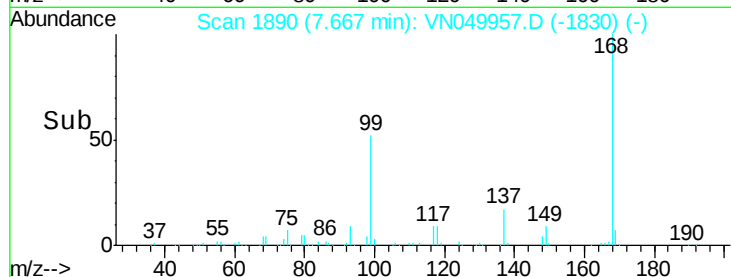
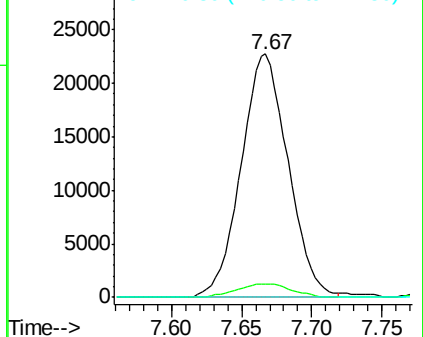
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 11.58 ug/l

RT: 8.33 min Scan# 2097

Delta R.T. 0.16 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

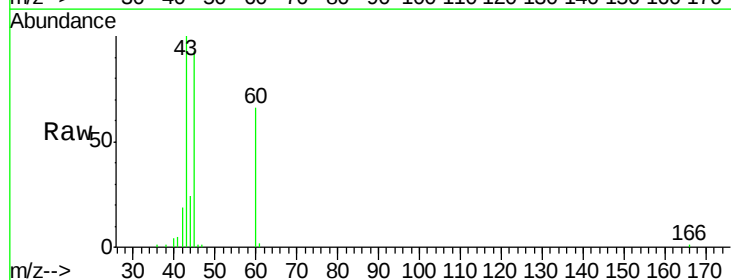
Tgt Ion: 43 Resp: 145079

Ion Ratio Lower Upper

43 100

61 0.2 14.9 22.3#

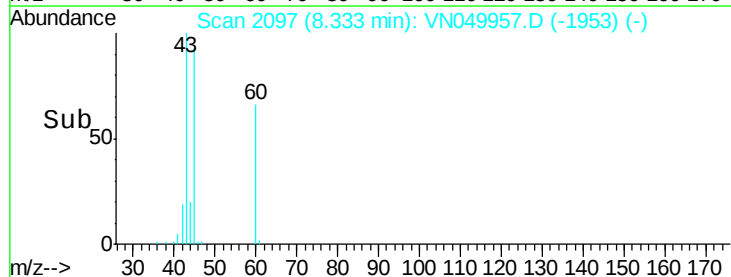
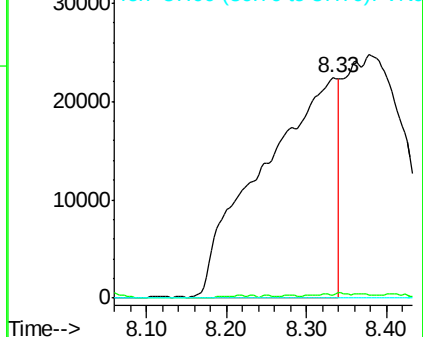
87 0.0 10.0 15.0#

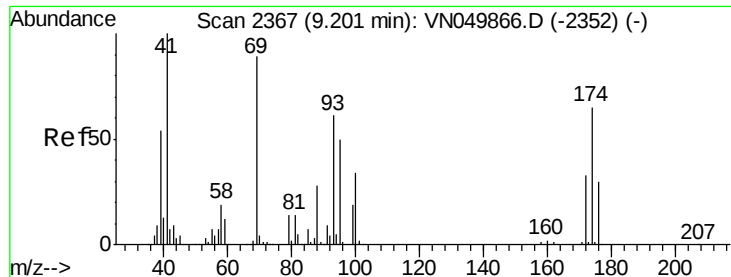


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

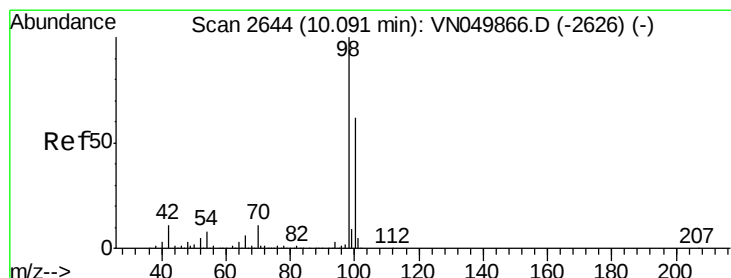
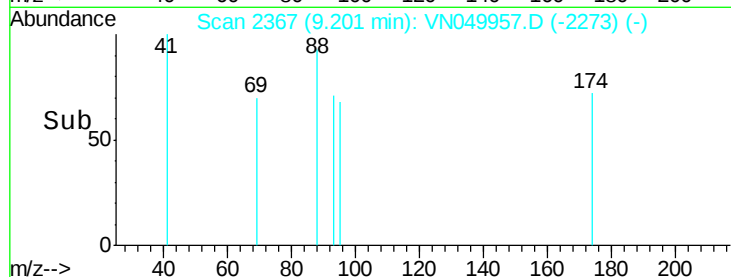
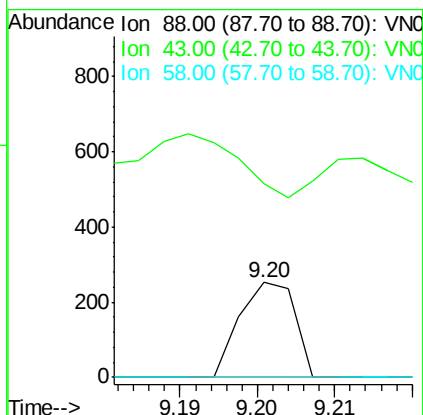
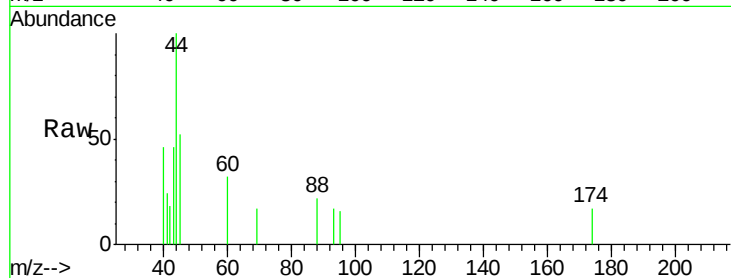




#49
1,4-Dioxane
Concen: 1.41 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049957.D
Acq: 20 Jul 2018 12:45

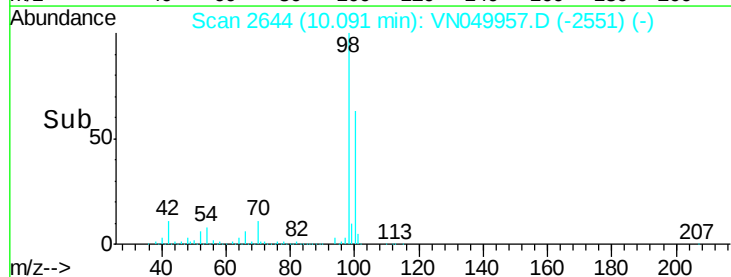
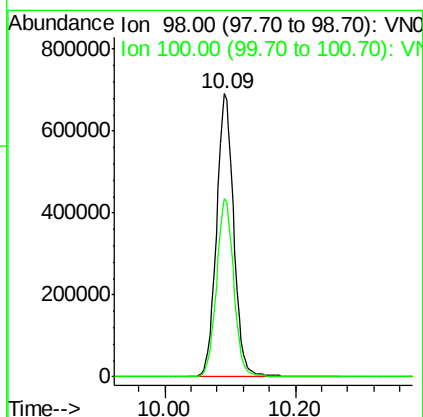
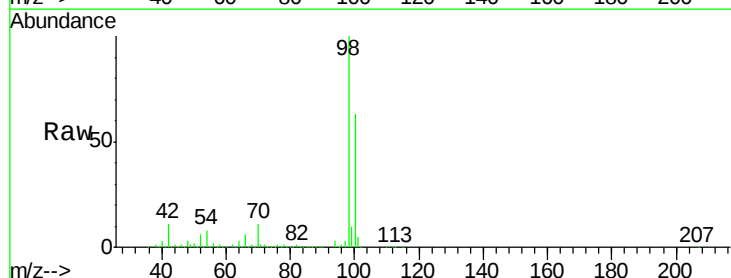
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBL01

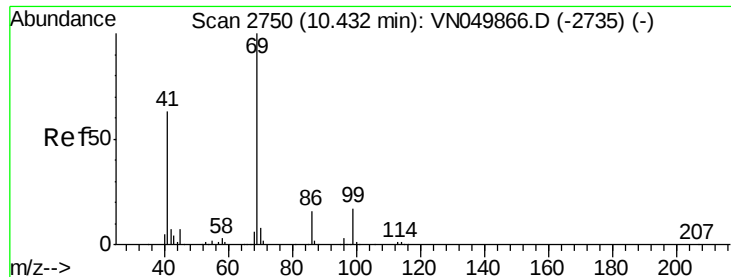
Tot Ion: 88 Resp: 126
Ion Ratio Lower Upper
88 100
43 93.7 25.1 37.7#
58 0.0 52.5 78.7#



#50
Toluene-d8
Concen: 44.29 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049957.D
Acq: 20 Jul 2018 12:45

Tgt Ion: 98 Resp: 1272161
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5





#56

Ethyl methacrylate

Concen: 2.18 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

Instrument :

MSVOA_N

ClientSampled :

VN0720WBL01

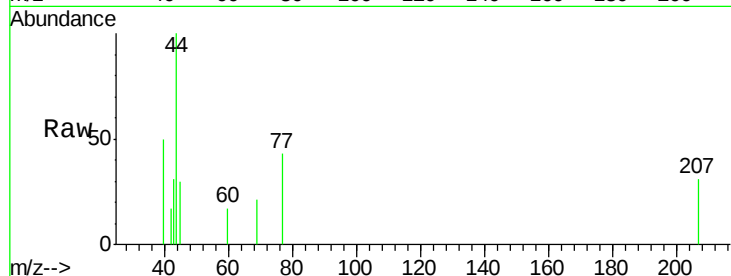
Tot Ion: 69 Resp: 245

Ion Ratio Lower Upper

69 100

41 38.8 51.6 77.4#

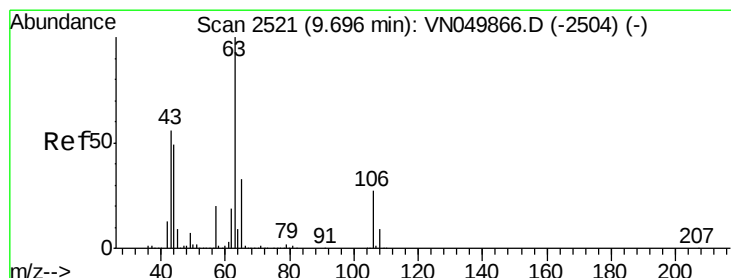
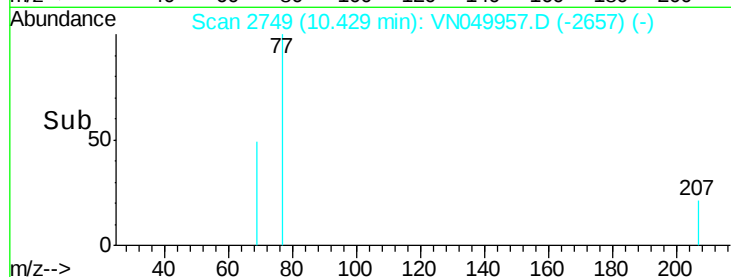
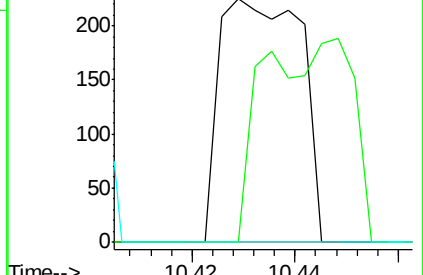
39 0.0 25.8 38.8#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 9.83 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049957.D

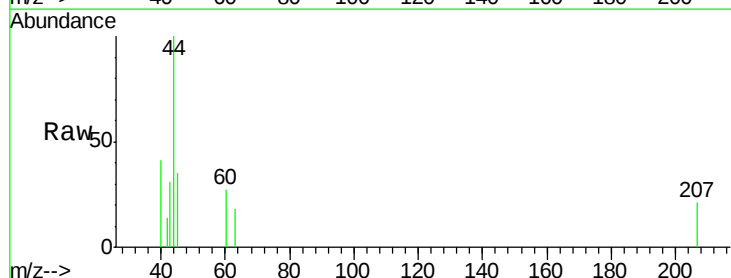
Acq: 20 Jul 2018 12:45

Tgt Ion: 63 Resp: 226

Ion Ratio Lower Upper

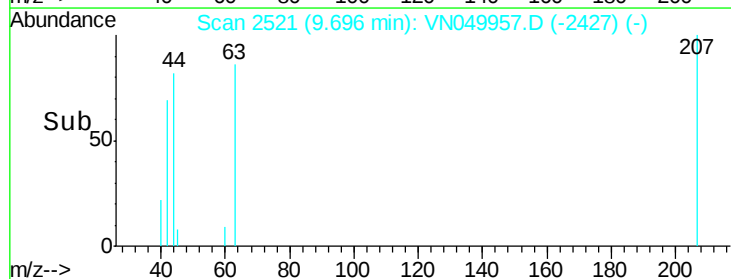
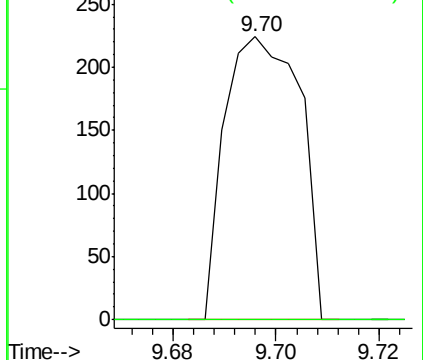
63 100

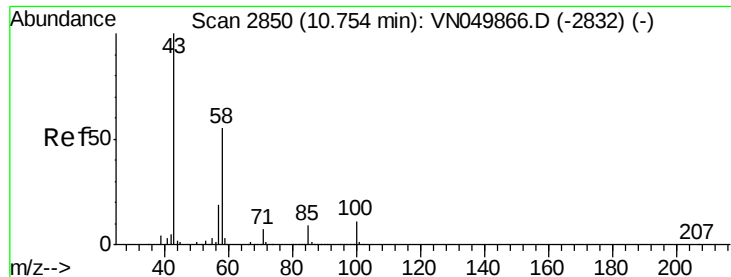
106 0.0 21.8 32.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

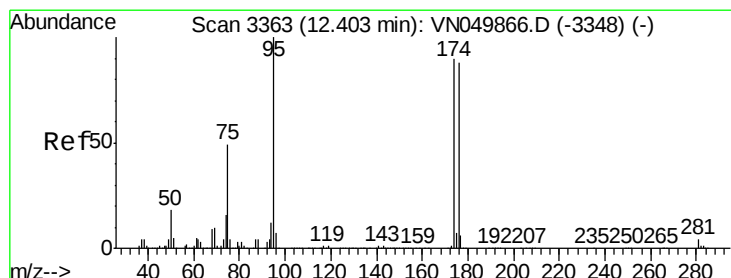
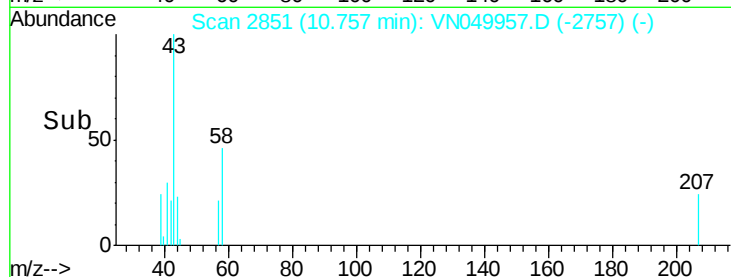
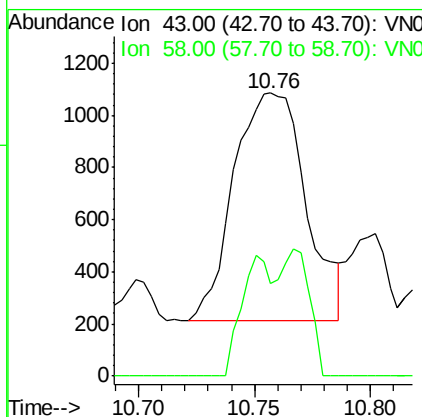
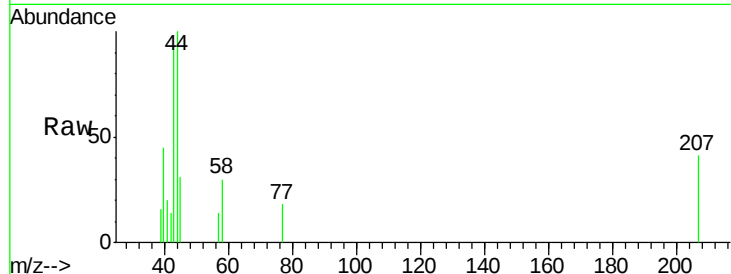




#59
2-Hexanone
Concen: 0.40 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN049957.D
Acq: 20 Jul 2018 12:45

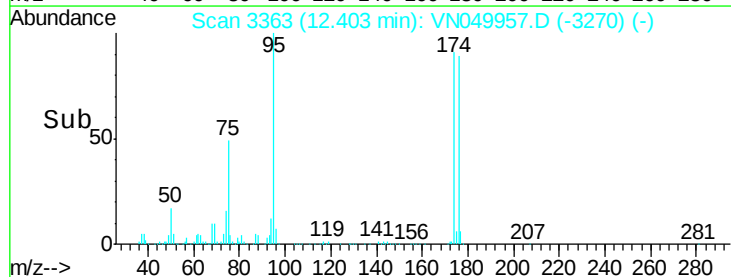
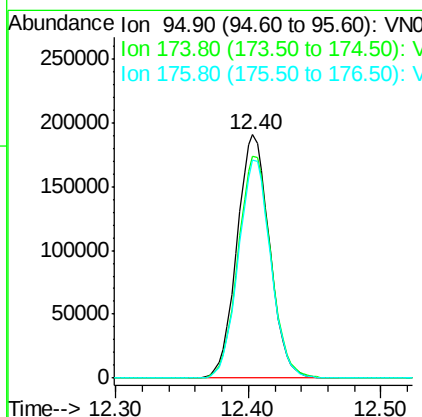
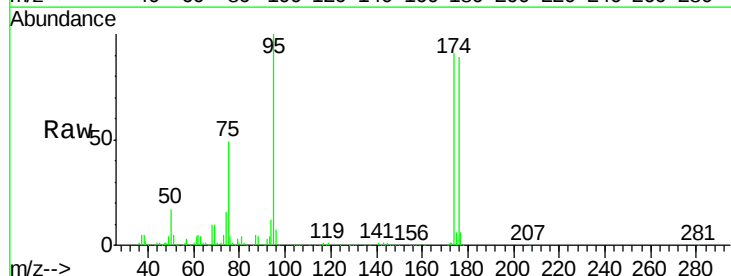
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBL01

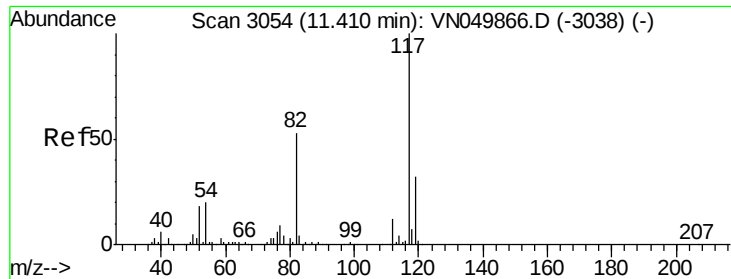
Tot Ion: 43 Resp: 1888
Ion Ratio Lower Upper
43 100
58 21.1 27.8 83.4#



#62
4-Bromofluorobenzene
Concen: 32.81 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049957.D
Acq: 20 Jul 2018 12:45

Tgt Ion: 95 Resp: 324590
Ion Ratio Lower Upper
95 100
174 92.2 0.0 179.6
176 89.1 0.0 174.0

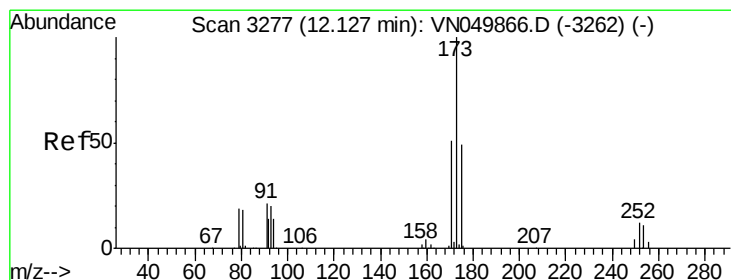
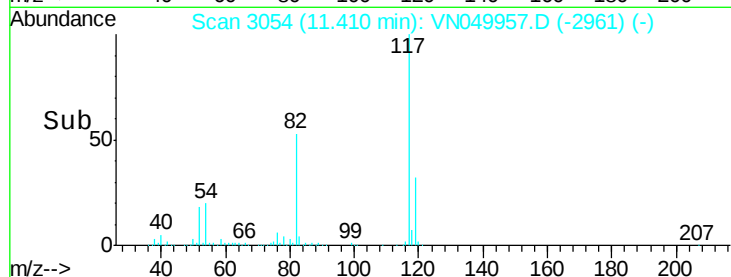
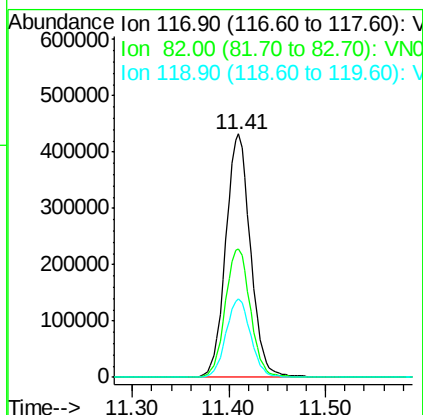
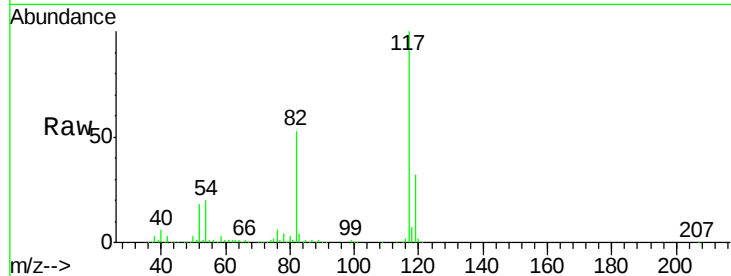




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049957.D
Acq: 20 Jul 2018 12:45

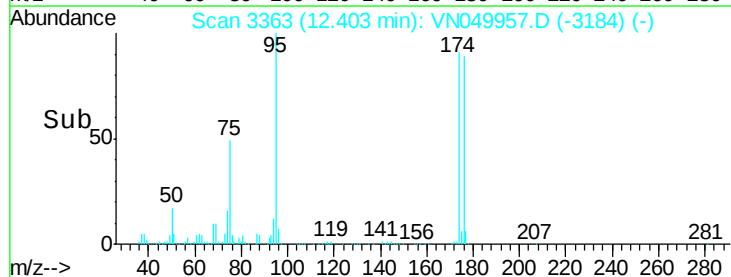
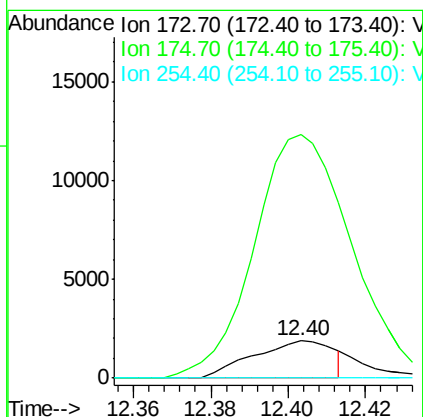
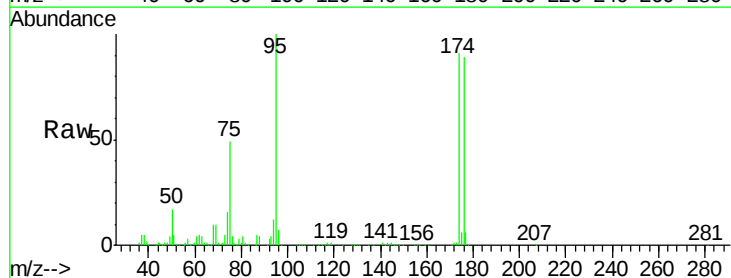
Instrument :
MSVOA_N
ClientSampleId :
VN0720WBL01

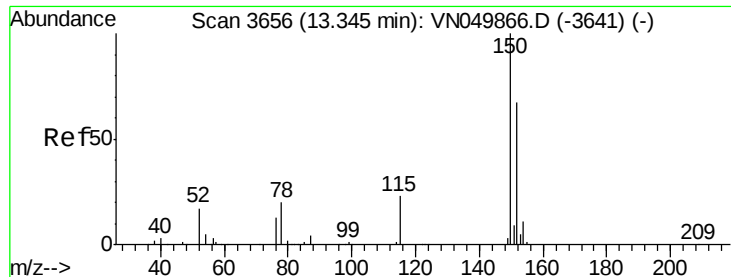
Tot Ion:117 Resp: 766226
Ion Ratio Lower Upper
117 100
82 52.9 41.9 62.9
119 32.0 25.4 38.2



#71
Bromoform
Concen: 0.51 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049957.D
Acq: 20 Jul 2018 12:45

Tgt Ion:173 Resp: 2720
Ion Ratio Lower Upper
173 100
175 642.0 24.6 73.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBL01

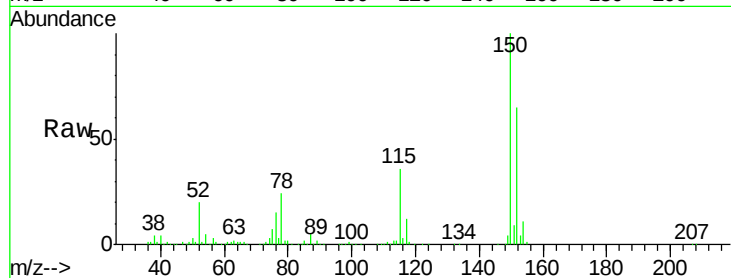
Tot Ion:152 Resp: 261871

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.2

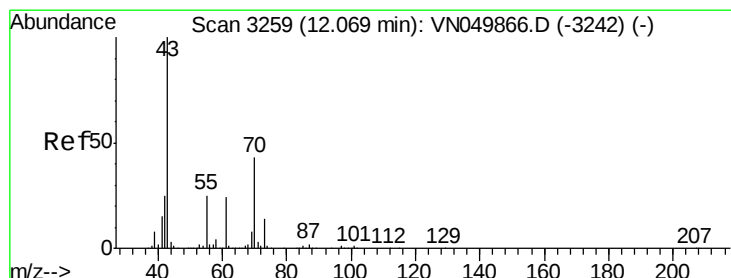
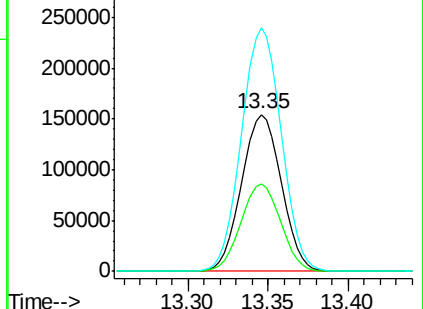
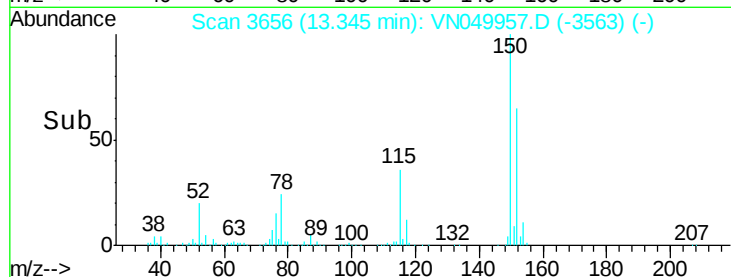
150 155.6 0.0 347.6



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



#74

N-ethyl acetate

Concen: 0.21 ug/l

RT: 12.08 min Scan# 3262

Delta R.T. 0.01 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

Tgt Ion: 43 Resp: 1262

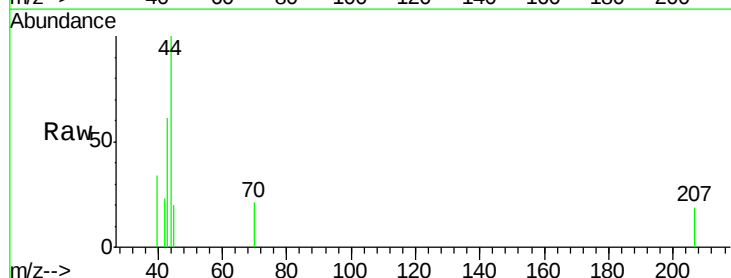
Ion Ratio Lower Upper

43 100

70 15.4 34.8 52.2#

55 7.4 20.9 31.3#

61 5.1 19.9 29.9#

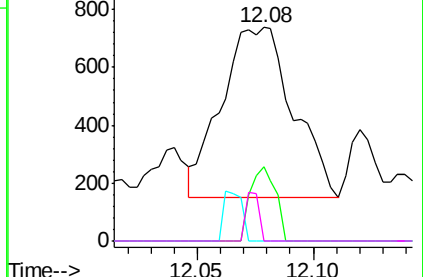
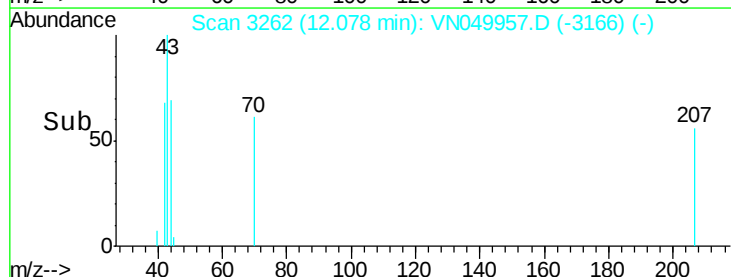


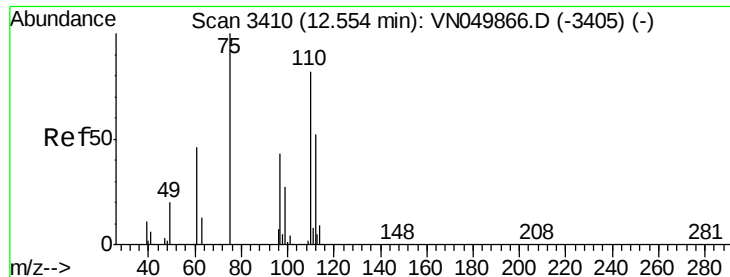
Abundance Ion 43.00 (42.70 to 43.70): V

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





#76

1,2,3-Trichloropropane

Concen: 32.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

Instrument :

MSVOA_N

ClientSampleId :

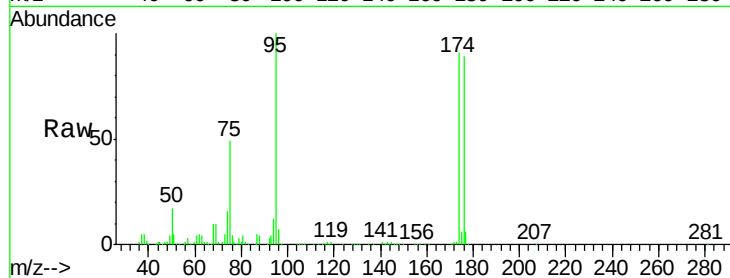
VN0720WBL01

Tot Ion: 75 Resp: 159944

Ion Ratio Lower Upper

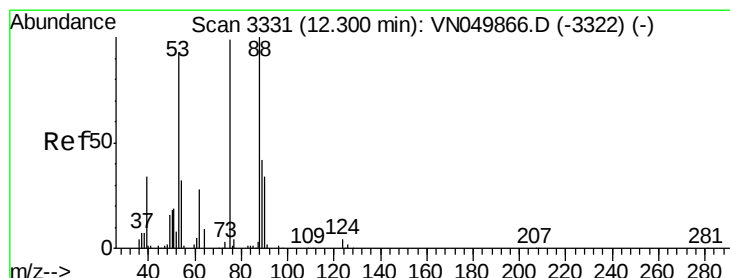
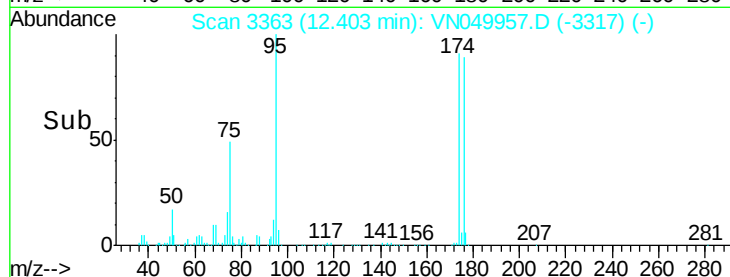
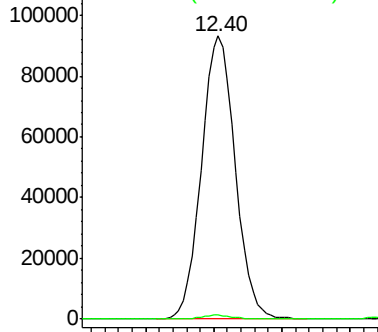
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 101.81 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

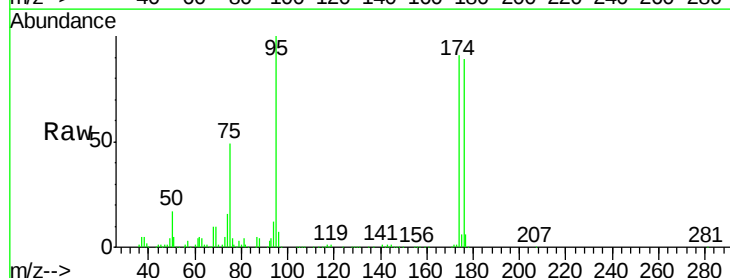
Tgt Ion: 75 Resp: 159944

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

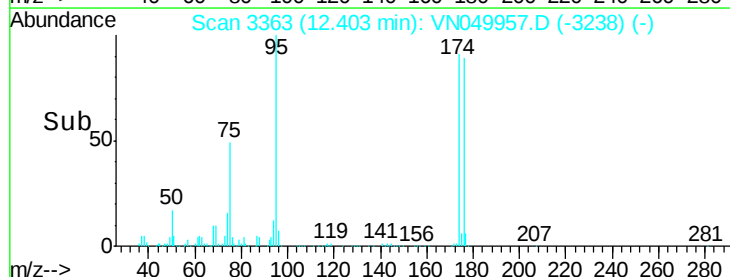
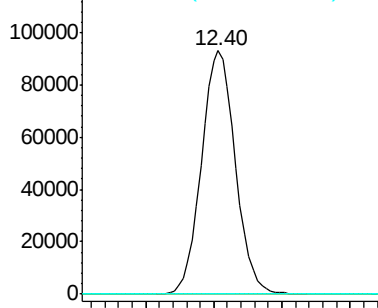
89 0.0 35.9 53.9#

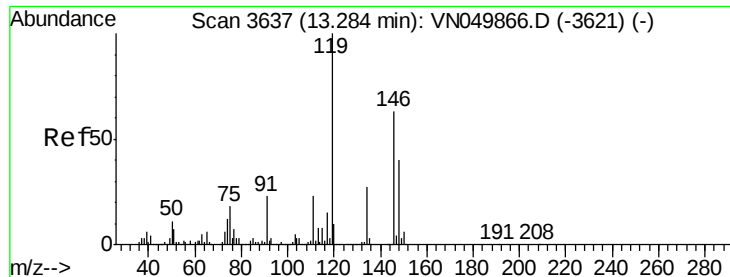


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

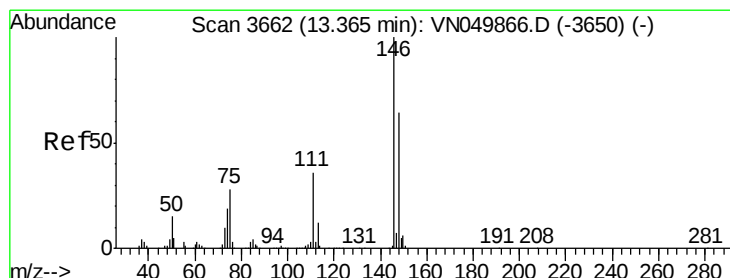
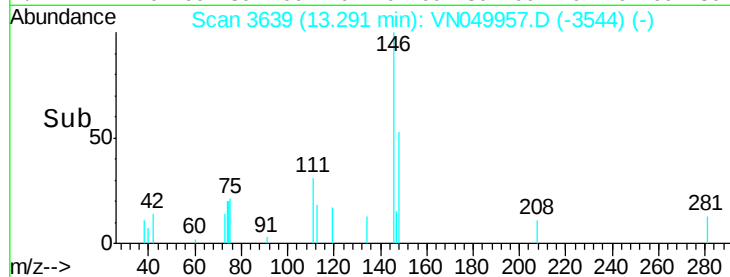
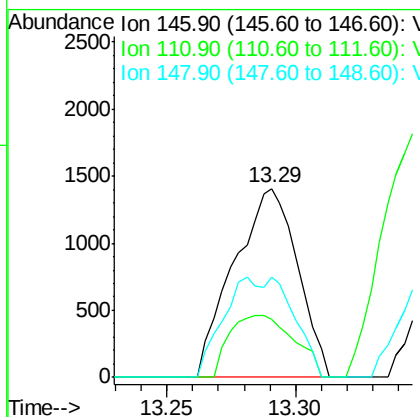
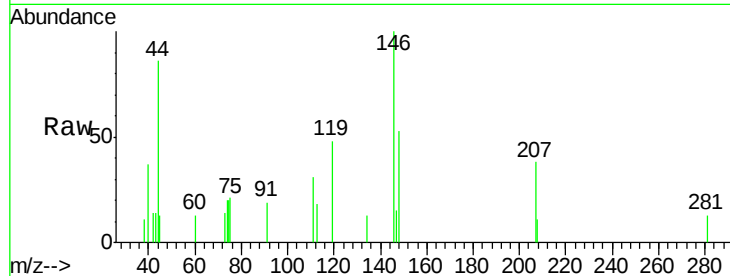




#87
 1,3-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.01 min
 Lab File: VN049957.D
 Acq: 20 Jul 2018 12:45

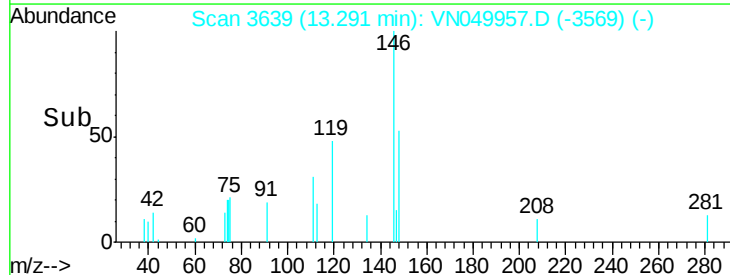
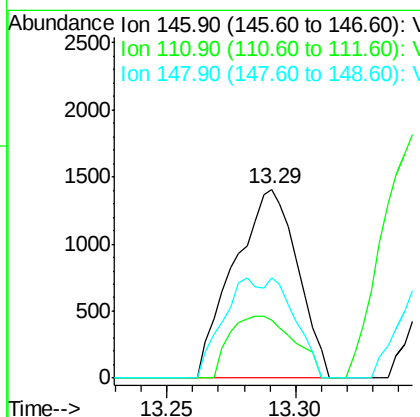
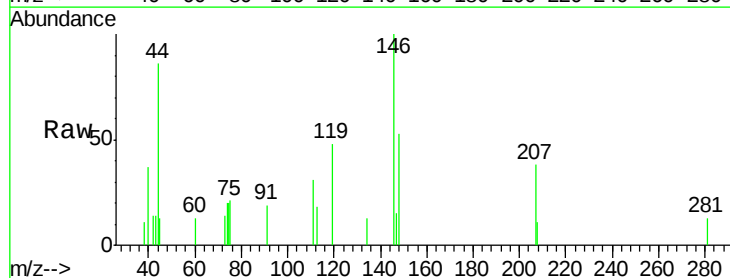
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBL01

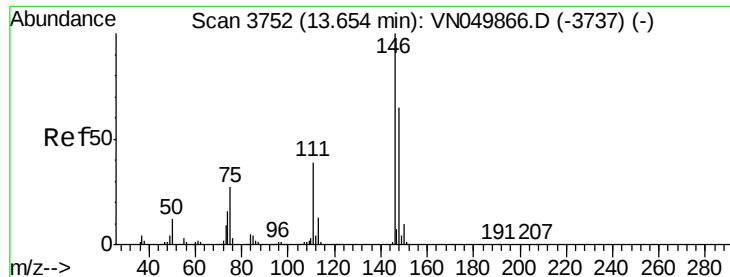
Tot Ion:146 Resp: 2425
 Ion Ratio Lower Upper
 146 100
 111 33.2 19.0 57.0
 148 34.0 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.07 min
 Lab File: VN049957.D
 Acq: 20 Jul 2018 12:45

Tgt Ion:146 Resp: 2425
 Ion Ratio Lower Upper
 146 100
 111 33.2 18.9 56.5
 148 34.0 32.1 96.3

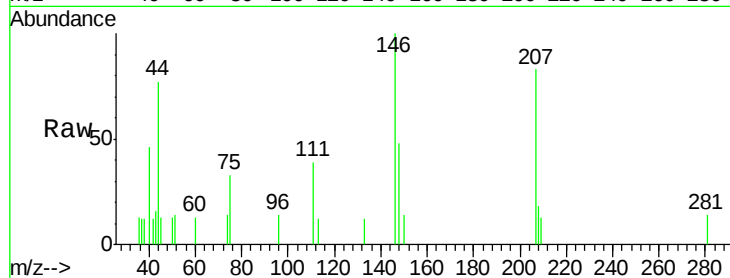




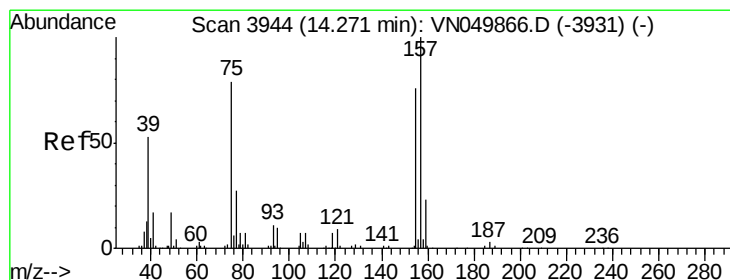
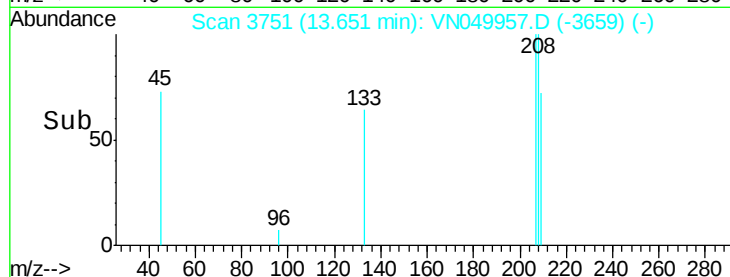
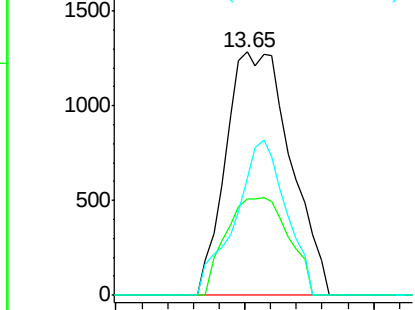
#91
 1,2-Dichlorobenzene
 Concen: 0.24 ug/l
 RT: 13.65 min Scan# 3751
 Delta R.T. -0.00 min
 Lab File: VN049957.D
 Acq: 20 Jul 2018 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBL01

Tot Ion:146 Resp: 2244
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.7 59.1
 148 50.0 32.0 96.2

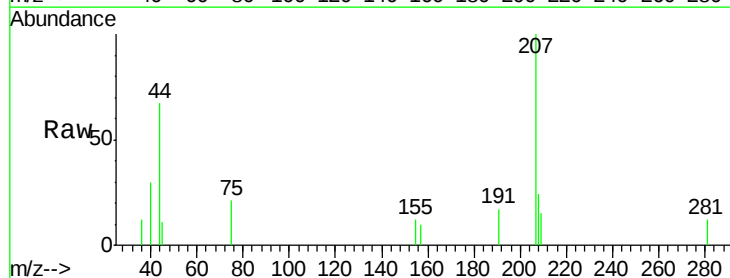


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

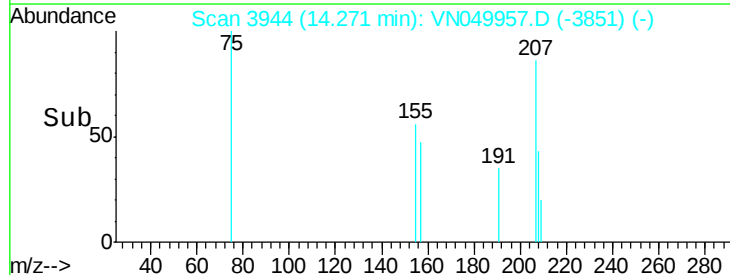
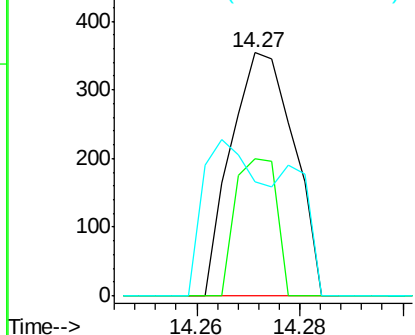


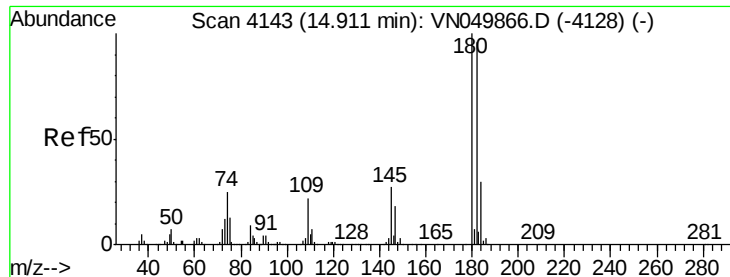
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.32 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049957.D
 Acq: 20 Jul 2018 12:45

Tgt Ion: 75 Resp: 298
 Ion Ratio Lower Upper
 75 100
 155 36.9 45.7 137.1#
 157 85.2 56.9 170.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

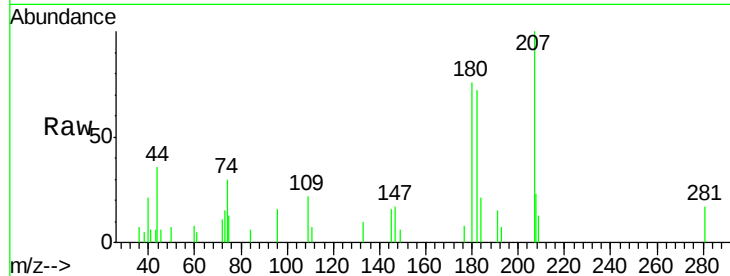




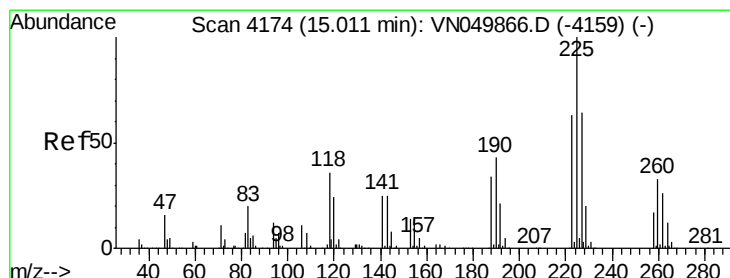
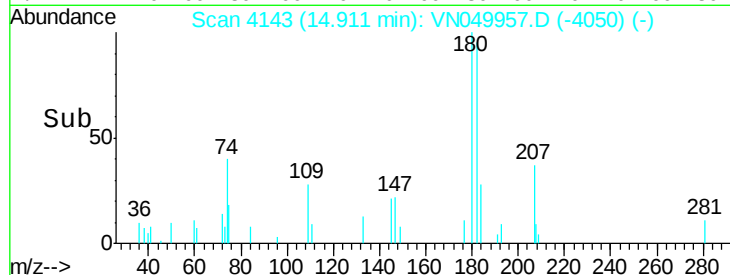
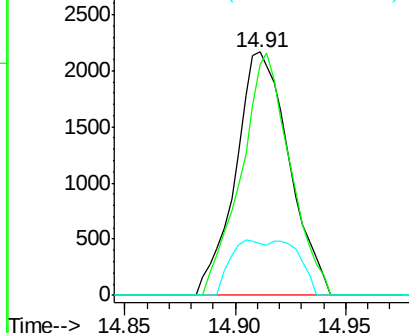
#93
 1,2,4-Trichlorobenzene
 Concen: 4.13 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049957.D
 Acq: 20 Jul 2018 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBL01

Tot Ion:180 Resp: 3662
 Ion Ratio Lower Upper
 180 100
 182 90.6 47.3 141.9
 145 15.3 14.4 43.0

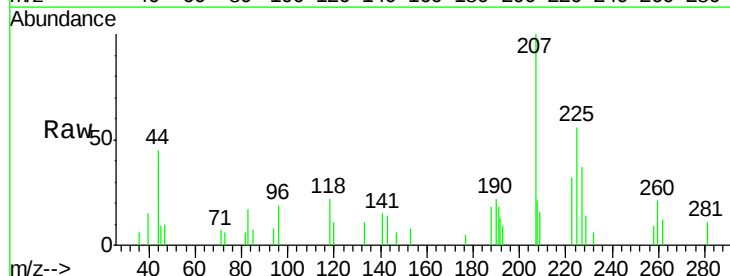


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

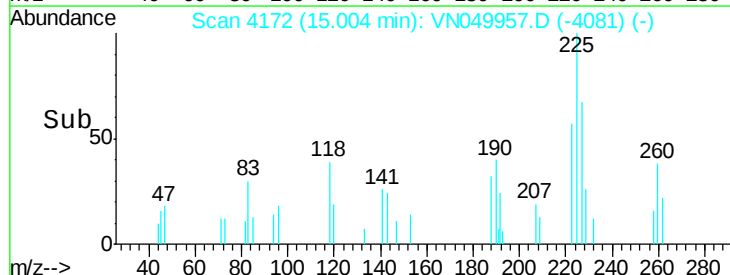
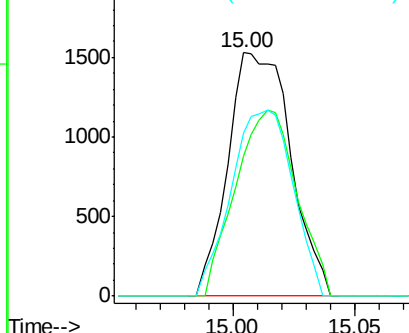


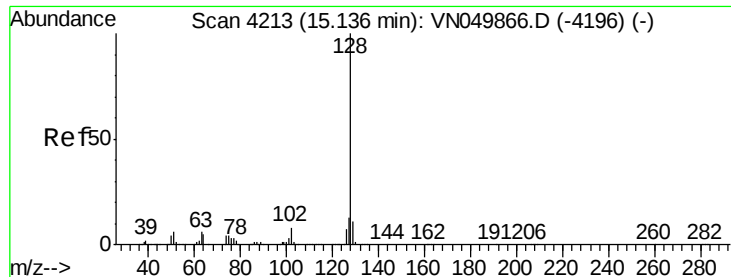
#94
 Hexachlorobutadiene
 Concen: 0.88 ug/l
 RT: 15.00 min Scan# 4172
 Delta R.T. -0.01 min
 Lab File: VN049957.D
 Acq: 20 Jul 2018 12:45

Tgt Ion:225 Resp: 2728
 Ion Ratio Lower Upper
 225 100
 223 74.4 30.9 92.7
 227 75.3 31.8 95.4



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





#95

Naphthalene

Concen: 5.15 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0720WBL01

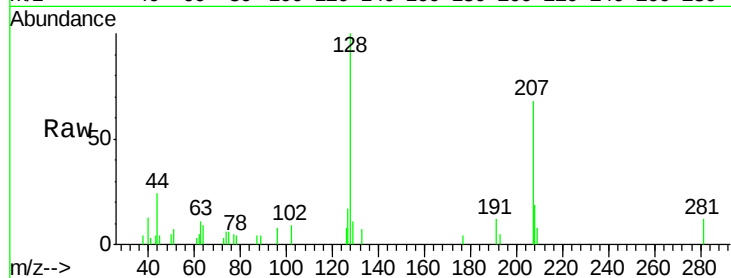
Tot Ion:128 Resp: 8978

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

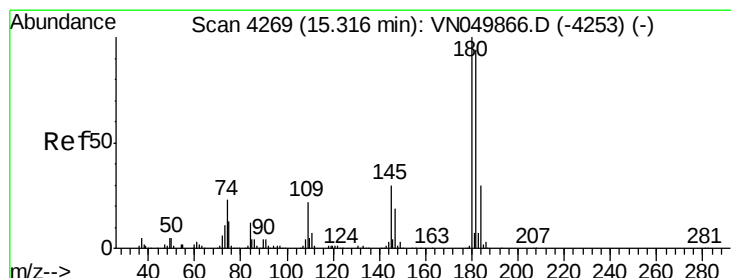
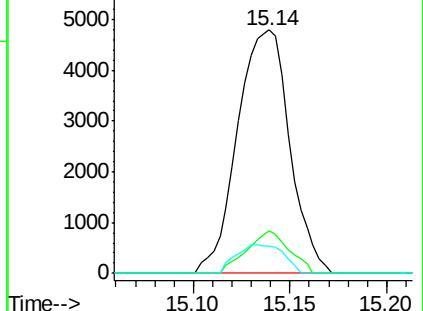
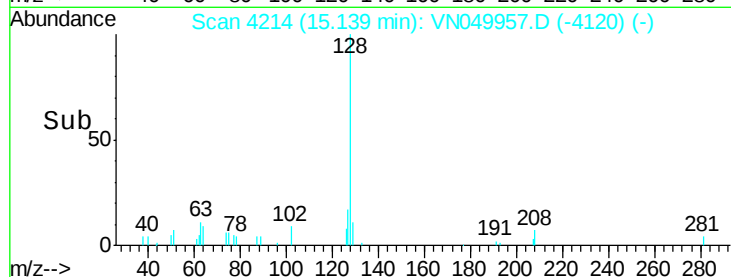
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.93 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN049957.D

Acq: 20 Jul 2018 12:45

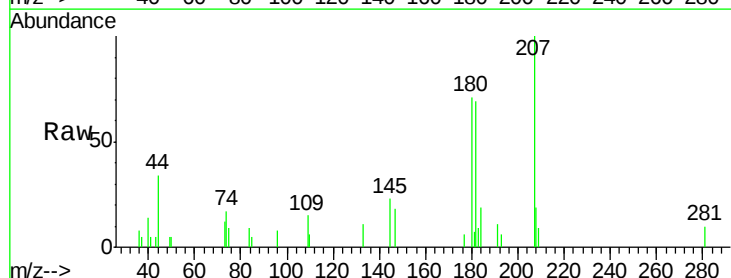
Tgt Ion:180 Resp: 4188

Ion Ratio Lower Upper

180 100

182 103.8 47.4 142.2

145 33.6 15.2 45.6



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

