

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051118.D
 Acq On : 11 Sep 2018 11:30
 Operator : MD\SY
 Sample : J4849-01DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-ADL

Quant Time: Sep 12 01:02:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	649248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	981639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	881499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	374111	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	375868	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	7.59	113	370117	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.09	98	1373190	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.40	95	449237	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2881	Below Cal		90
5) Bromomethane	2.57	94	2711	Below Cal		94
10) Methyl Iodide	3.95	142	828	5.74 ug/l	#	57
16) Acetone	3.82	43	1374	Below Cal	#	81
17) Carbon Disulfide	4.05	76	3161	0.27 ug/l	#	76
18) Methyl Acetate	4.34	43	2196	0.38 ug/l	#	71
20) Methylene Chloride	4.55	84	1756	0.22 ug/l		91
25) 2-Butanone	6.86	43	1208	0.43 ug/l	#	46
29) Tetrahydrofuran	7.23	42	588	0.33 ug/l	#	48
30) Chloroform	7.37	83	8322	0.63 ug/l		96
31) Cyclohexane	7.67	56	12530	0.83 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	41131	3.82 ug/l	#	48
38) Carbon Tetrachloride	7.67	117	56160	5.29 ug/l	#	17
39) Methylcyclohexane	9.08	83	8797	0.74 ug/l		93
43) Isopropyl Acetate	8.22	43	3726	0.34 ug/l	#	50
55) 1,1,2-Trichloroethane	10.53	97	8549	1.19 ug/l	#	20
56) Ethyl methacrylate	10.43	69	4236	2.87 ug/l	#	5
59) 2-Hexanone	10.72	43	8610	2.08 ug/l	#	26
67) Ethyl Benzene	11.51	91	13056	0.36 ug/l		91
68) m/p-Xylenes	11.63	106	12866	0.93 ug/l		81
73) Isopropylbenzene	12.25	105	1498872	47.77 ug/l		100
74) N-amyl acetate	12.04	43	87376	11.07 ug/l	#	61
75) 1,1,2,2-Tetrachloroethane	12.47	83	10134	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.59	75	15681	1.25 ug/l	#	100
78) n-propylbenzene	12.59	91	2954230	85.67 ug/l		99
79) 2-Chlorotoluene	12.59	91	2954230	137.06 ug/l	#	39
80) 1,3,5-Trimethylbenzene	12.69	105	46685	1.84 ug/l	#	28
81) trans-1,4-Dichloro-2-buten	12.25	75	15141	7.69 ug/l	#	59
82) 4-Chlorotoluene	12.59	91	2954230	138.07 ug/l	#	40
83) tert-Butylbenzene	12.99	119	121128	5.41 ug/l		95
84) 1,2,4-Trimethylbenzene	13.04	105	590786	23.69 ug/l		100
85) sec-Butylbenzene	13.17	105	617080	21.49 ug/l	#	76
86) p-Isopropyltoluene	13.44	119	223674	9.19 ug/l		96
89) n-Butylbenzene	13.61	91	249498	13.16 ug/l	#	84

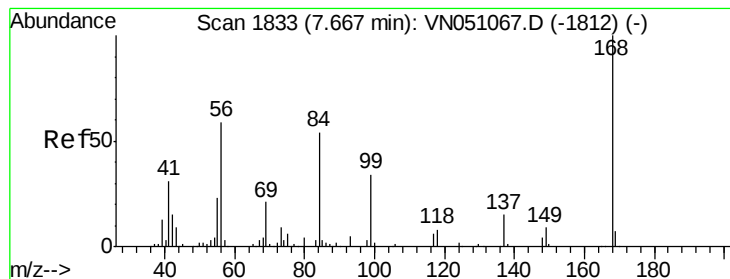
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
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Acq On : 11 Sep 2018 11:30
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Quant Time: Sep 12 01:02:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	86964	19.24	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.21	75	1865	2.37	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	858	4.10	ug/l #	1
94) Hexachlorobutadiene	15.00	225	91	Below Cal	#	19
95) Naphthalene	15.13	128	23510	6.83	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	728	3.05	ug/l #	87

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

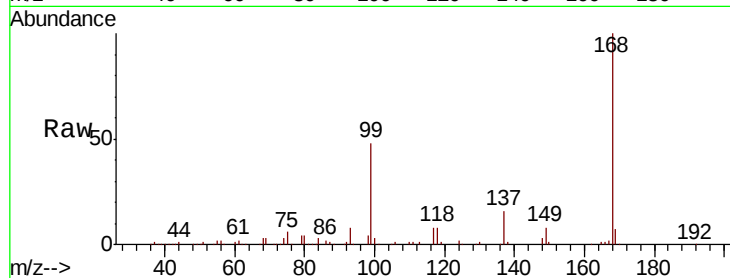
EP1-MW-ADL

Tot Ion:168 Resp: 649248

Ion Ratio Lower Upper

168 100

99 48.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051067.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051067.D (-1812) (-)

7.67

300000

250000

200000

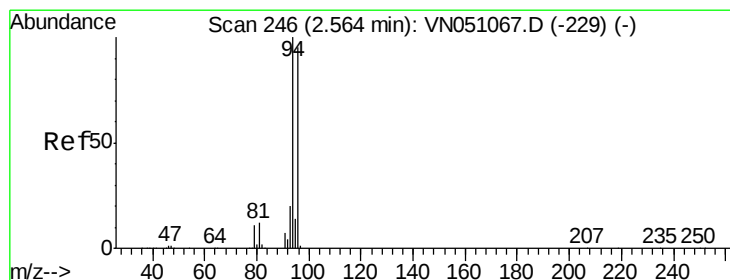
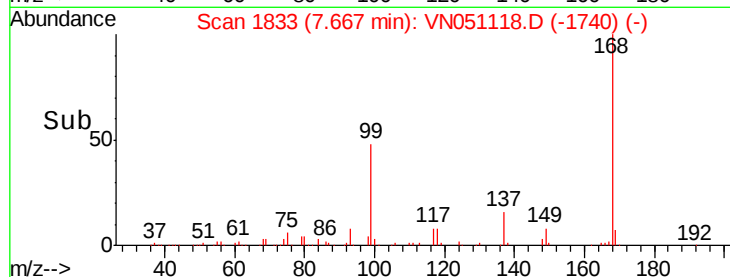
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051118.D

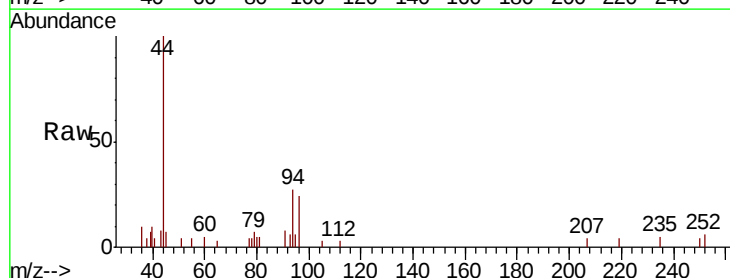
Acq: 11 Sep 2018 11:30

Tgt Ion: 94 Resp: 2711

Ion Ratio Lower Upper

94 100

96 89.1 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051067.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN051067.D (-229) (-)

2.57

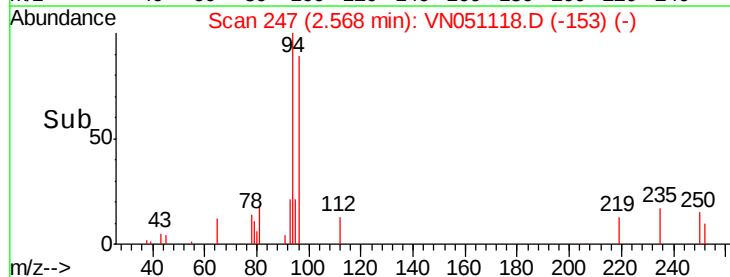
1500

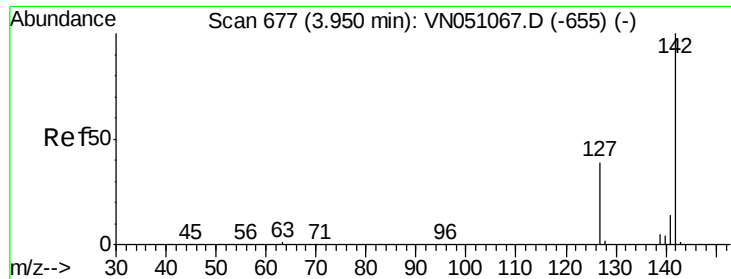
1000

500

0

Time-->

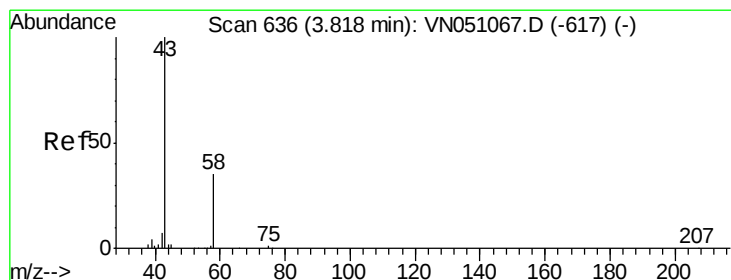
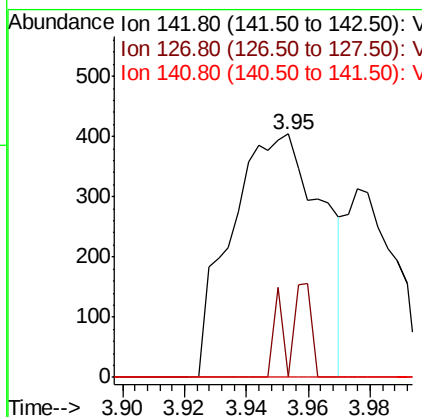
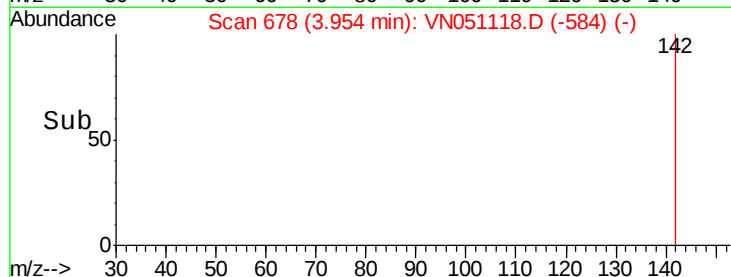
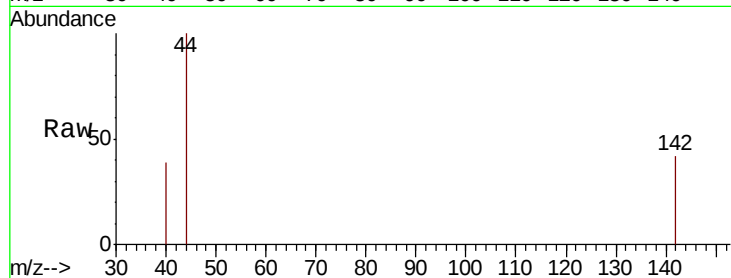




#10
Methvl Iodide
Concen: 5.74 ua/l
RT: 3.95 min Scan# 678
Delta R.T. 0.00 min
Lab File: VN051118.D
Acq: 11 Sep 2018 11:30

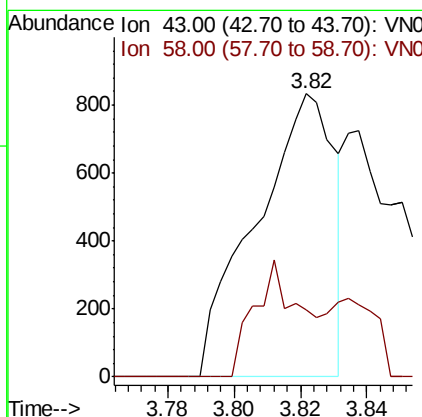
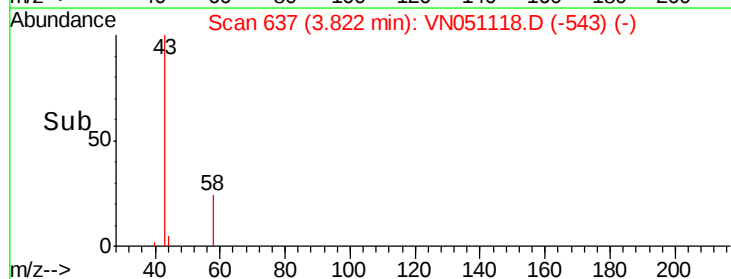
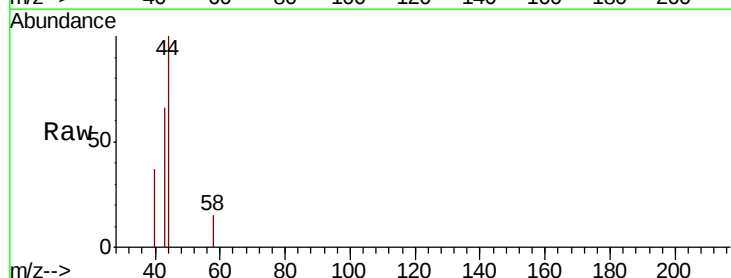
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-ADL

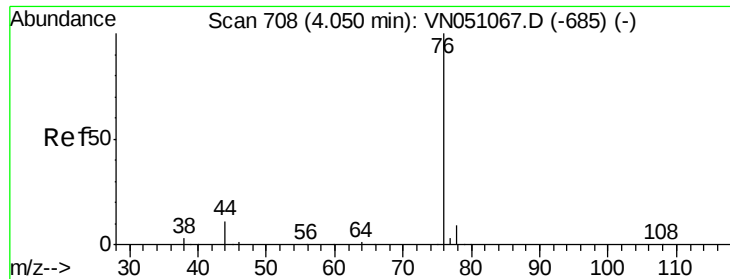
Tot Ion:142 Resp: 828
Ion Ratio Lower Upper
142 100
127 10.7 31.0 46.4#
141 0.0 11.3 16.9#



#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN051118.D
Acq: 11 Sep 2018 11:30

Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
58 23.5 27.8 41.6#

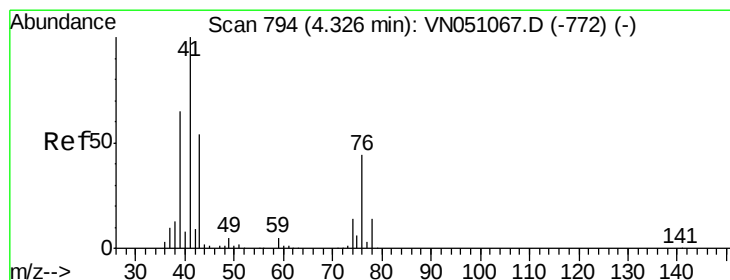
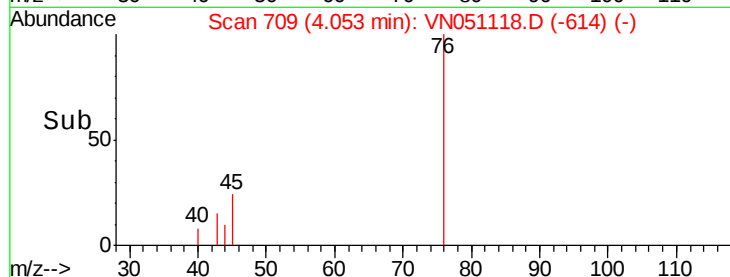
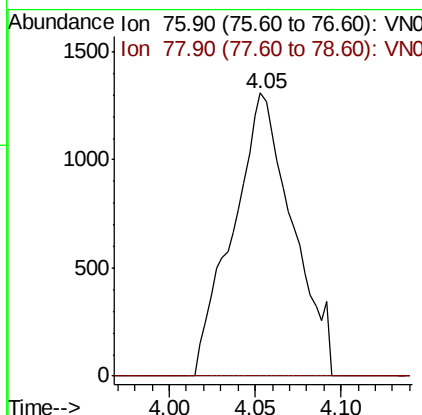
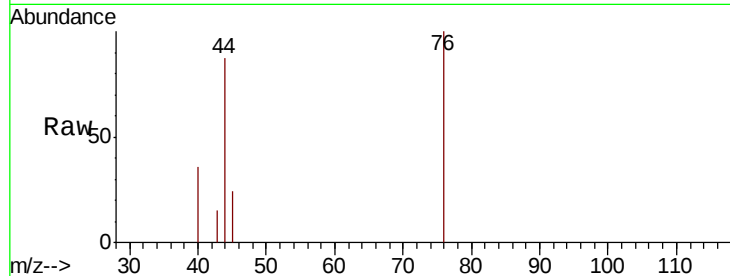




#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051118.D
Acq: 11 Sep 2018 11:30

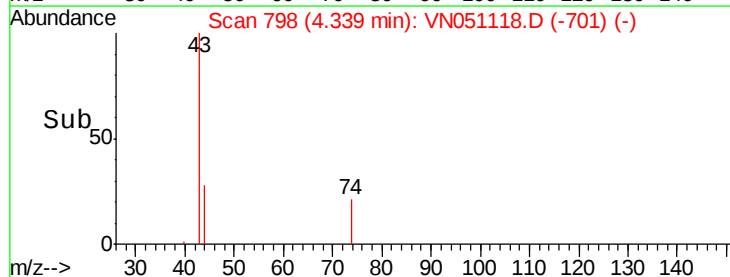
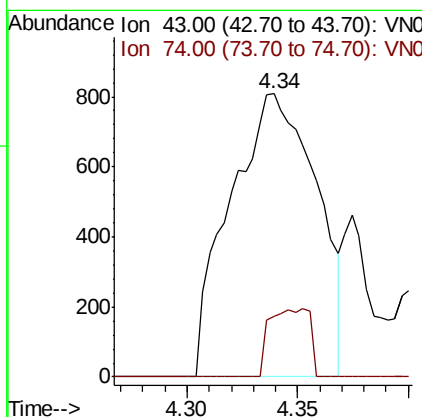
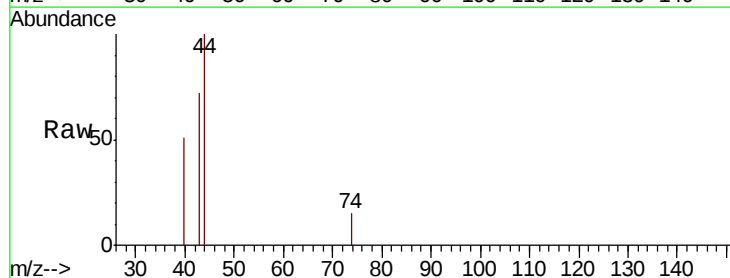
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-ADL

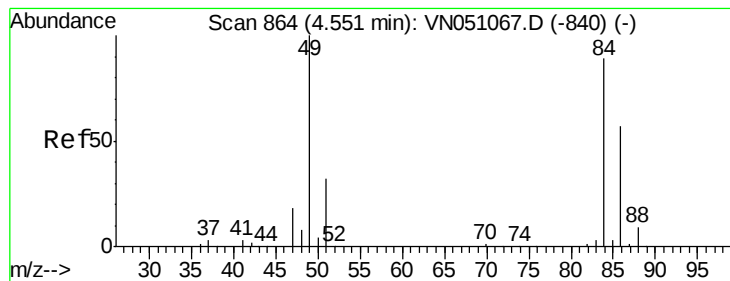
Tot Ion: 76 Resp: 3161
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.38 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051118.D
Acq: 11 Sep 2018 11:30

Tgt Ion: 43 Resp: 2196
Ion Ratio Lower Upper
43 100
74 11.2 20.7 31.1#





#20

Methvlene Chloride

Concen: 0.22 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-ADL

Tot Ion: 84 Resp: 1756

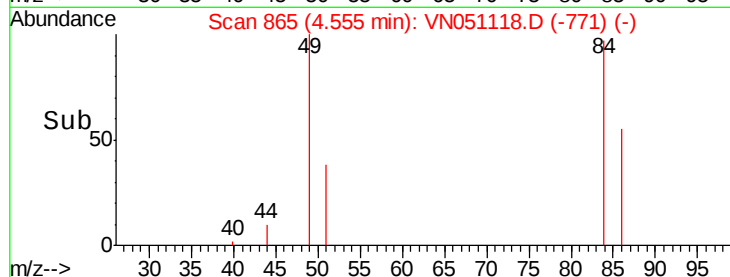
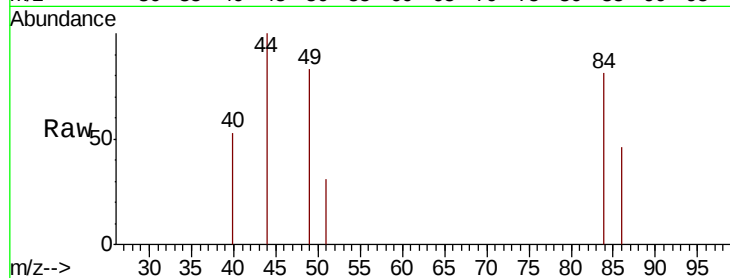
Ion Ratio Lower Upper

84 100

49 102.7 90.2 135.2

51 38.7 28.4 42.6

86 56.4 51.8 77.8

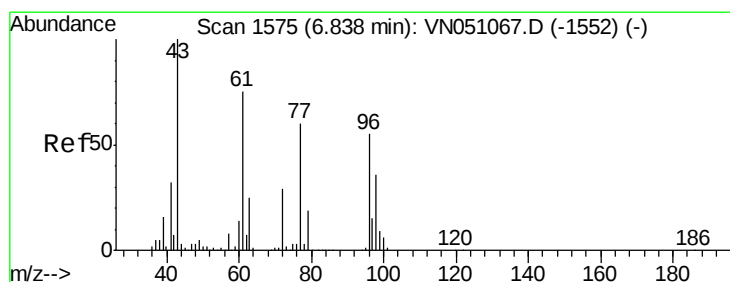
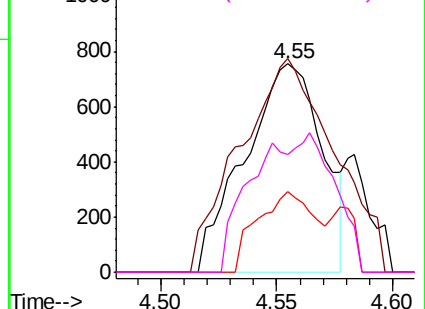


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 0.43 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. 0.02 min

Lab File: VN051118.D

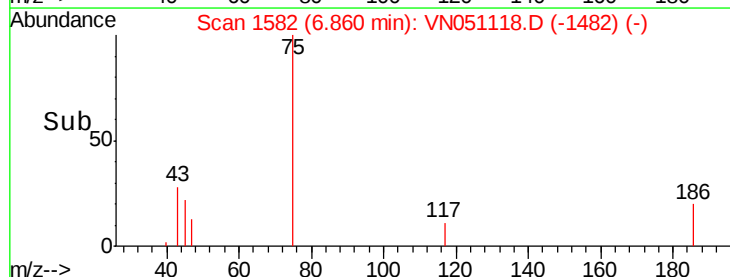
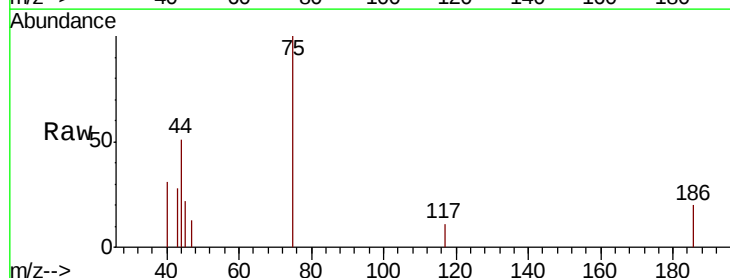
Acq: 11 Sep 2018 11:30

Tgt Ion: 43 Resp: 1208

Ion Ratio Lower Upper

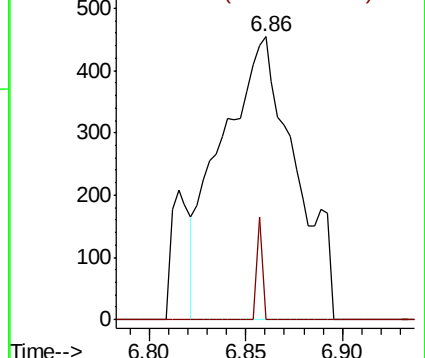
43 100

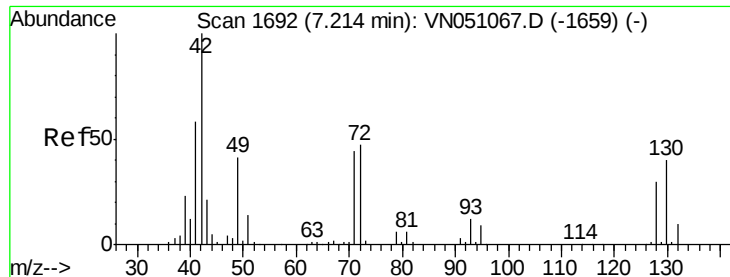
72 0.0 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.33 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-ADL

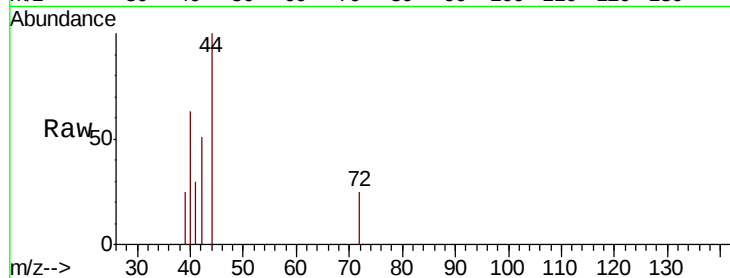
Tot Ion: 42 Resp: 588

Ion Ratio Lower Upper

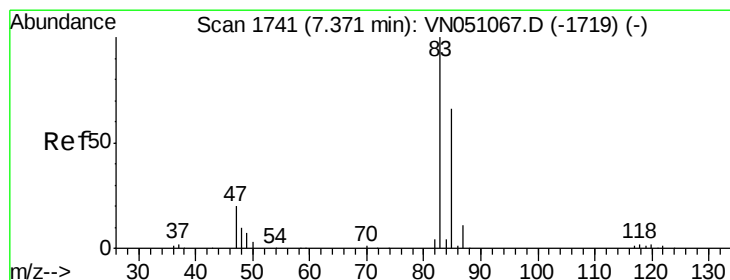
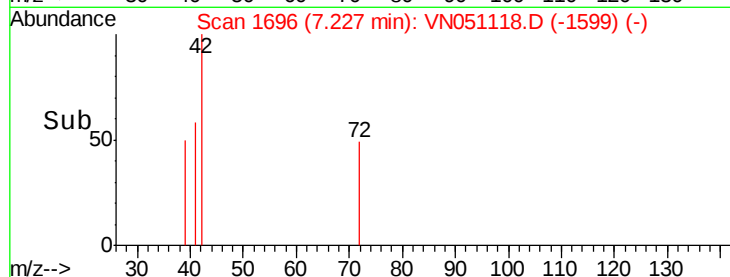
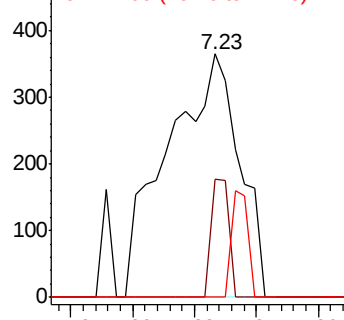
42 100

72 11.6 37.4 56.0#

71 10.2 34.7 52.1#



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



#30

Chloroform

Concen: 0.63 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051118.D

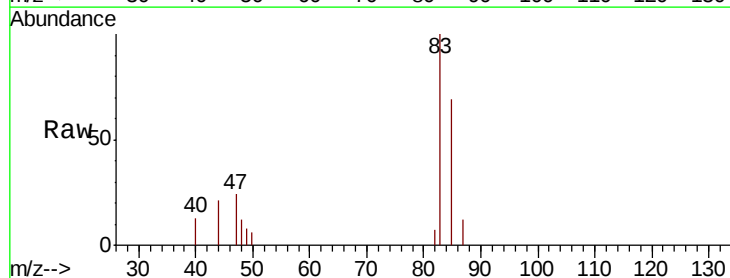
Acq: 11 Sep 2018 11:30

Tgt Ion: 83 Resp: 8322

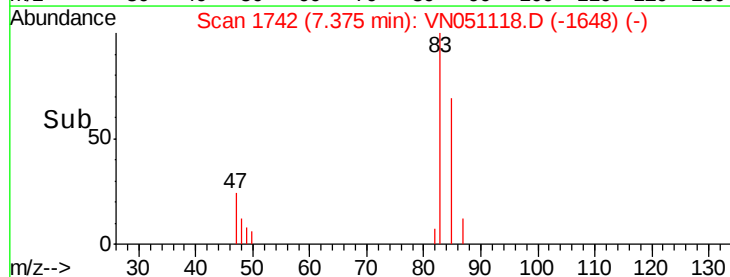
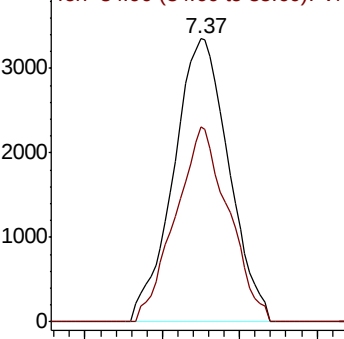
Ion Ratio Lower Upper

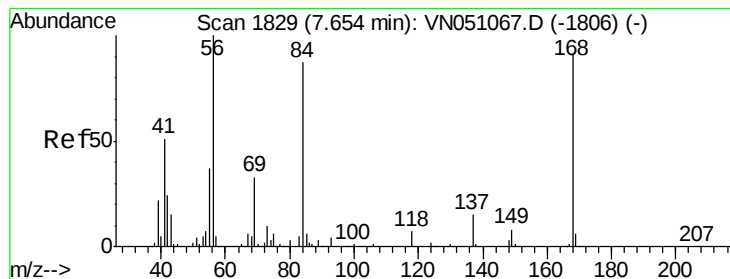
83 100

85 68.7 52.6 79.0



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





#31

Cyclohexane

Concen: 0.83 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

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ClientSampleId :

EP1-MW-ADL

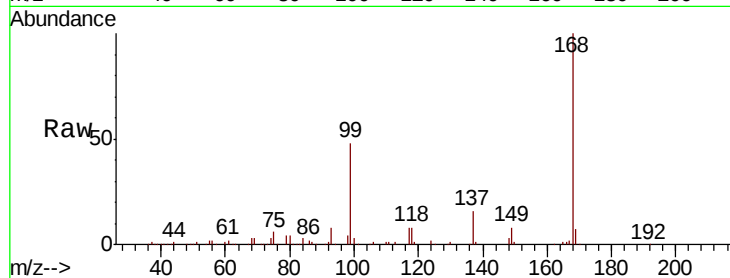
Tot Ion: 56 Resp: 12530

Ion Ratio Lower Upper

56 100

69 186.8 26.3 39.5#

84 153.2 69.4 104.0#

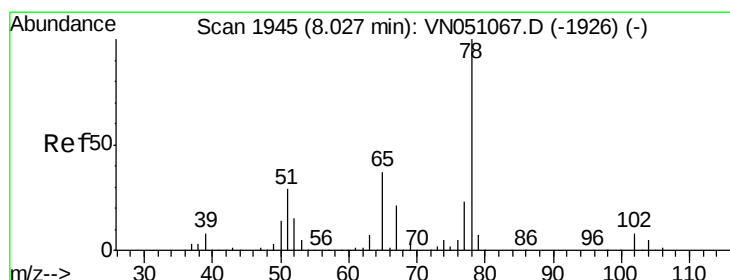
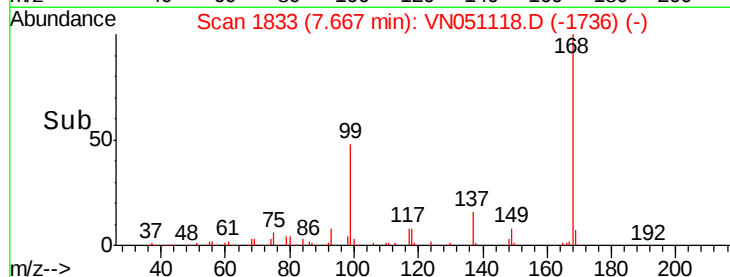
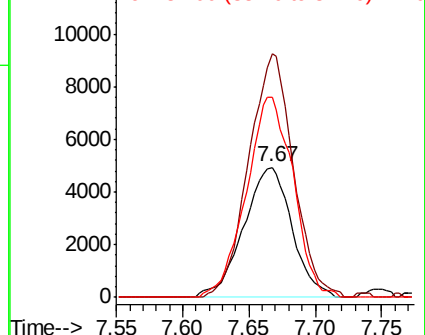


Abundance

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: 52.02 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051118.D

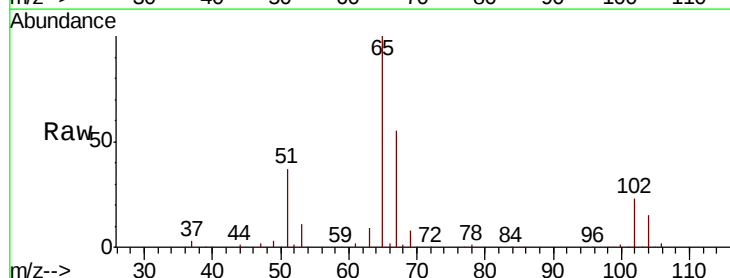
Acq: 11 Sep 2018 11:30

Tgt Ion: 65 Resp: 375868

Ion Ratio Lower Upper

65 100

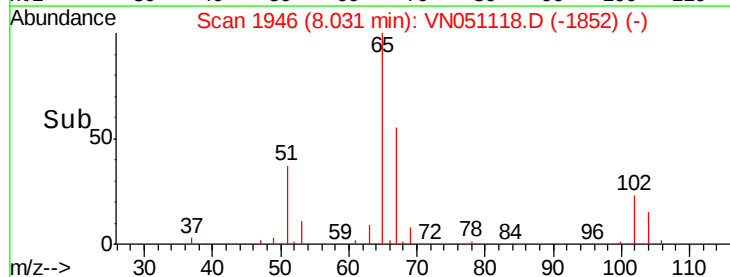
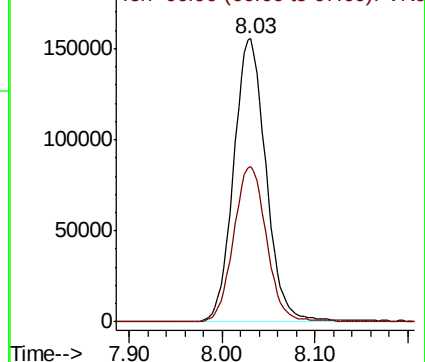
67 55.5 0.0 112.0

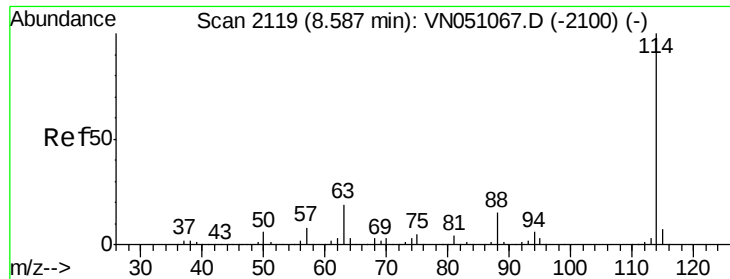


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

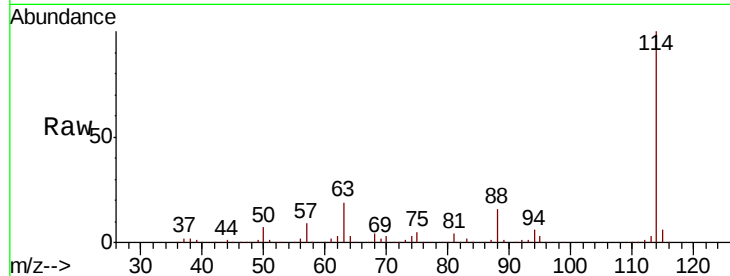




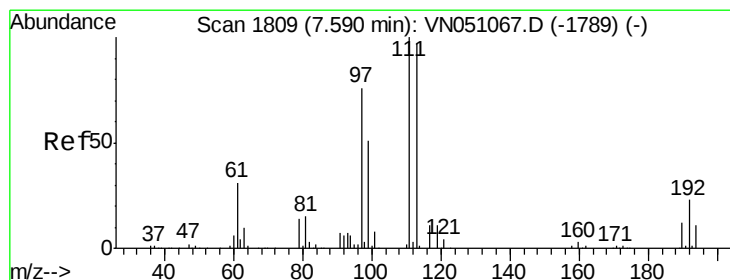
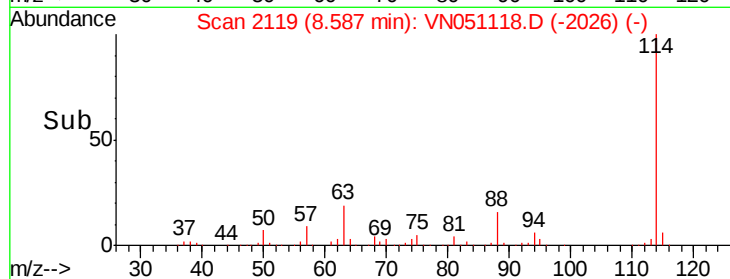
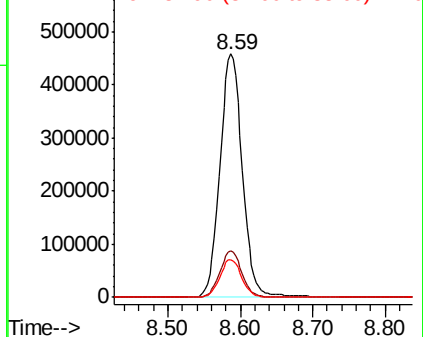
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051118.D
 Acq: 11 Sep 2018 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-ADL

Tot Ion:114 Resp: 981639
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.8
 88 15.6 0.0 30.8

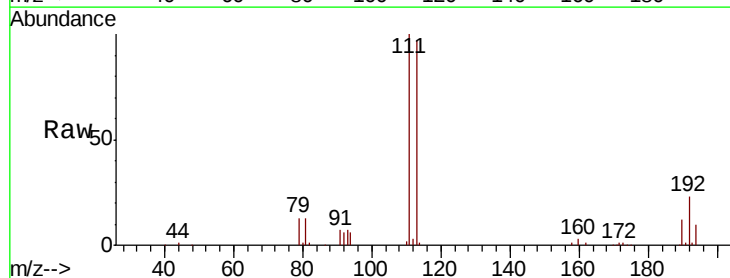


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

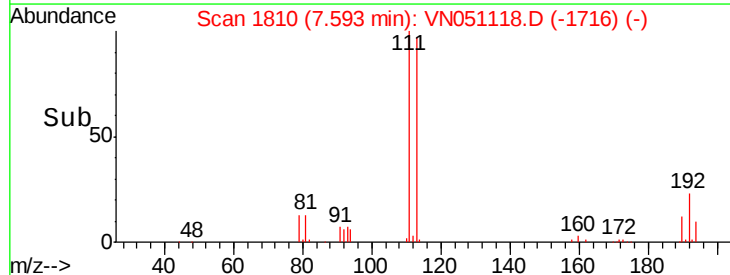
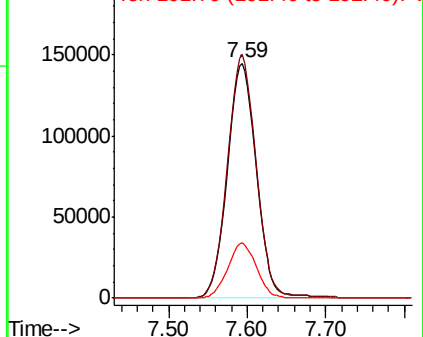


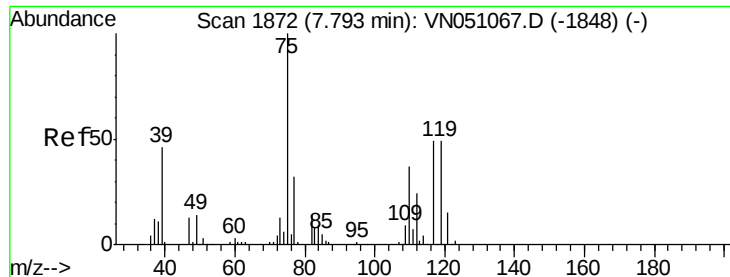
#35
 Dibromofluoromethane
 Concen: 50.18 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051118.D
 Acq: 11 Sep 2018 11:30

Tgt Ion:113 Resp: 370117
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.0 124.6
 192 23.2 18.7 28.1



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





#36

1,1-Dichloropropene

Concen: 3.82 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-ADL

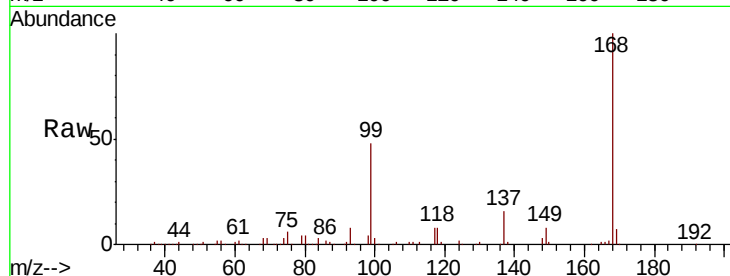
Tot Ion: 75 Resp: 41131

Ion Ratio Lower Upper

75 100

110 8.5 18.6 55.8#

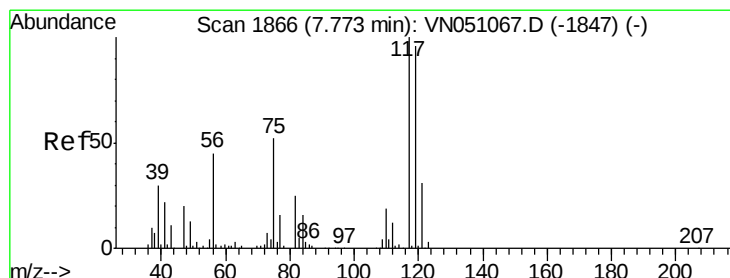
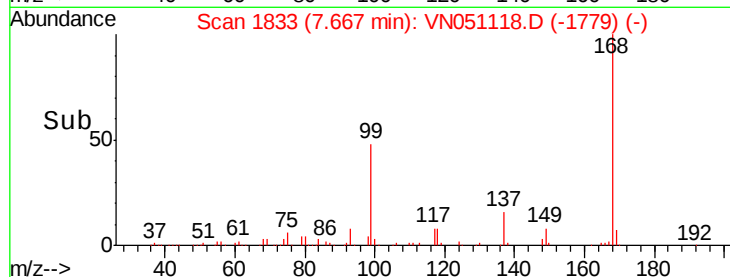
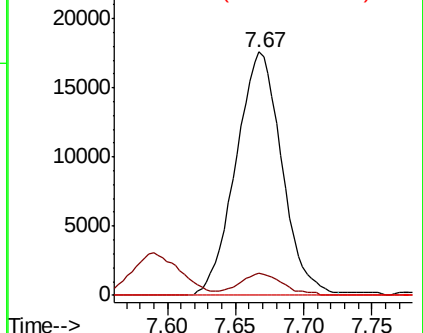
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VN051118.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN051118.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN051118.D (-1779) (-)



#38

Carbon Tetrachloride

Concen: 5.29 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

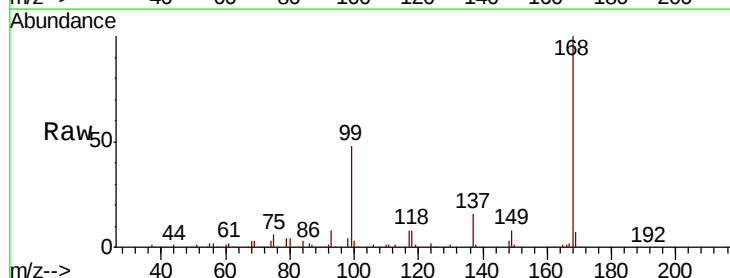
Tgt Ion: 117 Resp: 56160

Ion Ratio Lower Upper

117 100

119 6.9 76.8 115.2#

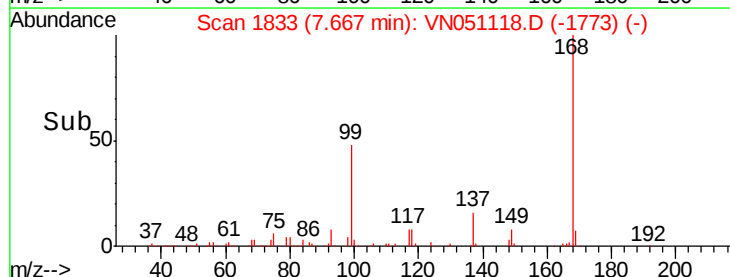
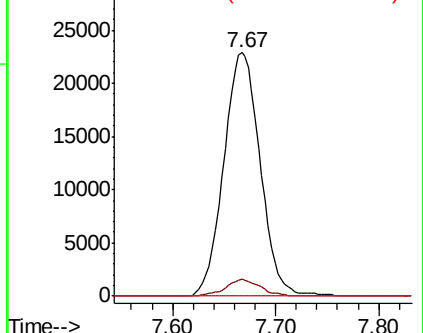
121 0.0 24.6 36.8#

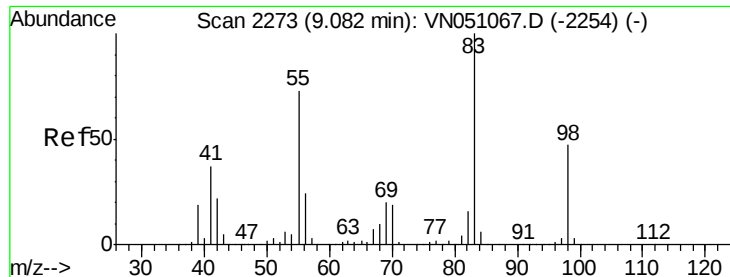


Abundance Ion 116.80 (116.50 to 117.50): VN051118.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN051118.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN051118.D (-1773) (-)

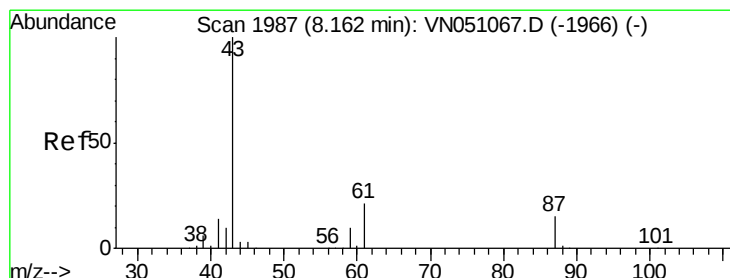
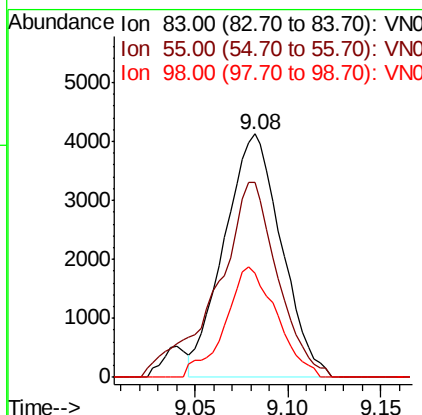
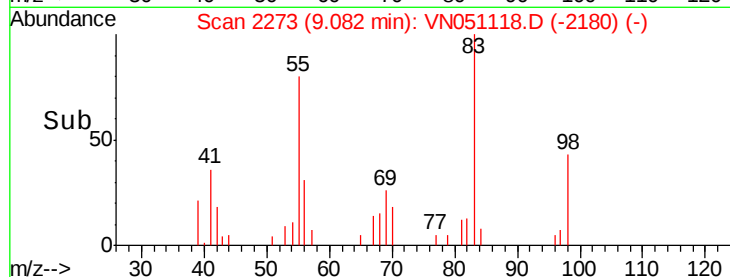
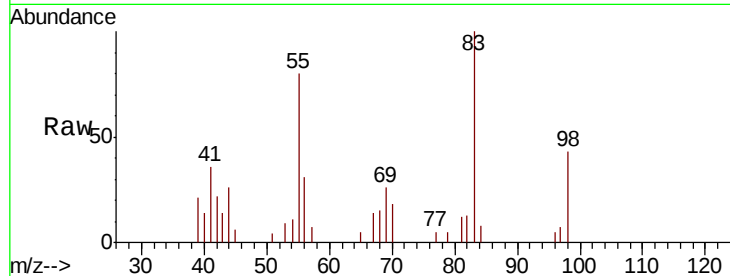




#39
Methylcyclohexane
Concen: 0.74 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051118.D
Acq: 11 Sep 2018 11:30

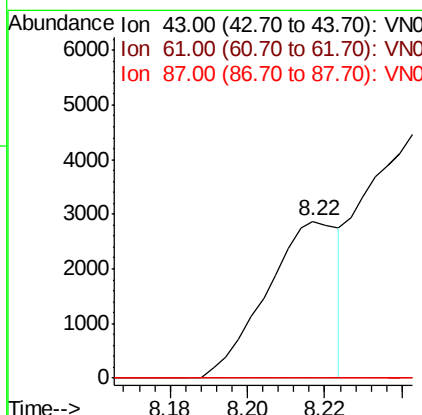
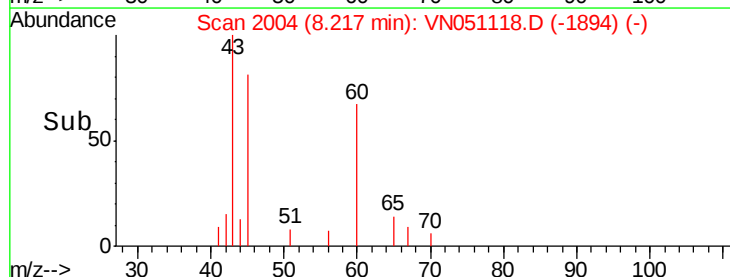
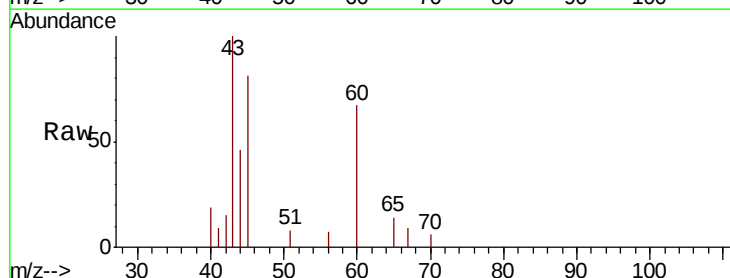
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-ADL

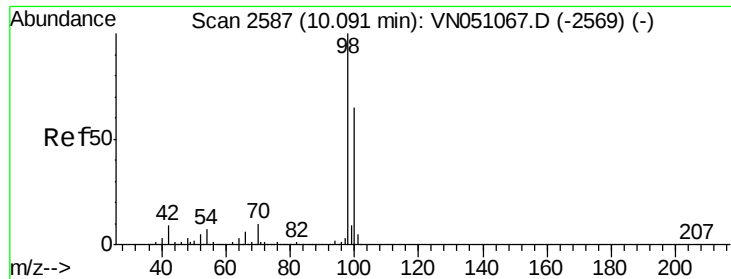
Tot Ion: 83 Resp: 8797
Ion Ratio Lower Upper
83 100
55 79.9 58.4 87.6
98 42.6 37.3 55.9



#43
Isopropyl Acetate
Concen: 0.34 ug/l
RT: 8.22 min Scan# 2004
Delta R.T. 0.05 min
Lab File: VN051118.D
Acq: 11 Sep 2018 11:30

Tgt Ion: 43 Resp: 3726
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.6#
87 0.0 11.8 17.8#





#50

Toluene-d8

Concen: 49.06 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

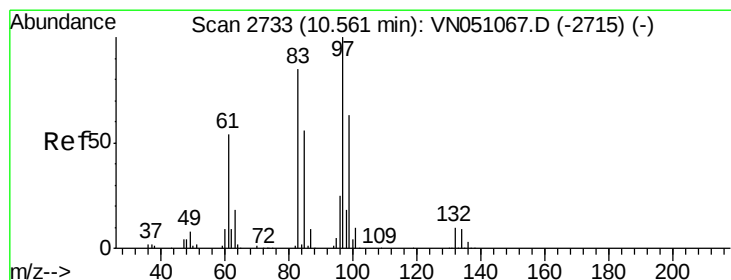
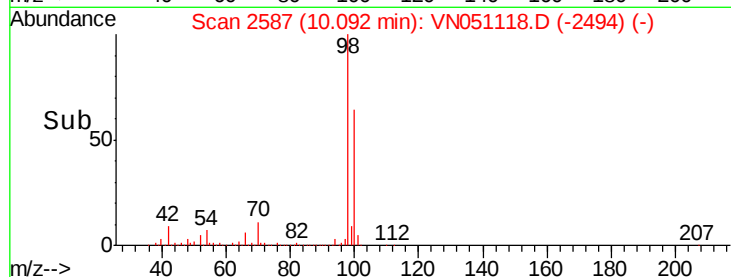
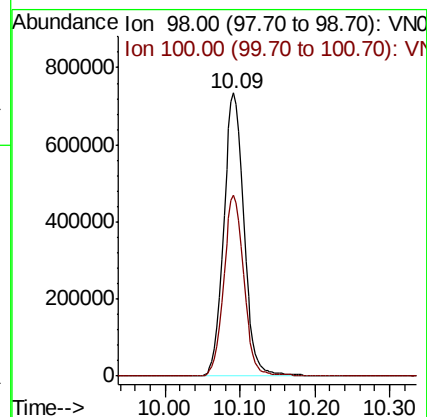
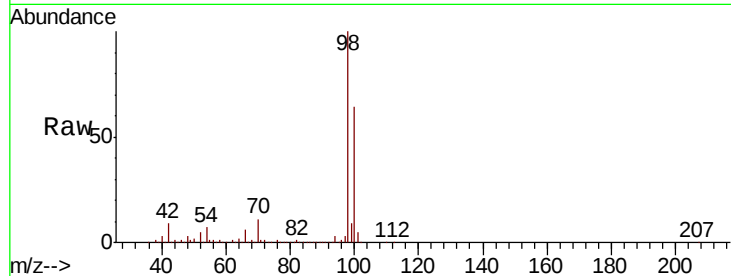
EP1-MW-ADL

Tot Ion: 98 Resp: 1373190

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#55

1,1,2-Trichloroethane

Concen: 1.19 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Tgt Ion: 97 Resp: 8549

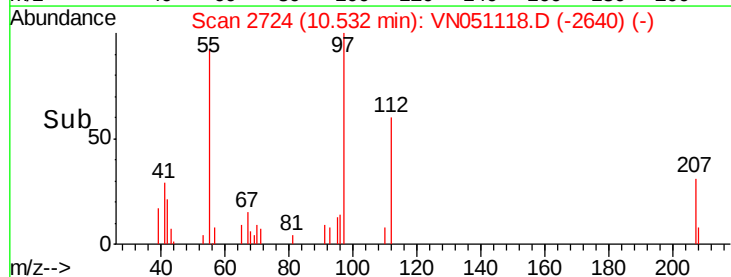
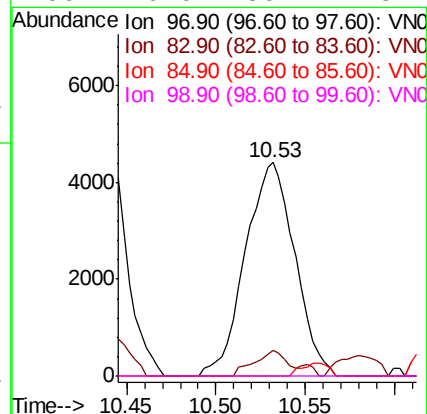
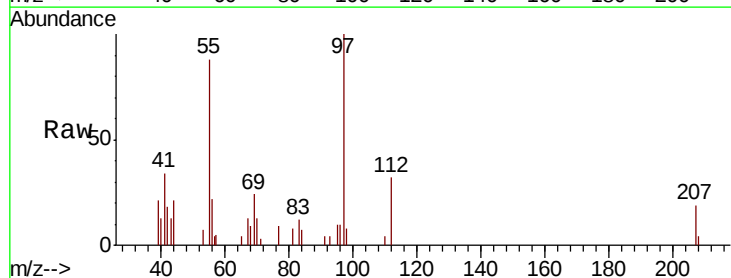
Ion Ratio Lower Upper

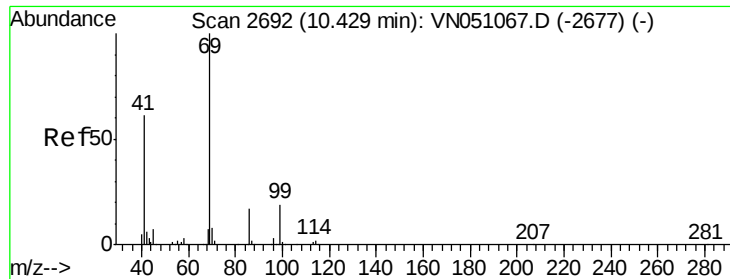
97 100

83 11.8 68.2 102.2#

85 0.0 44.8 67.2#

99 0.0 50.2 75.4#





#56

Ethyl methacrylate

Concen: 2.87 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-ADL

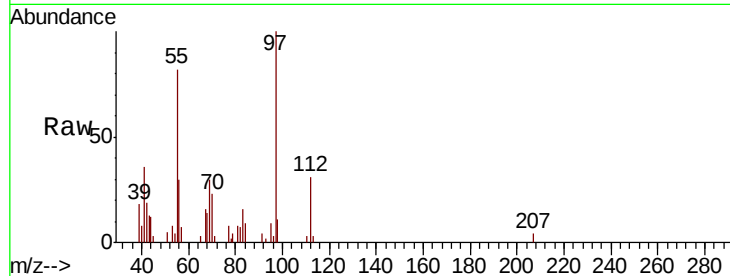
Tot Ion: 69 Resp: 4236

Ion Ratio Lower Upper

69 100

41 140.0 47.8 71.8#

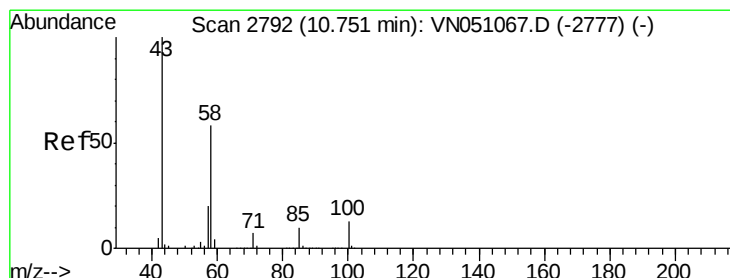
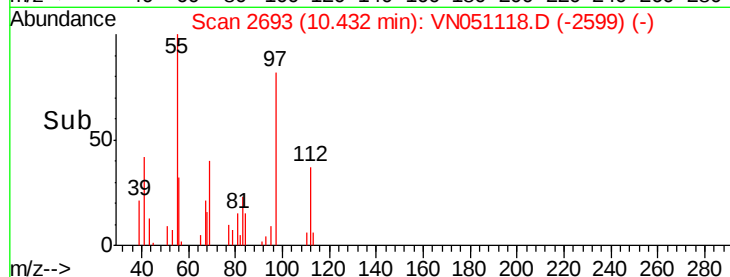
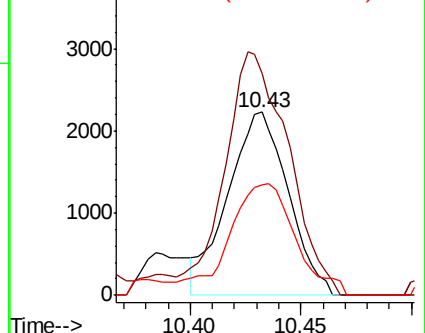
39 66.9 23.0 34.4#



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



#59

2-Hexanone

Concen: 2.08 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN051118.D

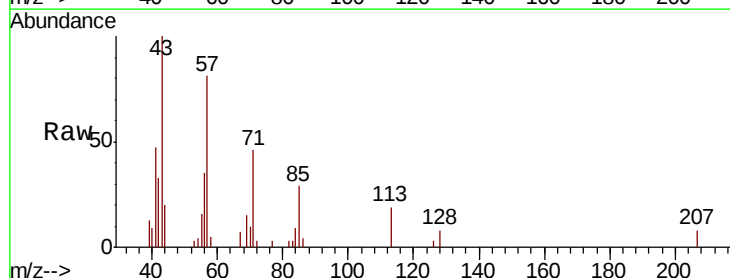
Acq: 11 Sep 2018 11:30

Tgt Ion: 43 Resp: 8610

Ion Ratio Lower Upper

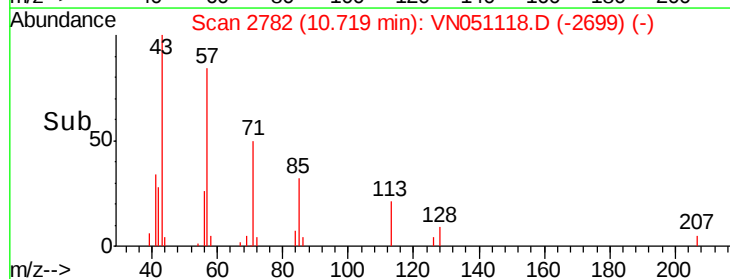
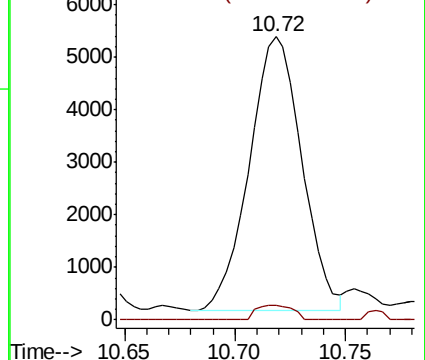
43 100

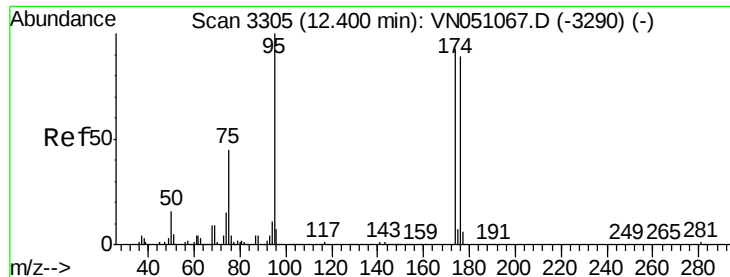
58 3.7 29.3 88.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

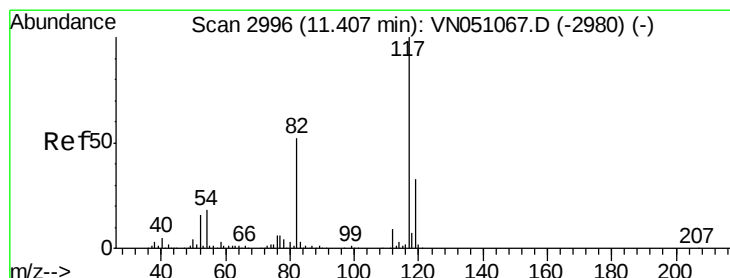
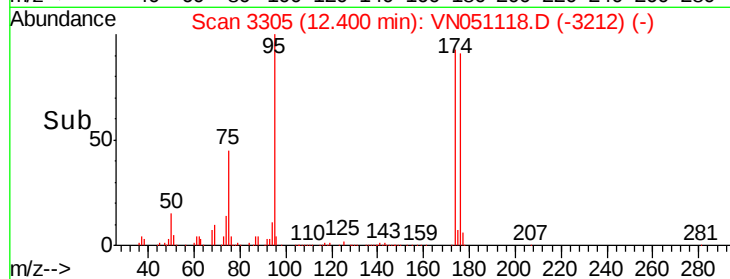
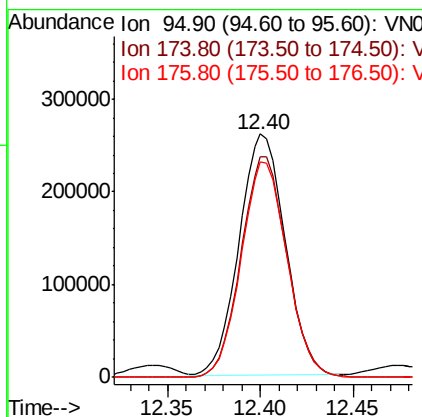
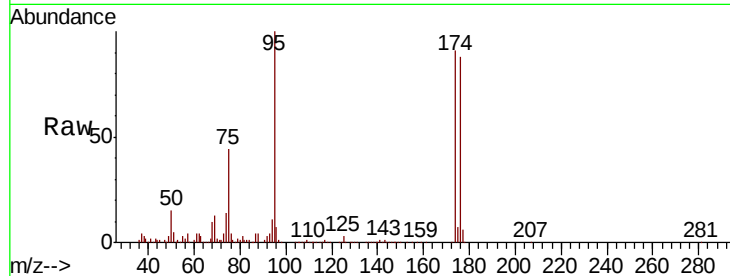




#62
4-Bromofluorobenzene
Concen: 48.52 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051118.D
Acq: 11 Sep 2018 11:30

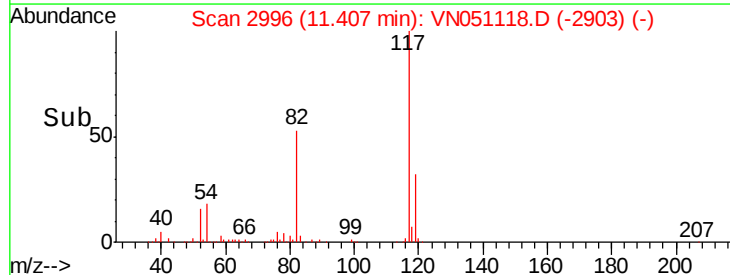
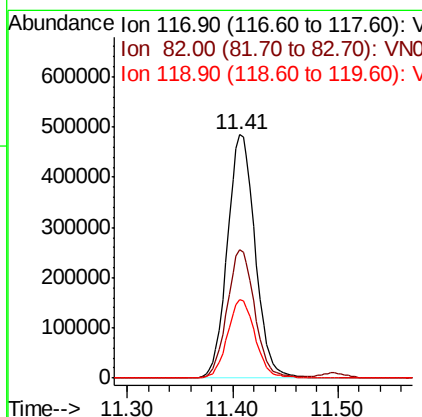
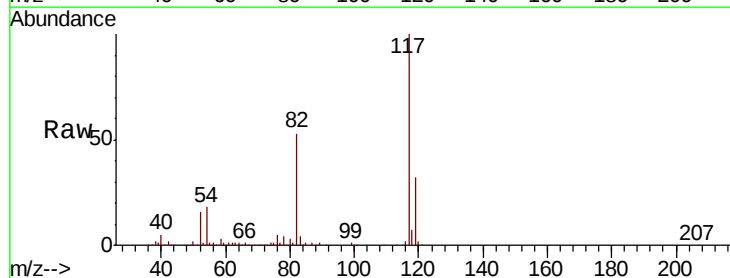
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-ADL

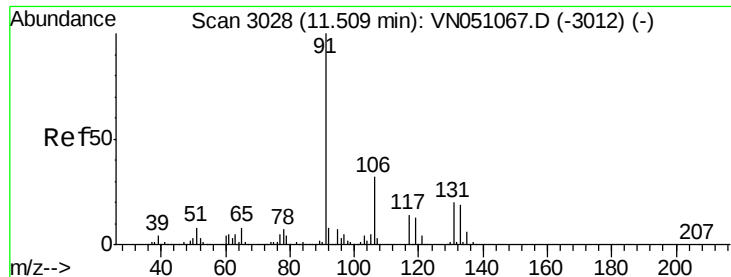
Tot Ion: 95 Resp: 449237
Ion Ratio Lower Upper
95 100
174 91.2 0.0 184.8
176 89.0 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051118.D
Acq: 11 Sep 2018 11:30

Tgt Ion: 117 Resp: 881499
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.6
119 32.1 26.2 39.2

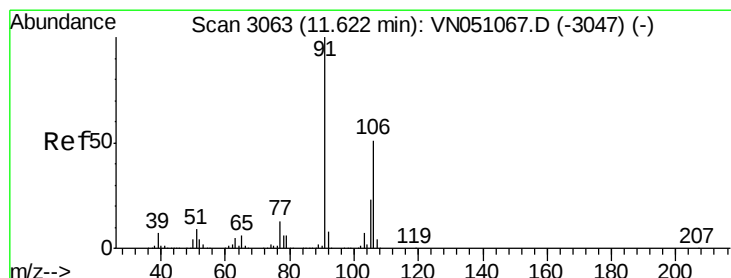
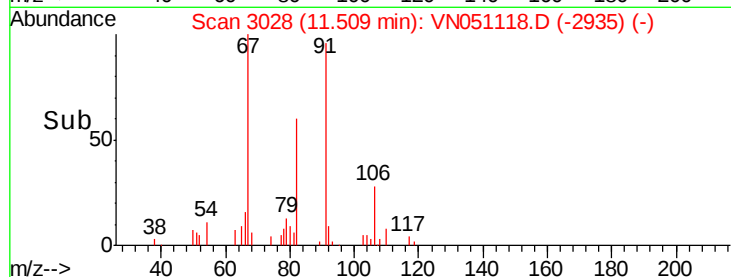
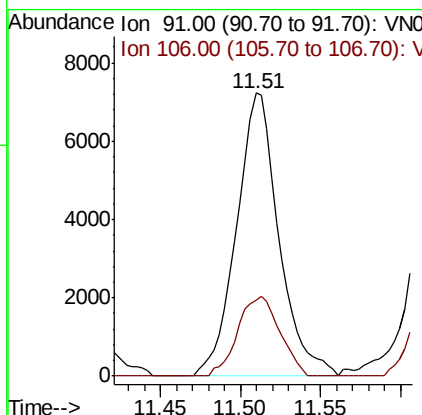
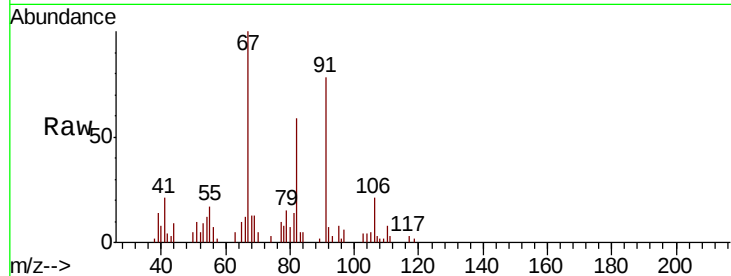




#67
Ethyl Benzene
Concen: 0.36 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051118.D
Acq: 11 Sep 2018 11:30

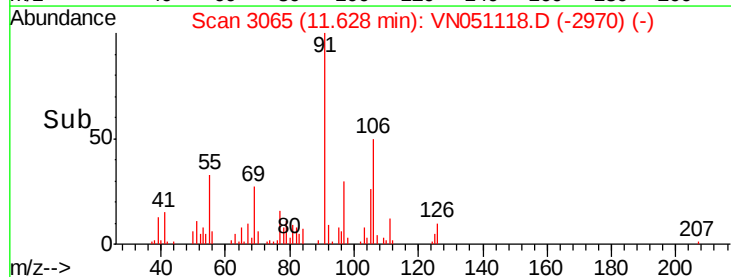
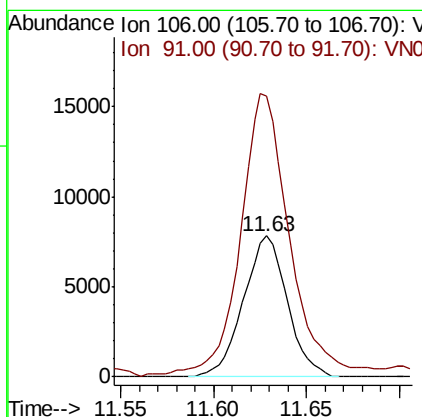
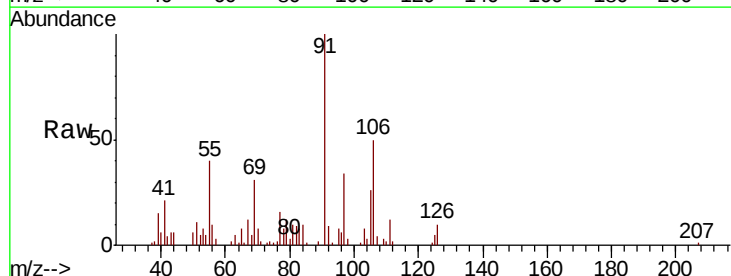
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-ADL

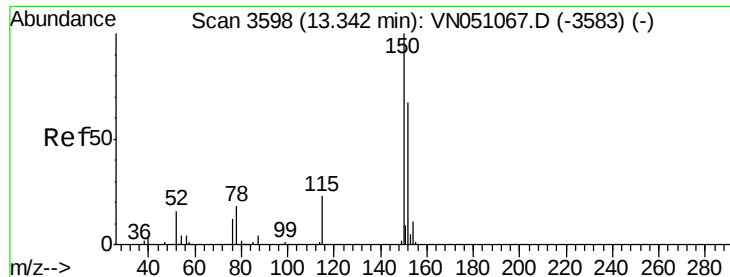
Tot Ion: 91 Resp: 13056
Ion Ratio Lower Upper
91 100
106 26.9 25.4 38.2



#68
m/p-Xylenes
Concen: 0.93 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN051118.D
Acq: 11 Sep 2018 11:30

Tgt Ion: 106 Resp: 12866
Ion Ratio Lower Upper
106 100
91 228.6 159.8 239.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-ADL

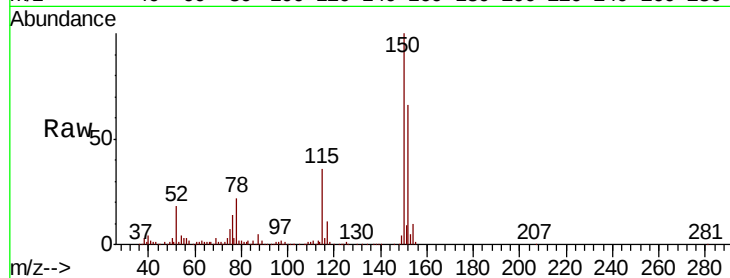
Tot Ion:152 Resp: 374111

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

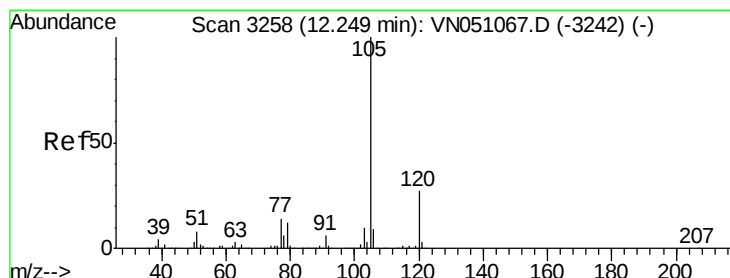
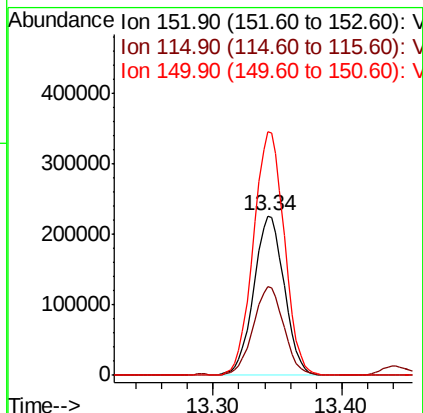
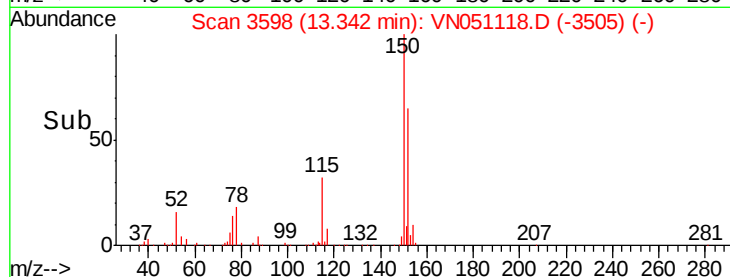
150 154.6 0.0 349.0



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: 47.77 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051118.D

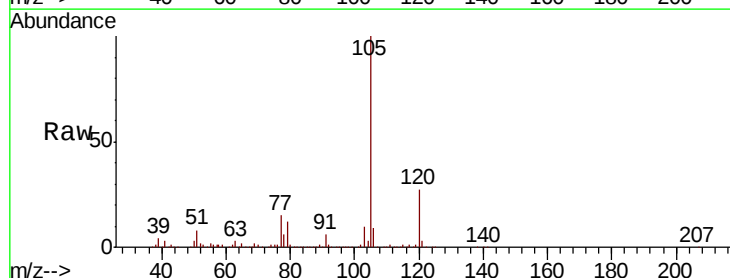
Acq: 11 Sep 2018 11:30

Tgt Ion:105 Resp: 1498872

Ion Ratio Lower Upper

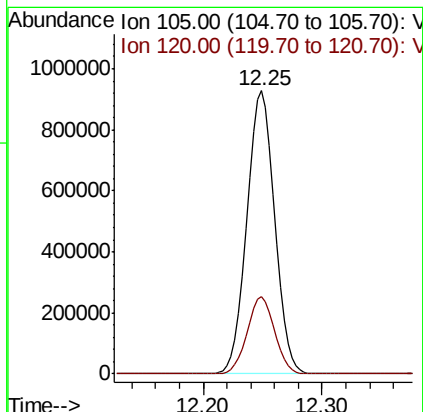
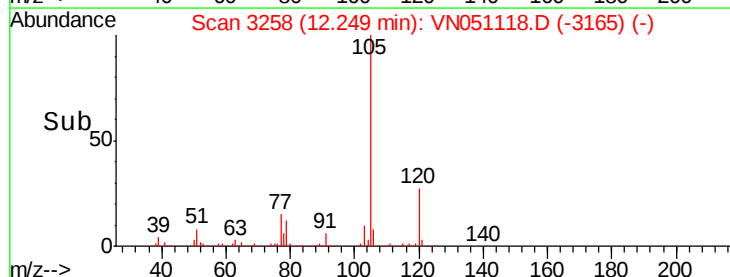
105 100

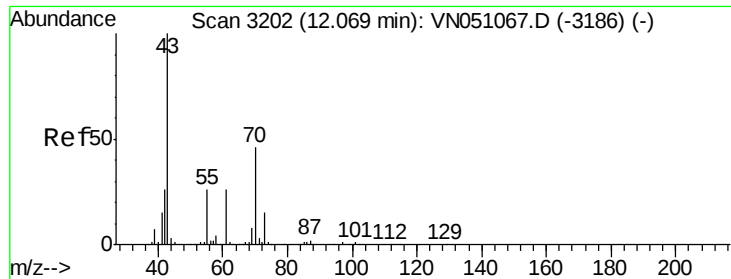
120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 11.07 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-ADL

Tot Ion: 43 Resp: 87376

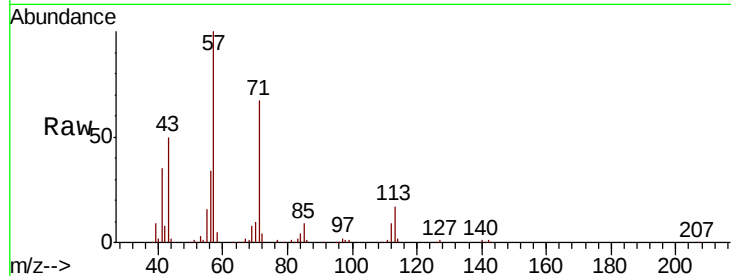
Ion Ratio Lower Upper

43 100

70 17.4 37.0 55.4#

55 16.9 21.3 31.9#

61 0.0 20.7 31.1#

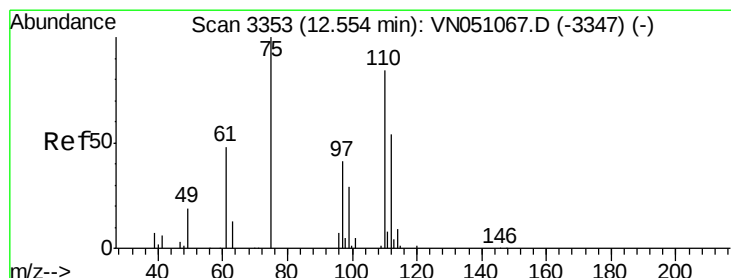
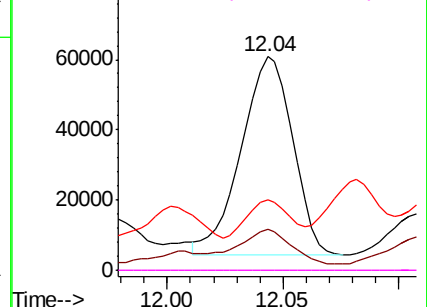
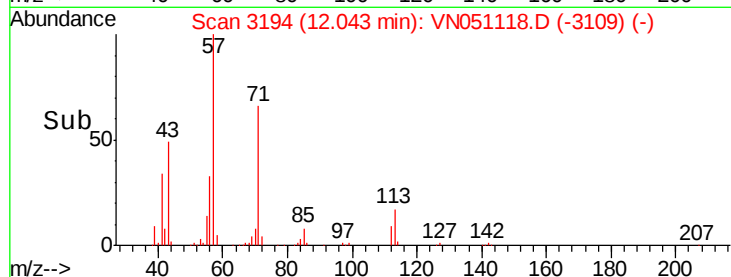


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 1.25 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN051118.D

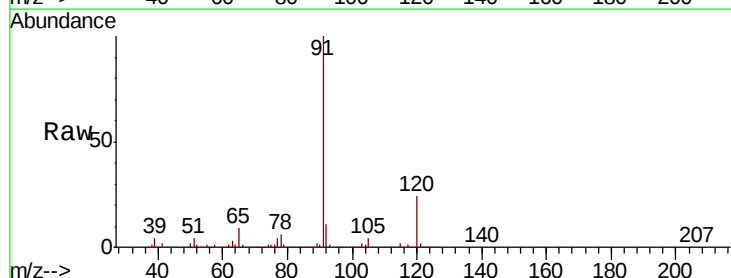
Acq: 11 Sep 2018 11:30

Tgt Ion: 75 Resp: 15681

Ion Ratio Lower Upper

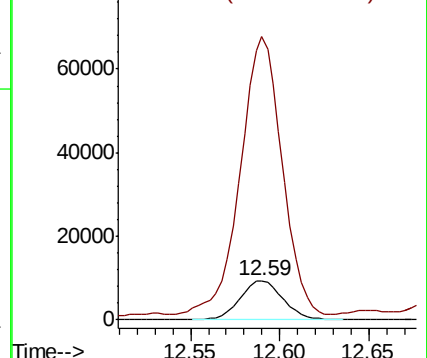
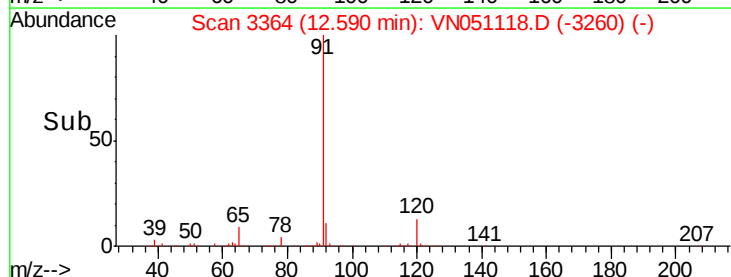
75 100

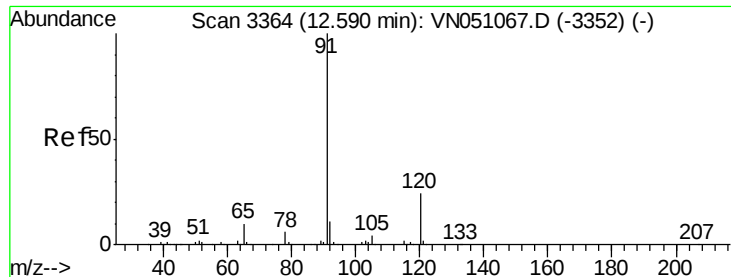
77 692.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 85.67 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

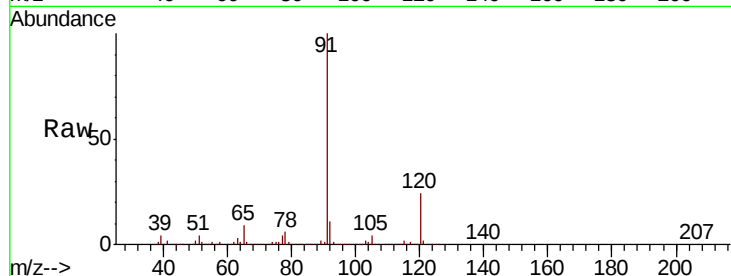
EP1-MW-ADL

Tot Ion: 91 Resp: 2954230

Ion Ratio Lower Upper

91 100

120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

1000000

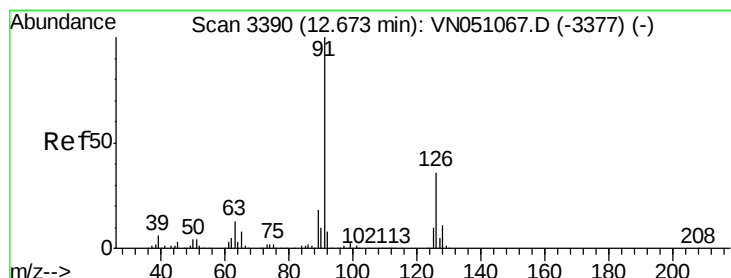
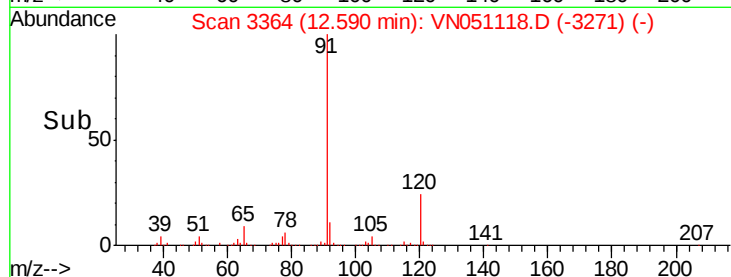
500000

0

12.50

12.60

Time-->



#79

2-Chlorotoluene

Concen: 137.06 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN051118.D

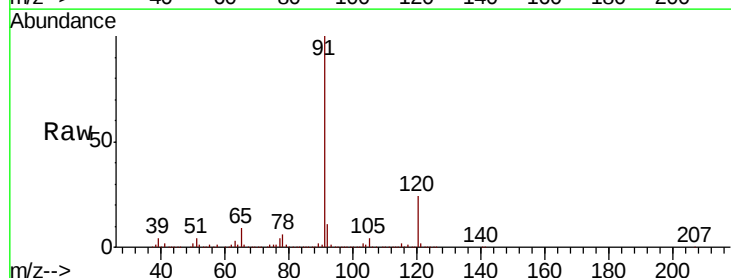
Acq: 11 Sep 2018 11:30

Tgt Ion: 91 Resp: 2954230

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

2000000

1500000

1000000

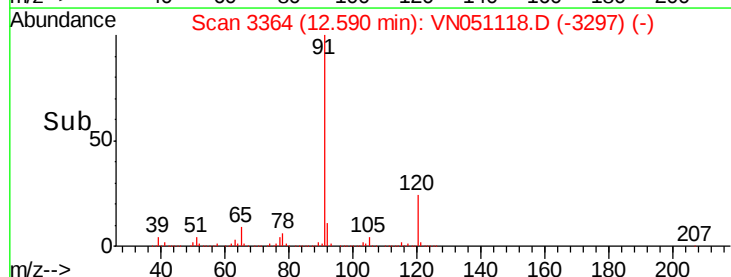
500000

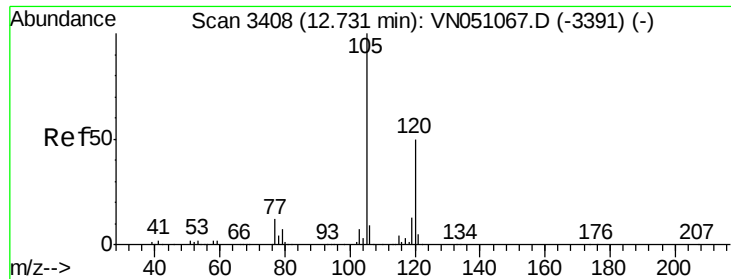
0

12.50

12.60

Time-->

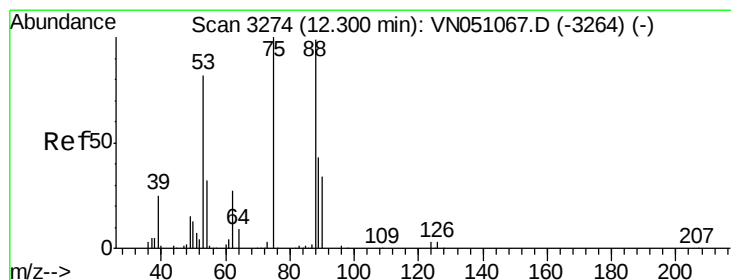
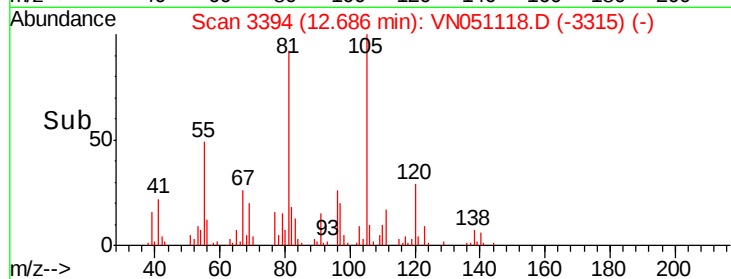
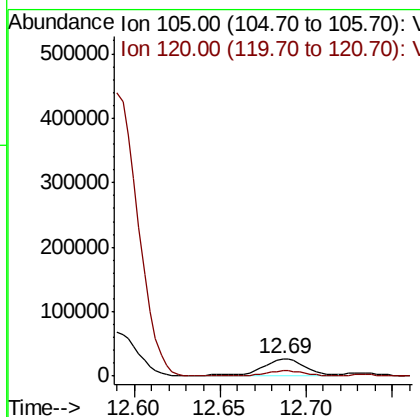
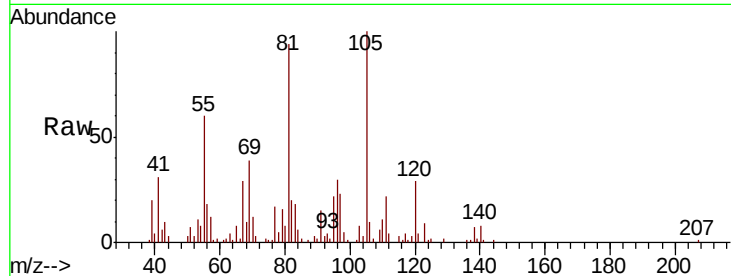




#80
 1,3,5-Trimethylbenzene
 Concen: 1.84 ug/l
 RT: 12.69 min Scan# 3394
 Delta R.T. -0.04 min
 Lab File: VN051118.D
 Acq: 11 Sep 2018 11:30

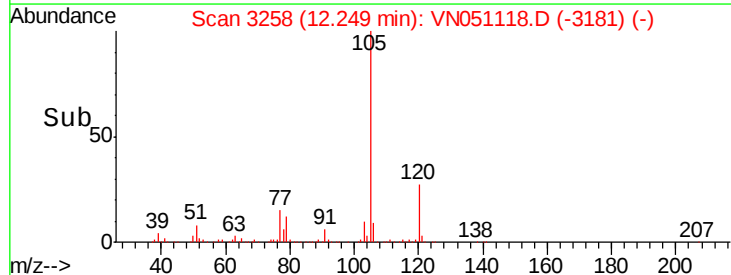
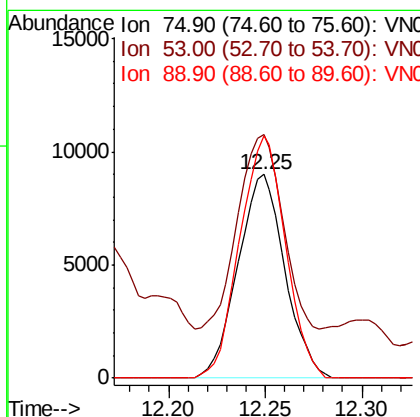
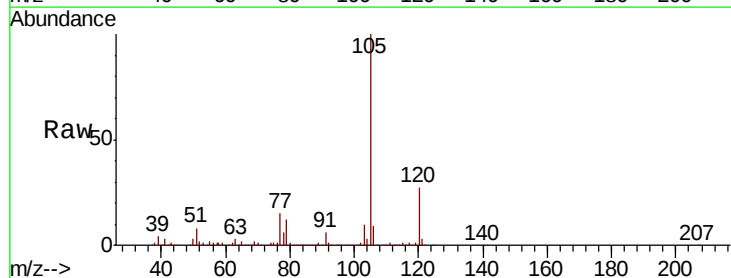
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-ADL

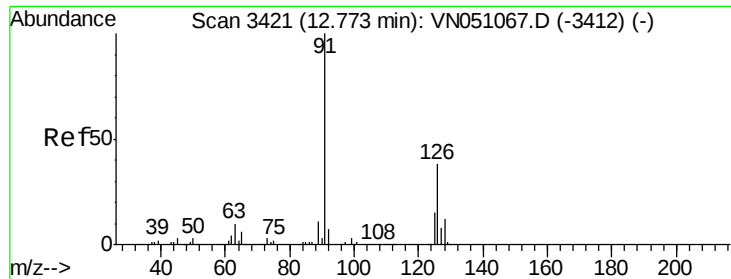
Tot Ion:105 Resp: 46685
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.9 74.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 7.69 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.05 min
 Lab File: VN051118.D
 Acq: 11 Sep 2018 11:30

Tgt Ion: 75 Resp: 15141
 Ion Ratio Lower Upper
 75 100
 53 89.7 67.8 101.8
 89 116.1 36.0 54.0#





#82

4-Chlorotoluene

Concen: 138.07 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.18 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

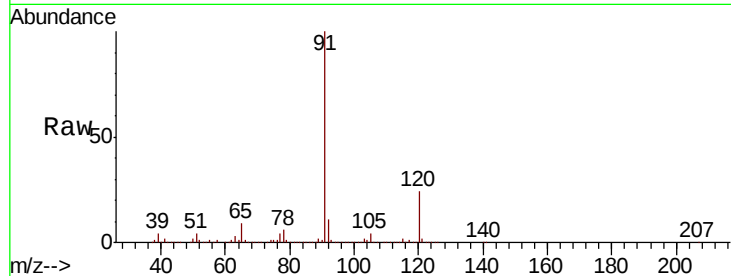
EP1-MW-ADL

Tot Ion: 91 Resp: 2954230

Ion Ratio Lower Upper

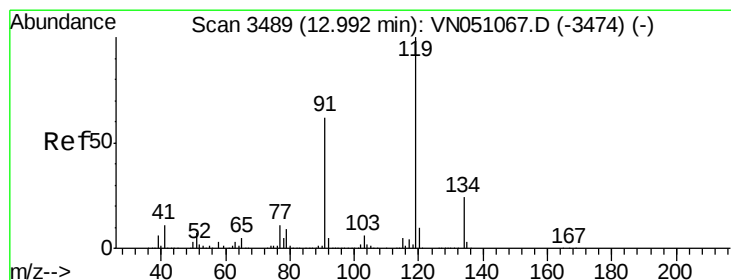
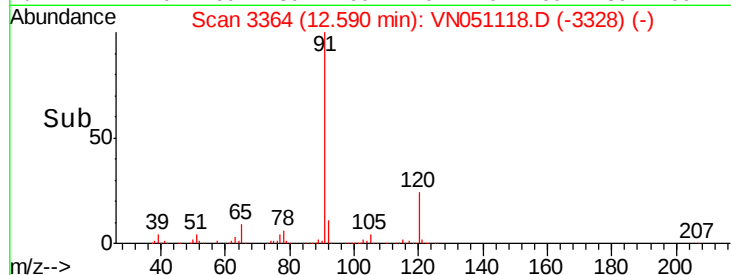
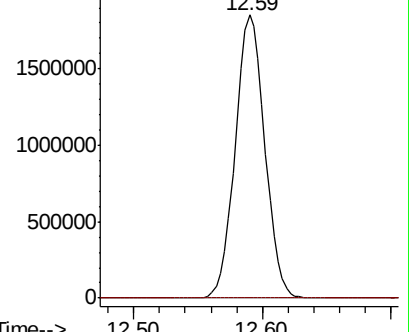
91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN051118.D (-3364) (-)

Ion 125.90 (125.60 to 126.60): VN051118.D (-3364) (-)



#83

tert-Butylbenzene

Concen: 5.41 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

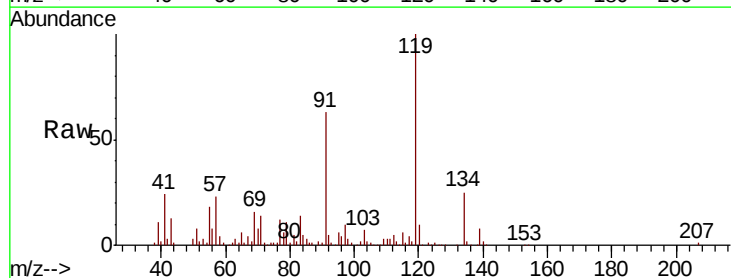
Tgt Ion: 119 Resp: 121128

Ion Ratio Lower Upper

119 100

91 65.6 30.8 92.3

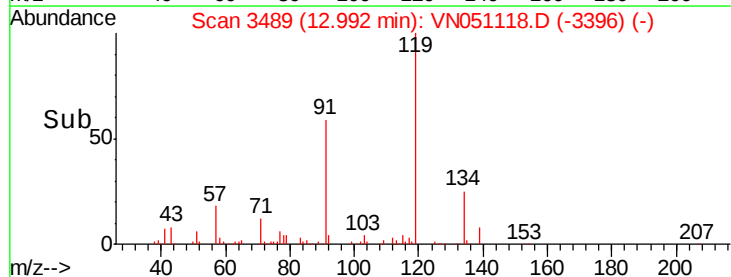
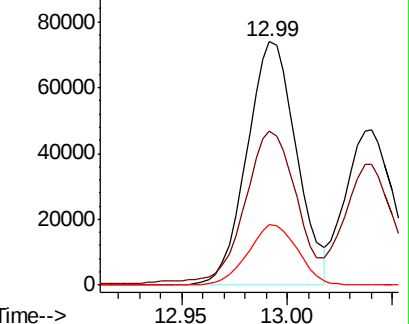
134 24.8 13.2 39.6

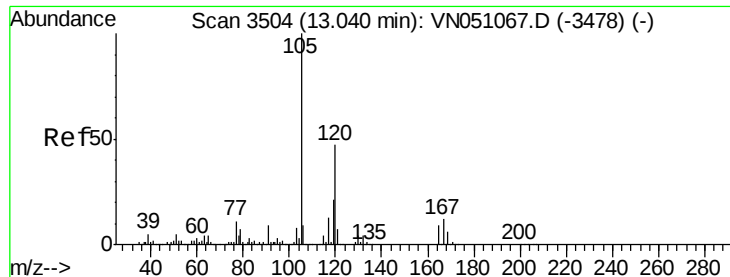


Abundance Ion 119.00 (118.70 to 119.70): VN051118.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN051118.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN051118.D (-3396) (-)





#84

1,2,4-Trimethylbenzene

Concen: 23.69 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

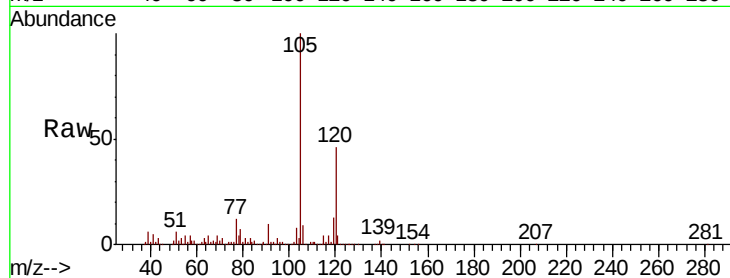
EP1-MW-ADL

Tot Ion:105 Resp: 590786

Ion Ratio Lower Upper

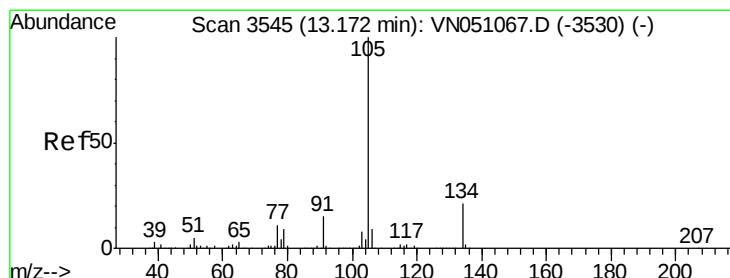
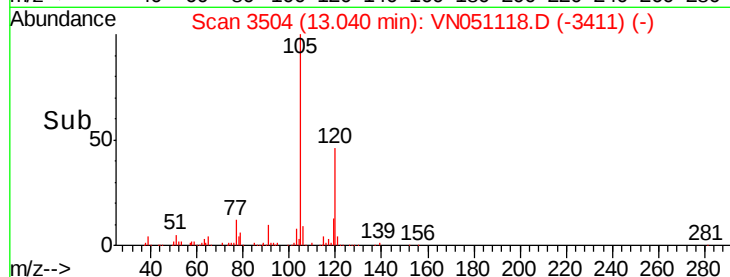
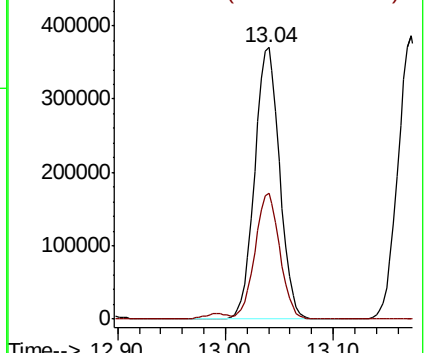
105 100

120 46.4 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 21.49 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051118.D

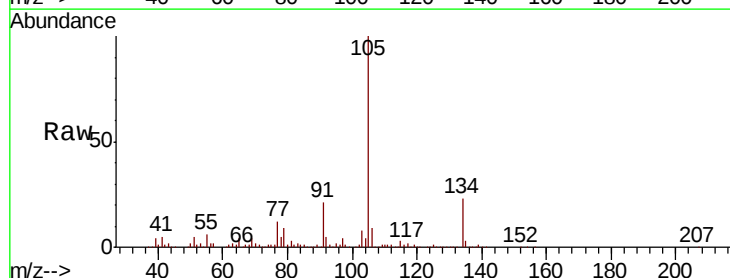
Acq: 11 Sep 2018 11:30

Tgt Ion:105 Resp: 617080

Ion Ratio Lower Upper

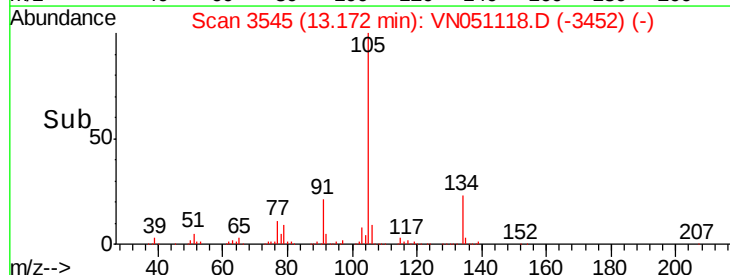
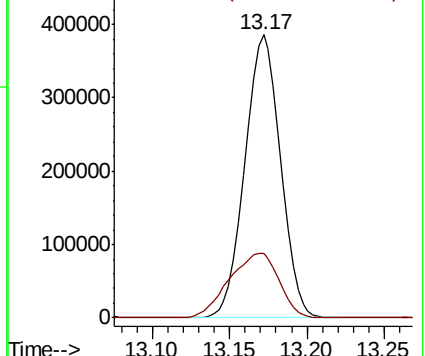
105 100

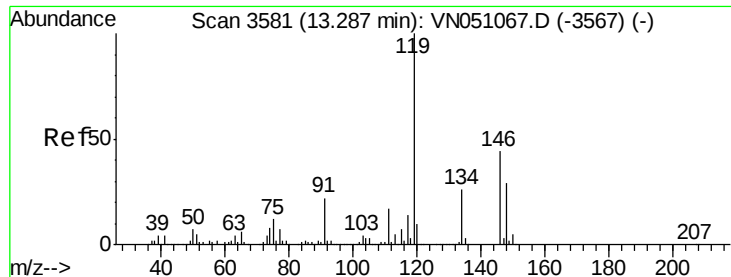
134 32.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

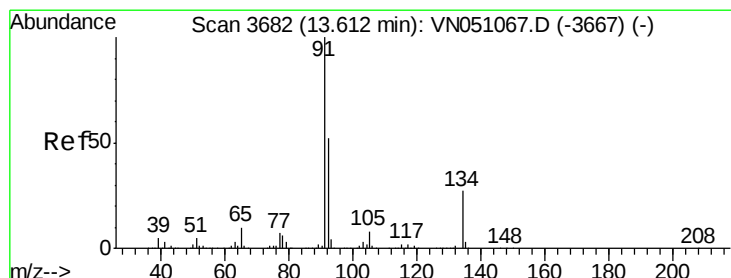
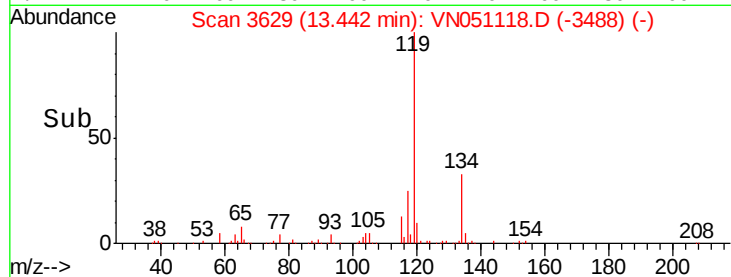
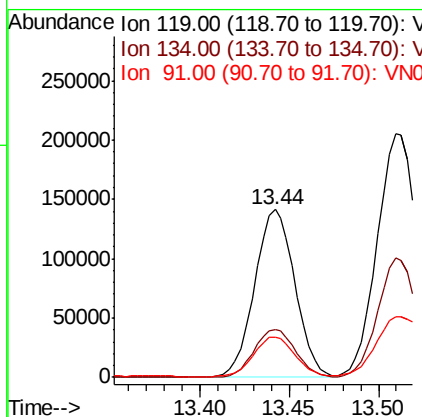
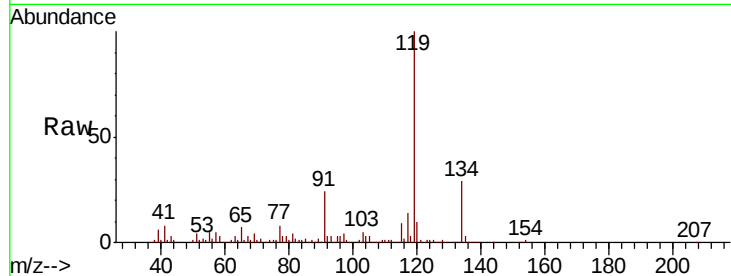




#86
 p-Isopropyltoluene
 Concen: 9.19 ug/l
 RT: 13.44 min Scan# 3629
 Delta R.T. 0.15 min
 Lab File: VN051118.D
 Acq: 11 Sep 2018 11:30

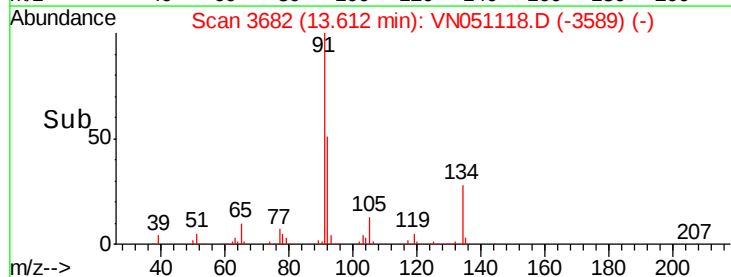
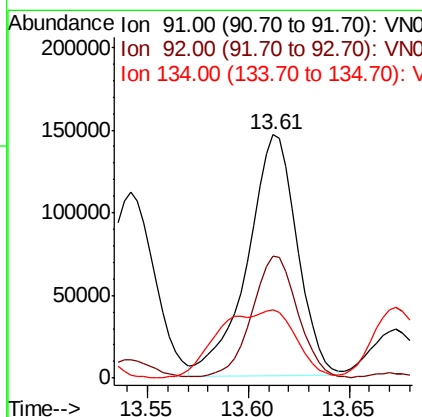
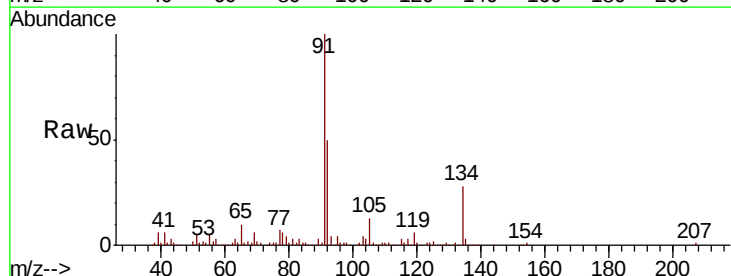
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-ADL

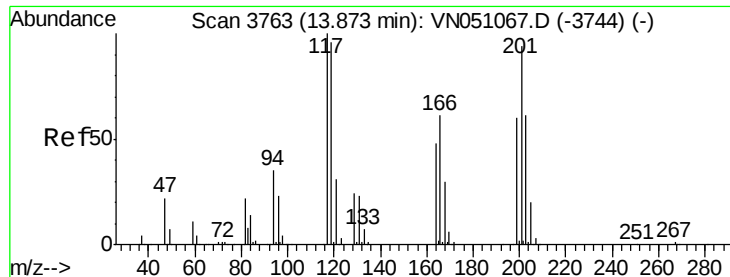
Tot Ion: 119 Resp: 223674
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.5 40.4
 91 24.2 10.9 32.9



#89
 n-Butylbenzene
 Concen: 13.16 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN051118.D
 Acq: 11 Sep 2018 11:30

Tgt Ion: 91 Resp: 249498
 Ion Ratio Lower Upper
 91 100
 92 47.3 26.2 78.6
 134 44.5 13.7 41.1#





#90

Hexachloroethane

Concen: 19.24 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampled :

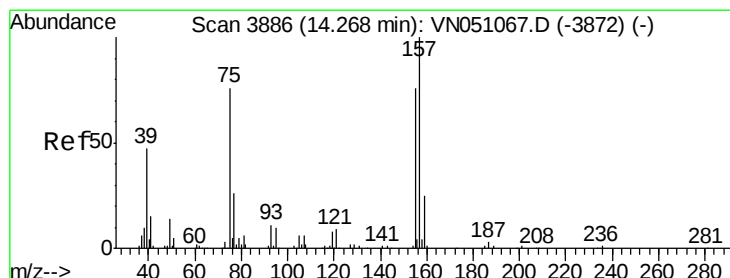
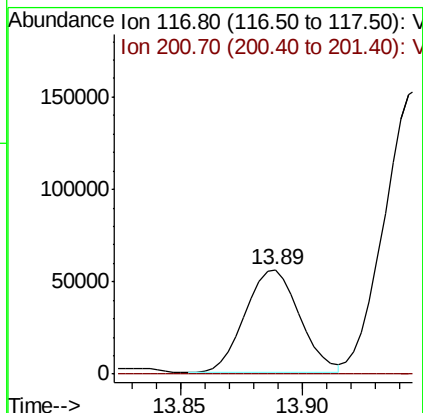
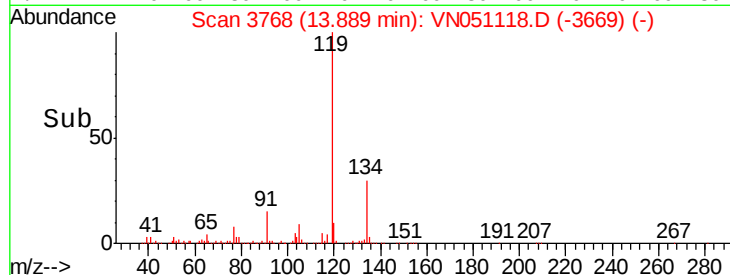
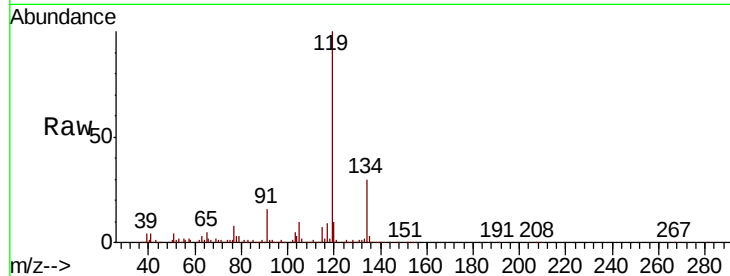
EP1-MW-ADL

Tot Ion:117 Resp: 86964

Ion Ratio Lower Upper

117 100

201 0.0 47.3 142.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.37 ug/l

RT: 14.21 min Scan# 3867

Delta R.T. -0.06 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

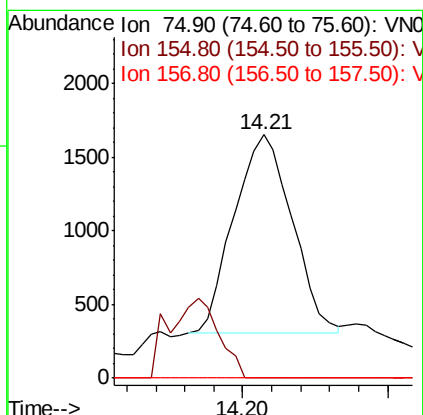
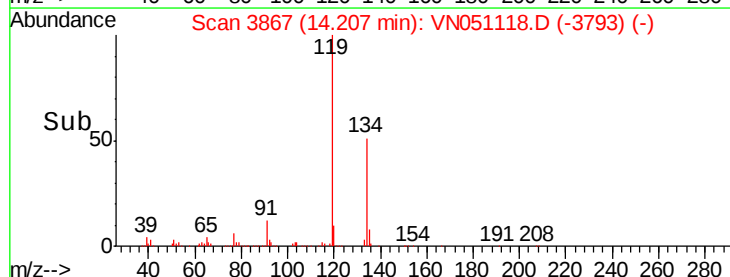
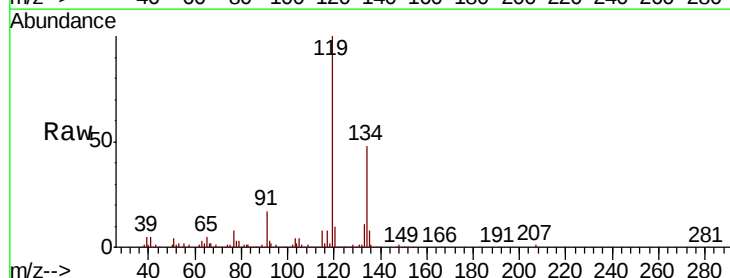
Tgt Ion: 75 Resp: 1865

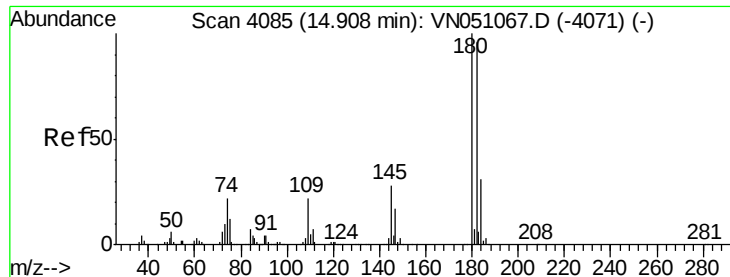
Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

157 0.0 63.6 190.9#





#93

1,2,4-Trichlorobenzene

Concen: 4.10 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-ADL

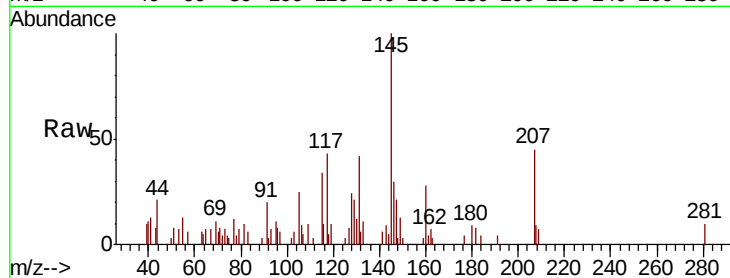
Tot Ion:180 Resp: 858

Ion Ratio Lower Upper

180 100

182 72.7 47.3 141.8

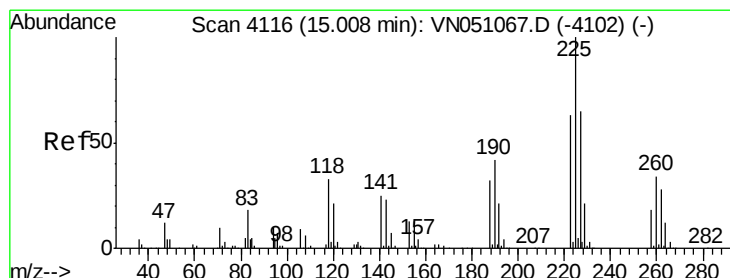
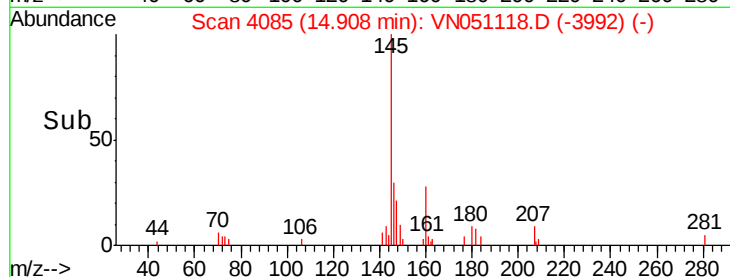
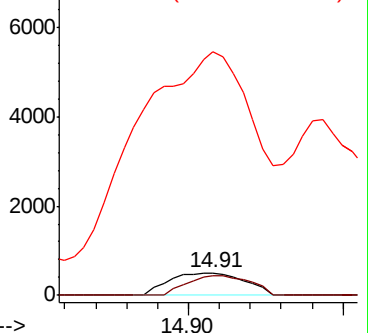
145 1772.3 14.2 42.6#



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: Below Cal

RT: 15.00 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

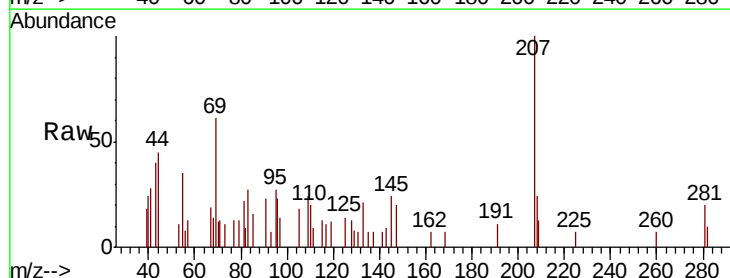
Tgt Ion:225 Resp: 91

Ion Ratio Lower Upper

225 100

223 0.0 31.4 94.0#

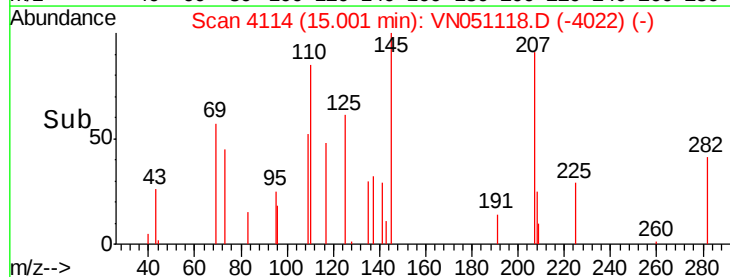
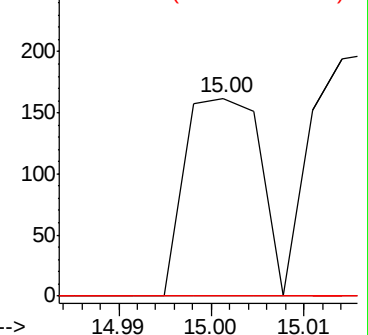
227 0.0 32.1 96.3#

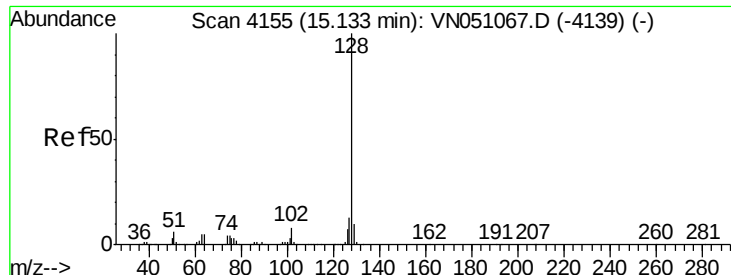


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 6.83 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-ADL

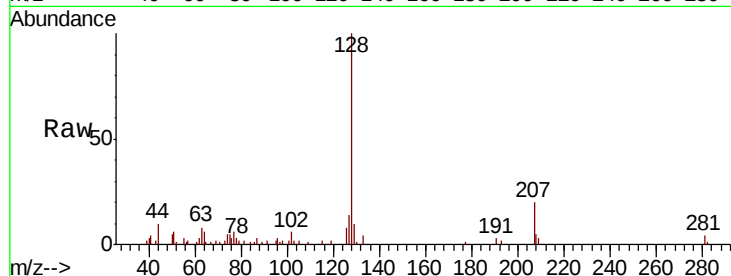
Tot Ion:128 Resp: 23510

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

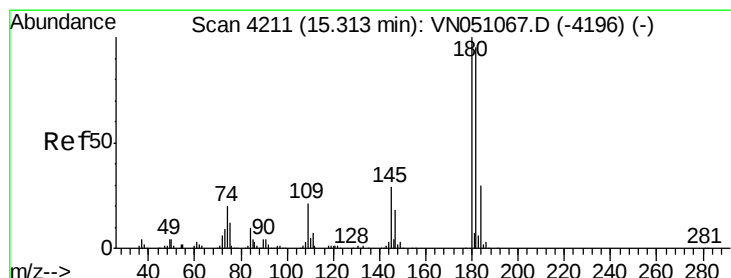
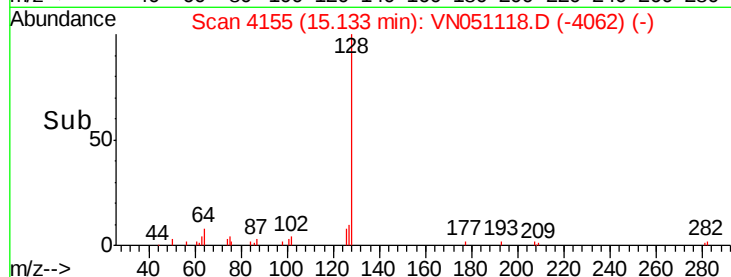
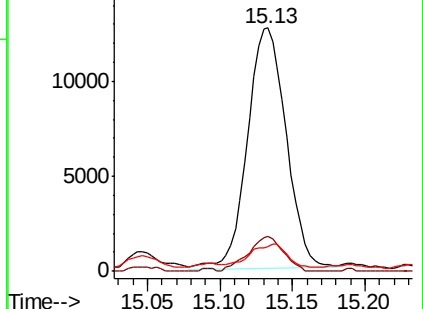
129 9.0 8.6 12.8



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: 3.05 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN051118.D

Acq: 11 Sep 2018 11:30

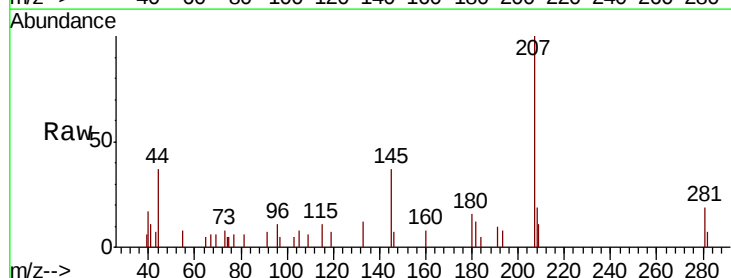
Tgt Ion:180 Resp: 728

Ion Ratio Lower Upper

180 100

182 95.5 47.8 143.3

145 0.0 14.6 43.8#



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

