

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051139.D
 Acq On : 12 Sep 2018 9:30
 Operator : MD\SY
 Sample : VN0912MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912MBL01

Quant Time: Sep 13 07:15:25 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	605353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	920830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	805472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	259589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	373963	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
35) Dibromofluoromethane	7.59	113	363728	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
50) Toluene-d8	10.09	98	1294620	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.40	95	346192	39.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.72%	

Target Compounds

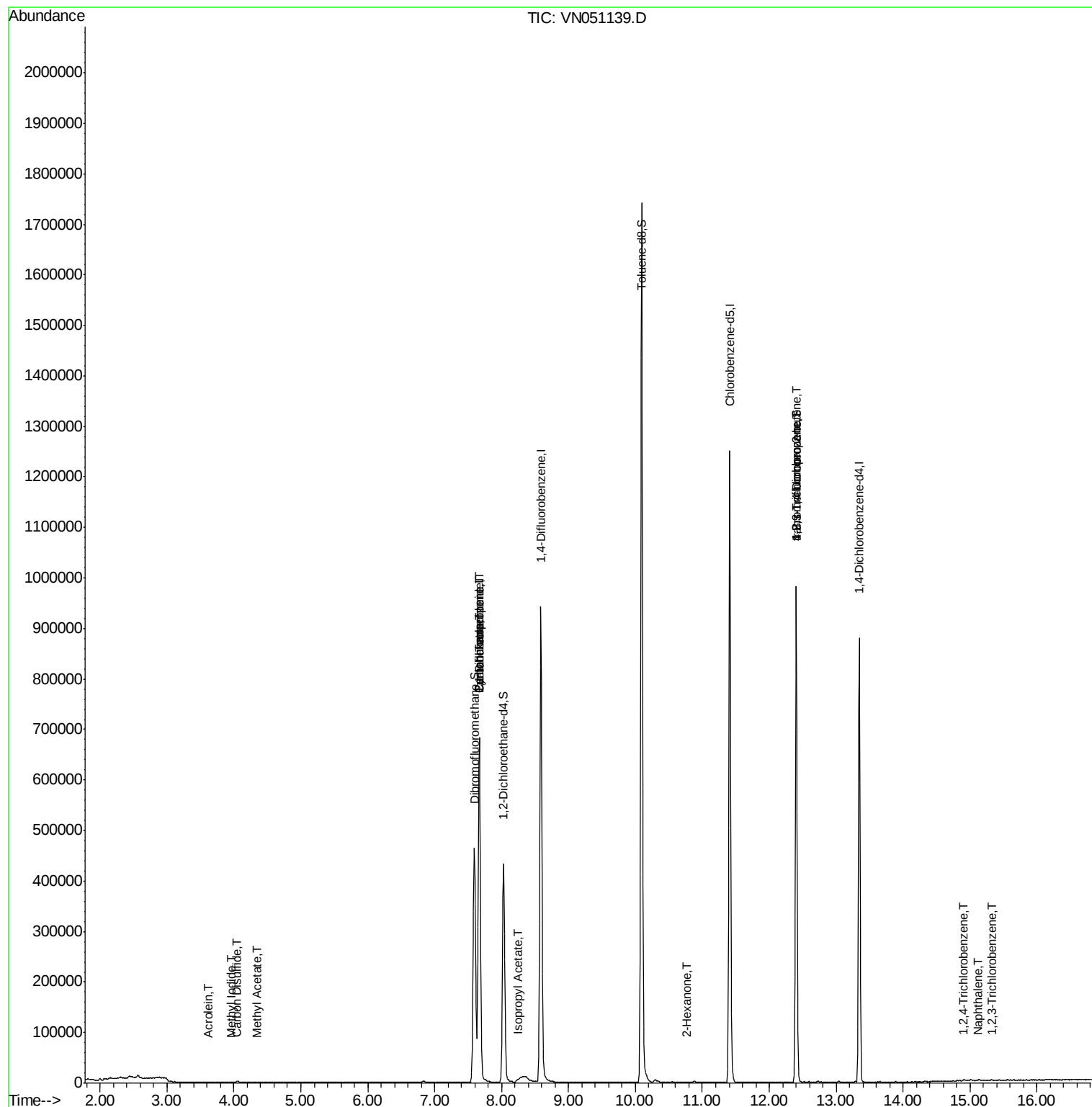
						Qvalue
3) Chloromethane	2.06	50	2765	Below Cal	#	84
5) Bromomethane	2.57	94	3135	Below Cal	#	80
10) Methyl Iodide	3.96	142	660	5.72	ug/l	# 55
13) Acrolein	3.61	56	59	24.37	ug/l	# 13
16) Acetone	3.83	43	837	Below Cal	#	40
17) Carbon Disulfide	4.05	76	4113	0.33	ug/l	99
18) Methyl Acetate	4.34	43	1321	0.24	ug/l	# 64
31) Cyclohexane	7.67	56	9562	0.64	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	38912	3.85	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	51835	5.21	ug/l	# 18
43) Isopropyl Acetate	8.25	43	4209	0.41	ug/l	# 50
59) 2-Hexanone	10.76	43	1433	0.37	ug/l	# 44
75) 1,1,2,2-Tetrachloroethane	12.50	83	63	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	156584	38.57	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	156584	114.56	ug/l	# 15
93) 1,2,4-Trichlorobenzene	14.91	180	550	4.09	ug/l	# 81
94) Hexachlorobutadiene	15.01	225	900	Below Cal		84
95) Naphthalene	15.13	128	2223	5.54	ug/l	# 75
96) 1,2,3-Trichlorobenzene	15.31	180	929	3.14	ug/l	94

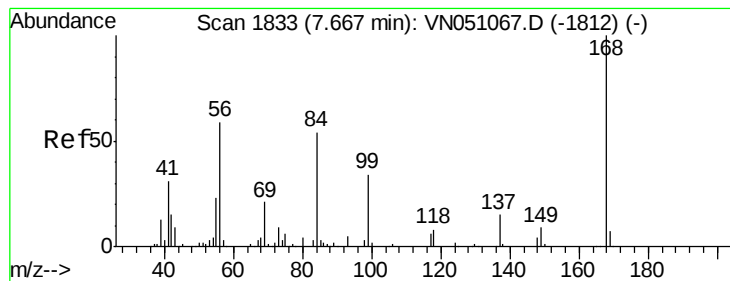
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091218\
Data File : VN051139.D
Acq On : 12 Sep 2018 9:30
Operator : MD\SY
Sample : VN0912MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Sep 13 07:15:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051139.D

Acq: 12 Sep 2018 9:30

Instrument :

MSVOA_N

ClientSampleId :

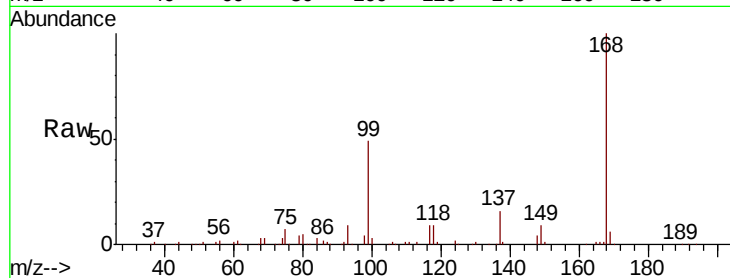
VN0912MBL01

Tot Ion:168 Resp: 605353

Ion Ratio Lower Upper

168 100

99 49.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

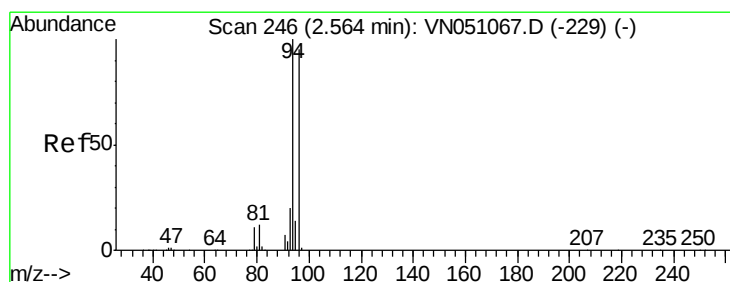
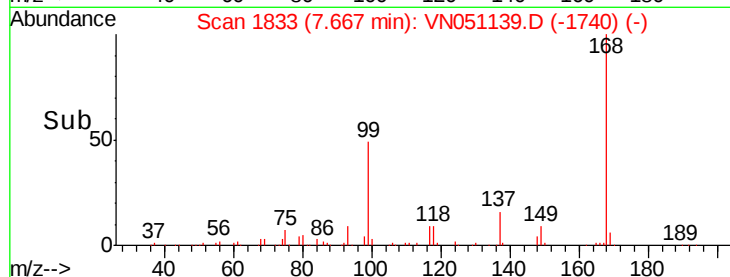
100000

50000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051139.D

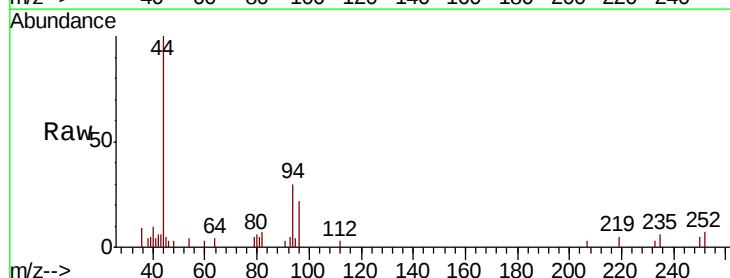
Acq: 12 Sep 2018 9:30

Tgt Ion: 94 Resp: 3135

Ion Ratio Lower Upper

94 100

96 75.4 75.9 113.9#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.57

1500

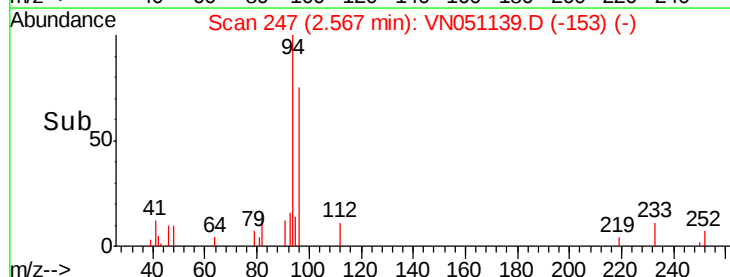
1000

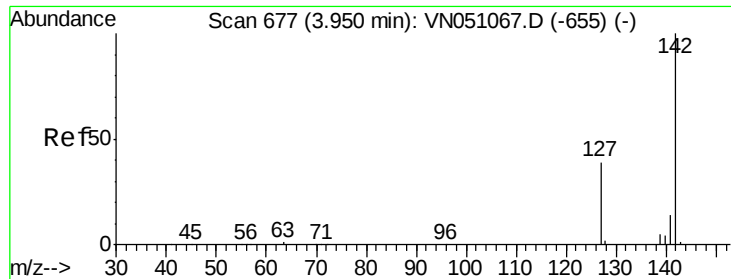
500

0

2.50 2.55 2.60

Time-->

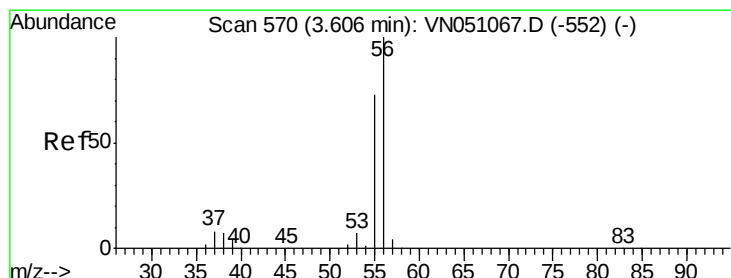
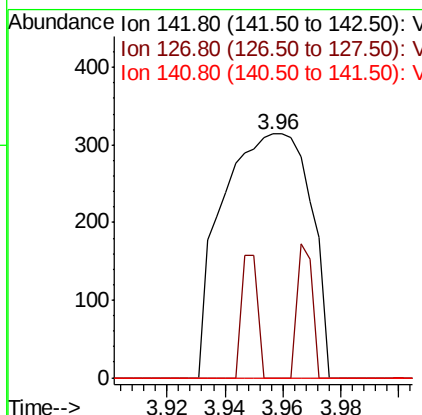
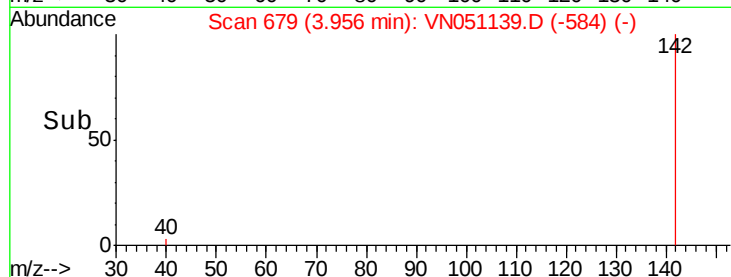
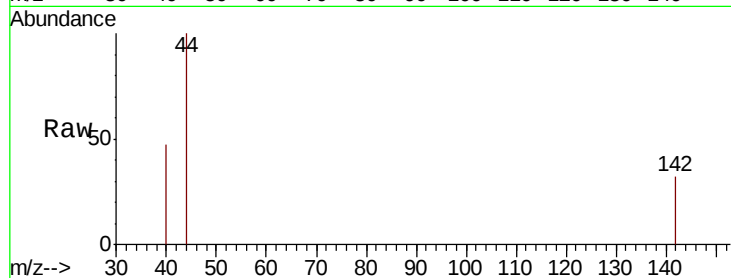




#10
Methvl Iodide
Concen: 5.72 ug/l
RT: 3.96 min Scan# 679
Delta R.T. 0.01 min
Lab File: VN051139.D
Acq: 12 Sep 2018 9:30

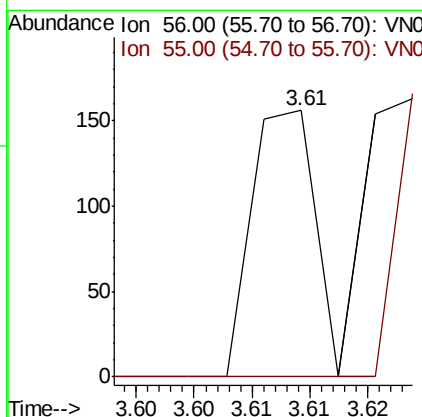
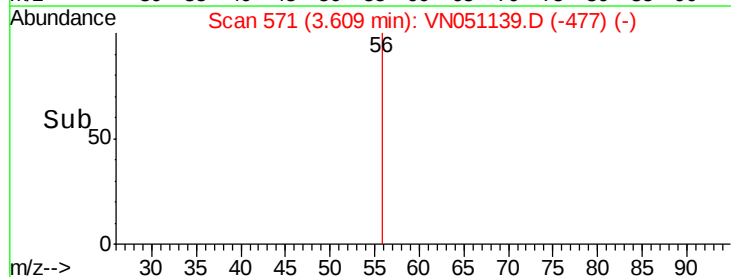
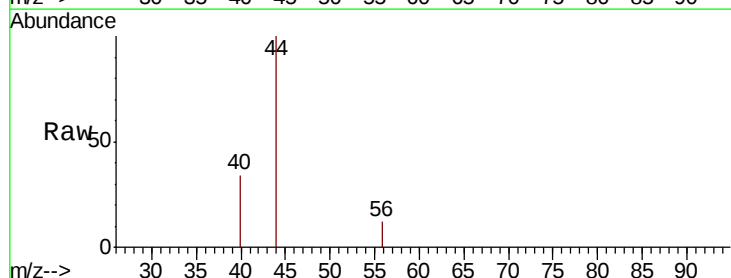
Instrument :
MSVOA_N
ClientSampleId :
VN0912MBL01

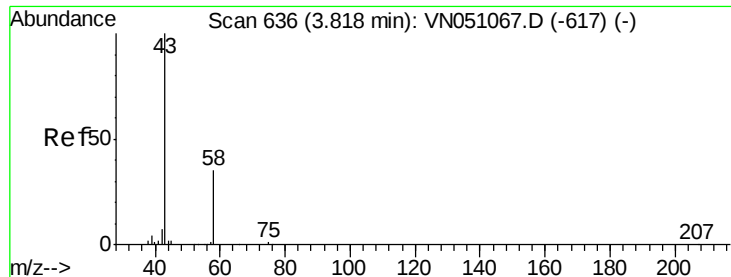
Tot Ion:142 Resp: 660
Ion Ratio Lower Upper
142 100
127 9.2 31.0 46.4#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 24.37 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN051139.D
Acq: 12 Sep 2018 9:30

Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 58.0 87.0#





#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051139.D

Acq: 12 Sep 2018 9:30

Instrument :

MSVOA_N

ClientSampleId :

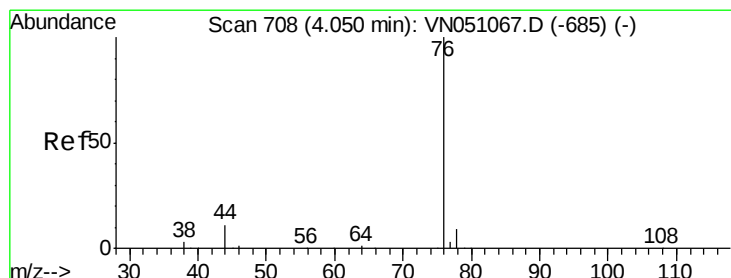
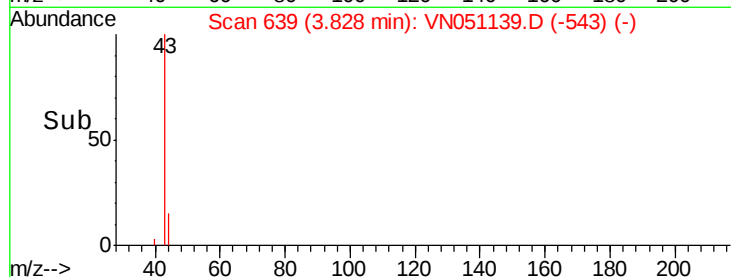
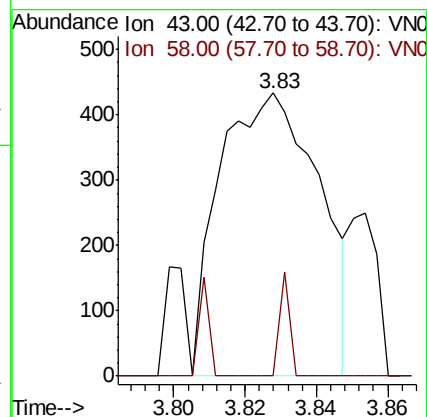
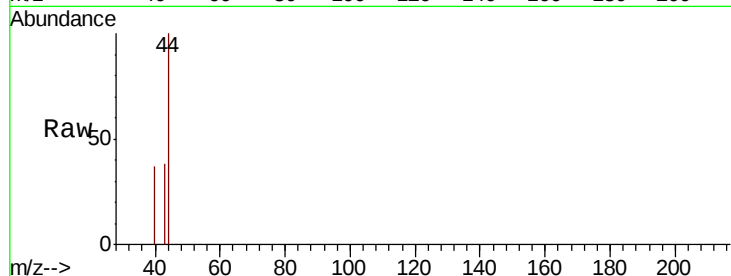
VN0912MBL01

Tot Ion: 43 Resp: 837

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.6#



#17

Carbon Disulfide

Concen: 0.33 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN051139.D

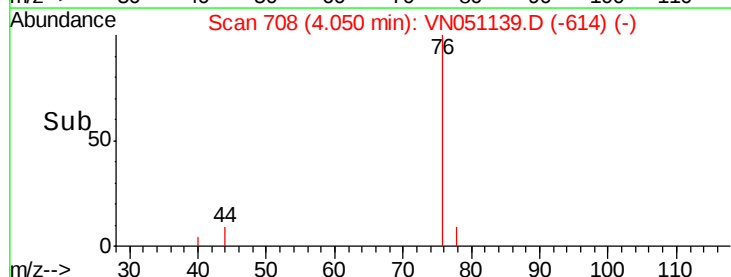
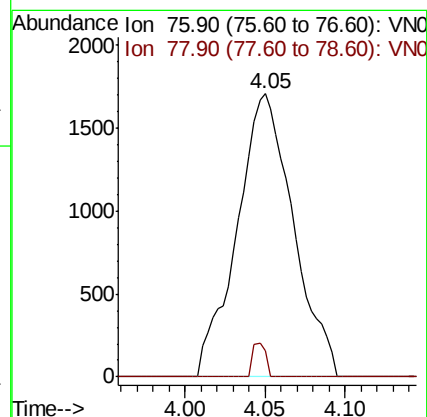
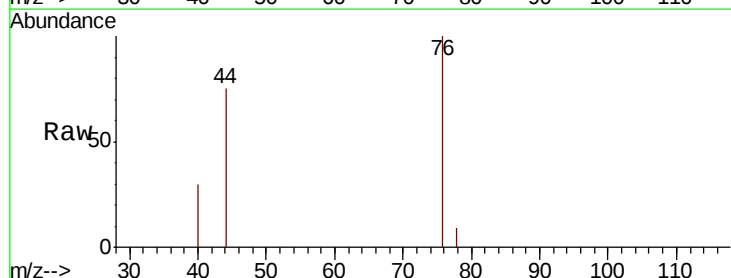
Acq: 12 Sep 2018 9:30

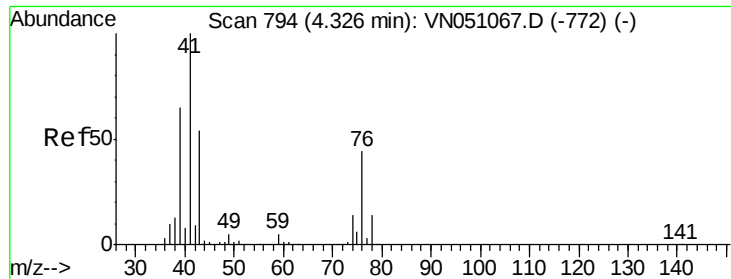
Tgt Ion: 76 Resp: 4113

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

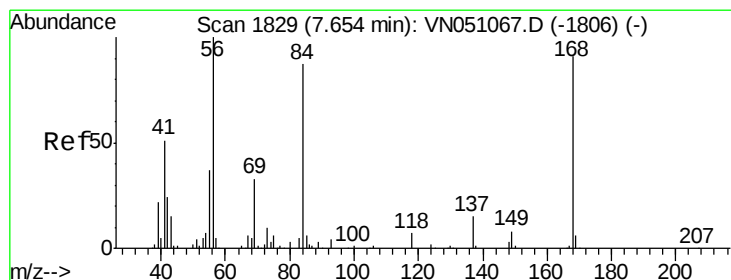
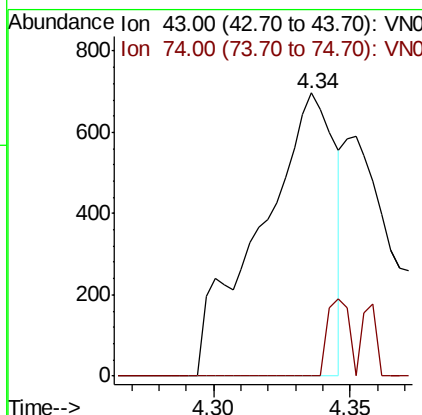
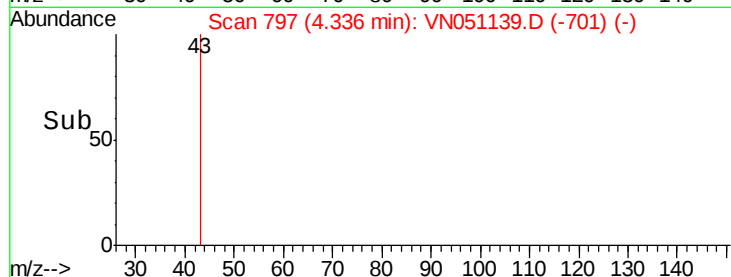
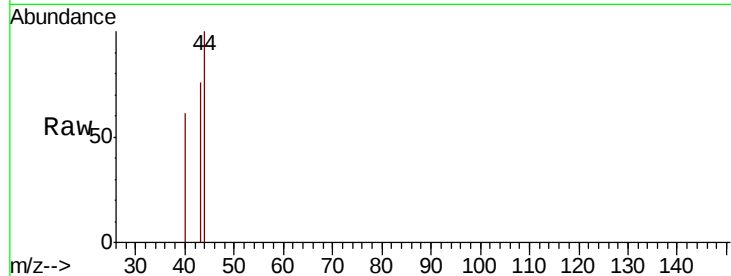




#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051139.D
Acq: 12 Sep 2018 9:30

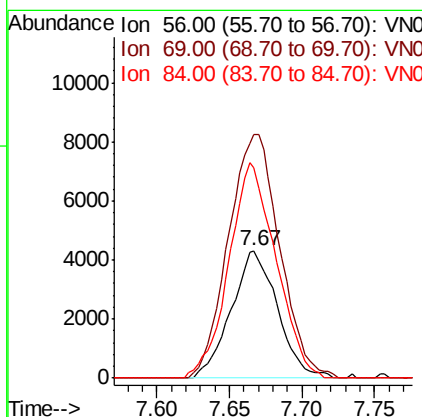
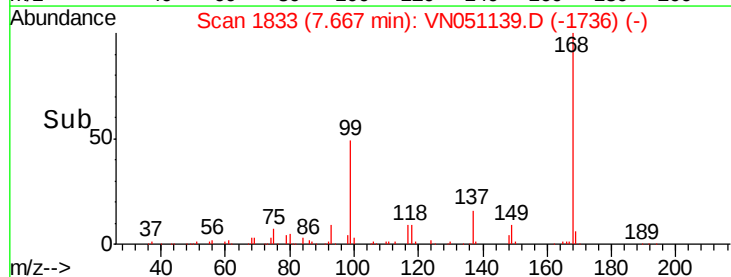
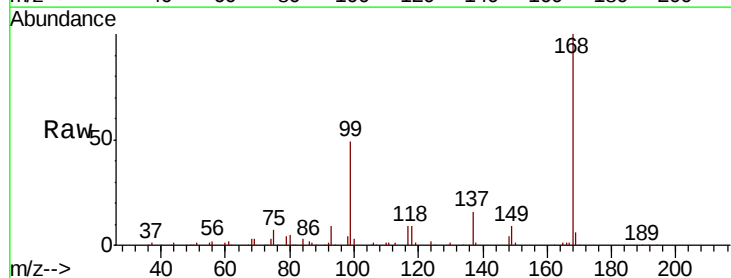
Instrument :
MSVOA_N
ClientSampleId :
VN0912MBL01

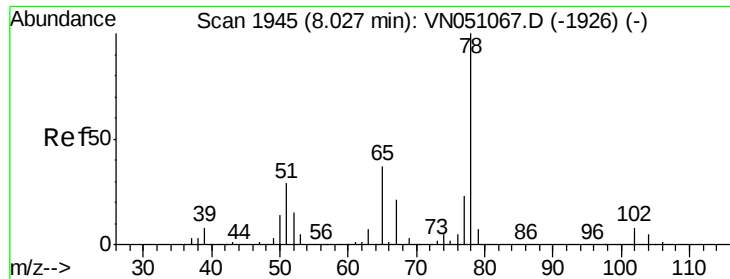
Tot Ion: 43 Resp: 1321
Ion Ratio Lower Upper
43 100
74 7.6 20.7 31.1#



#31
Cyclohexane
Concen: 0.64 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051139.D
Acq: 12 Sep 2018 9:30

Tgt Ion: 56 Resp: 9562
Ion Ratio Lower Upper
56 100
69 191.1 26.3 39.5#
84 165.5 69.4 104.0#

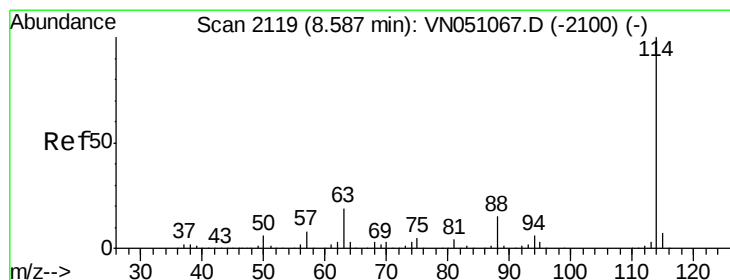
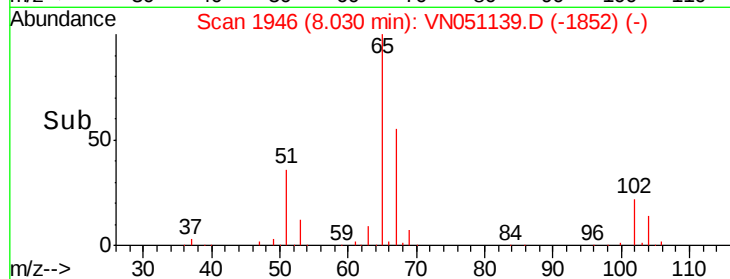
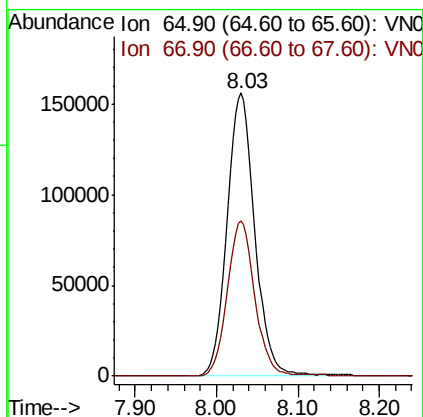
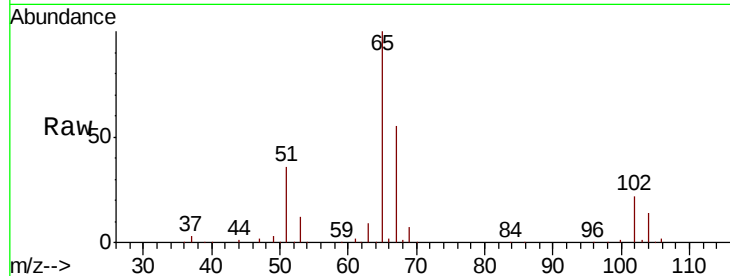




#33
 1,2-Dichloroethane-d4
 Concen: 55.51 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051139.D
 Acq: 12 Sep 2018 9:30

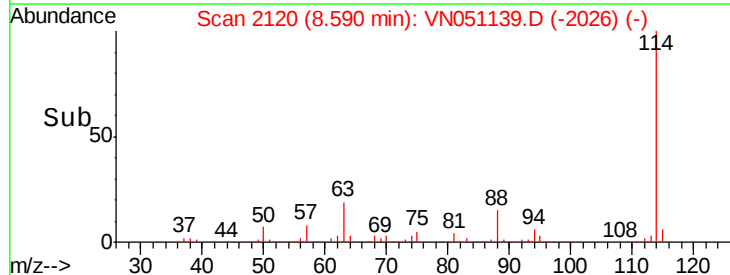
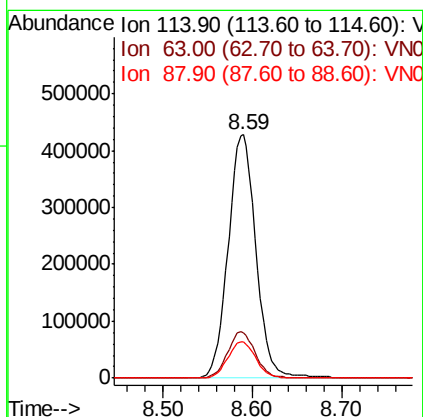
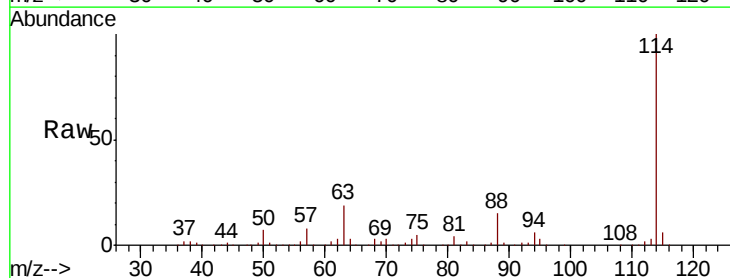
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912MBL01

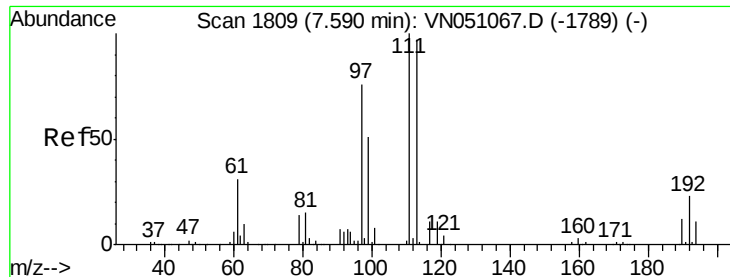
Tot Ion: 65 Resp: 373963
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051139.D
 Acq: 12 Sep 2018 9:30

Tgt Ion: 114 Resp: 920830
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.8
 88 14.9 0.0 30.8

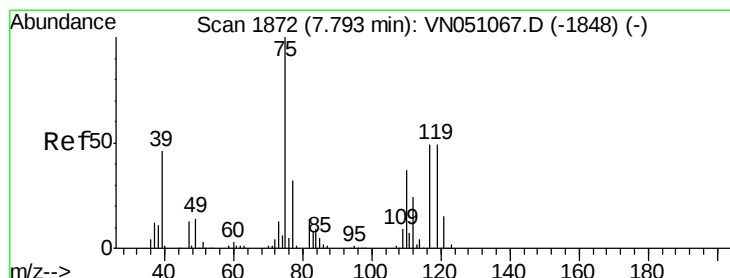
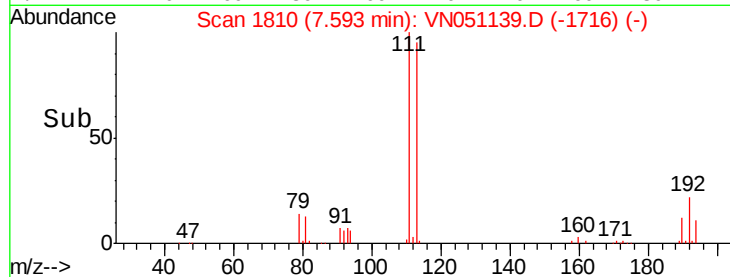
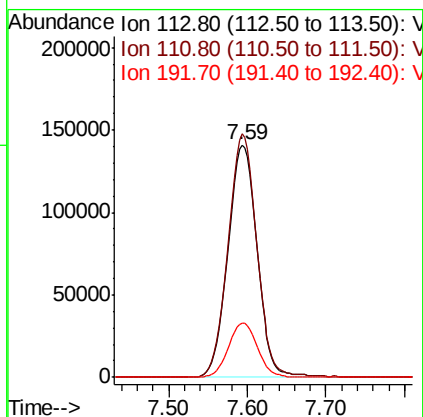
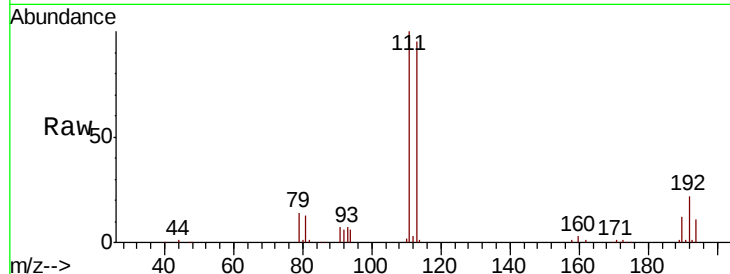




#35
 Dibromofluoromethane
 Concen: 52.57 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051139.D
 Acq: 12 Sep 2018 9:30

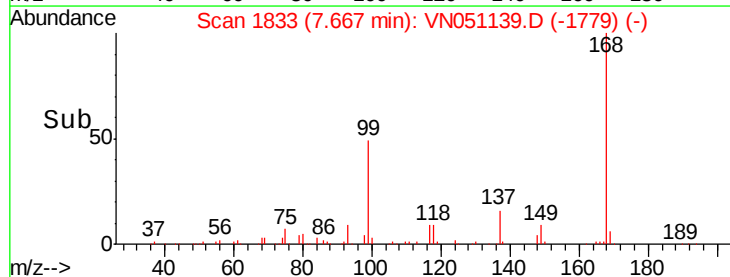
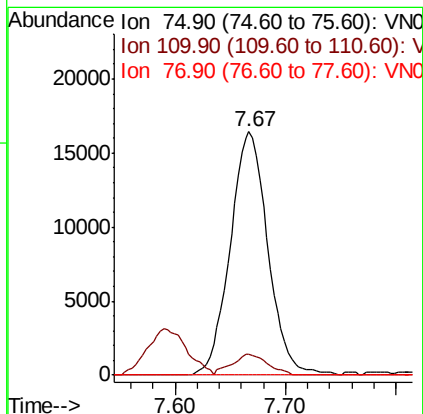
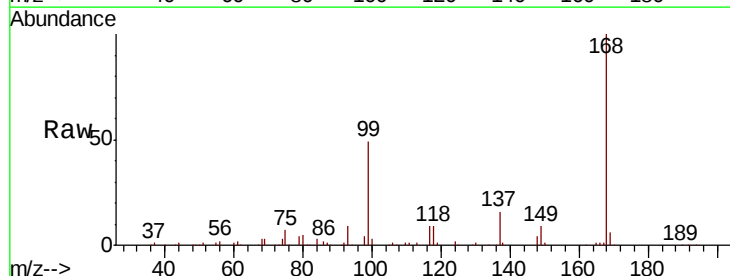
Instrument :
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 VN0912MBL01

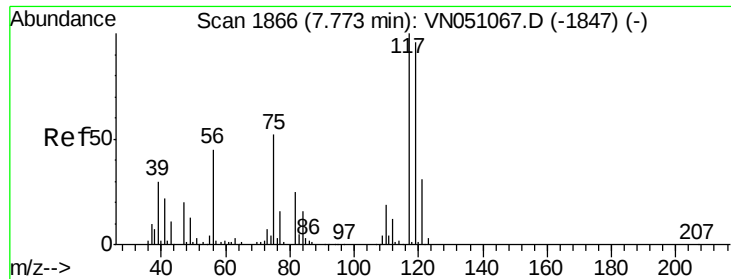
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.6
192	23.2	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 3.85 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051139.D
 Acq: 12 Sep 2018 9:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.6	55.8#
77	0.0	25.2	37.8#





#38

Carbon Tetrachloride

Concen: 5.21 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051139.D

Acq: 12 Sep 2018 9:30

Instrument :

MSVOA_N

ClientSampled :

VN0912MBL01

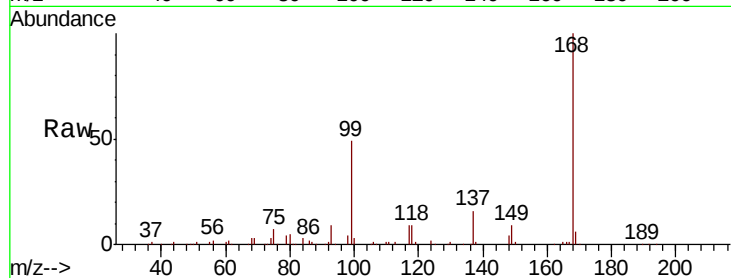
Tot Ion:117 Resp: 51835

Ion Ratio Lower Upper

117 100

119 7.2 76.8 115.2#

121 0.0 24.6 36.8#

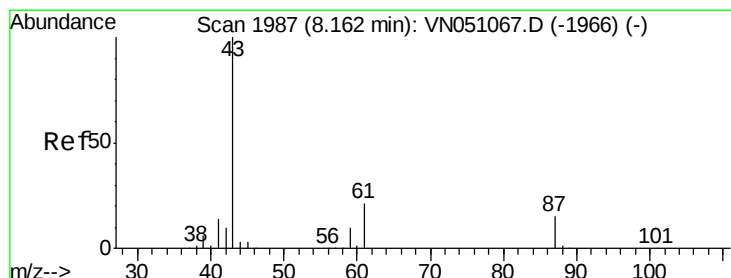
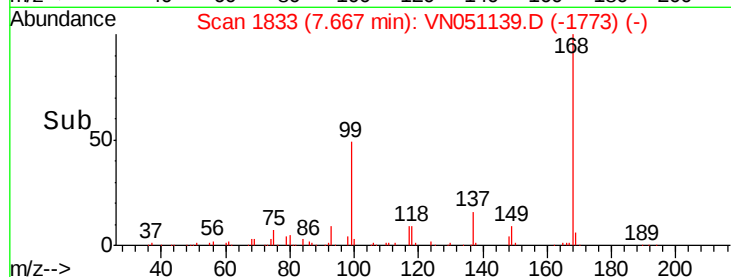
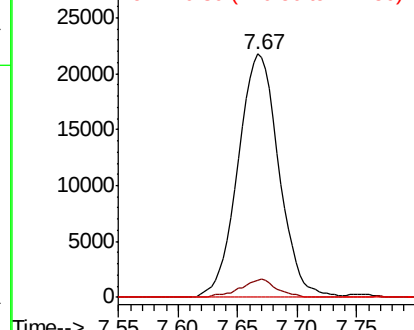


Abundance

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: 0.41 ug/l

RT: 8.25 min Scan# 2015

Delta R.T. 0.09 min

Lab File: VN051139.D

Acq: 12 Sep 2018 9:30

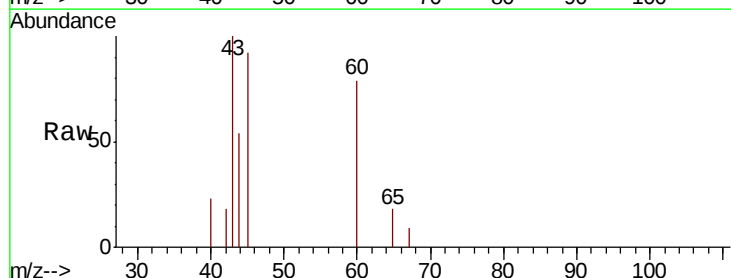
Tgt Ion: 43 Resp: 4209

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

87 0.0 11.8 17.8#

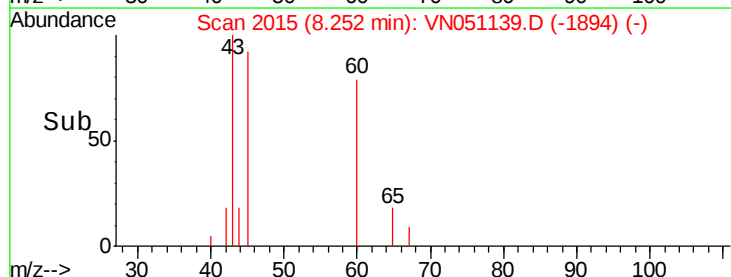
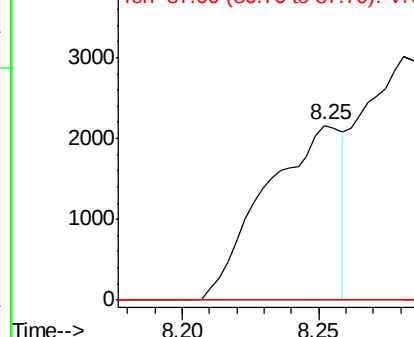


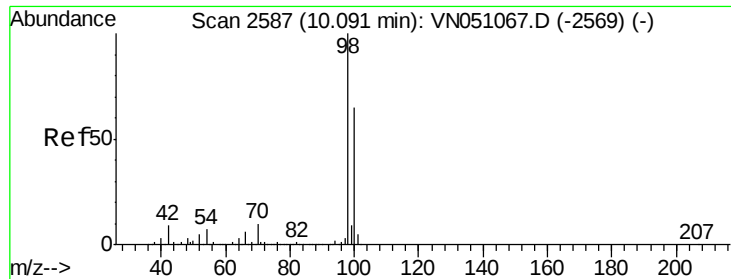
Abundance

Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.31 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051139.D

Acq: 12 Sep 2018 9:30

Instrument :

MSVOA_N

ClientSampleId :

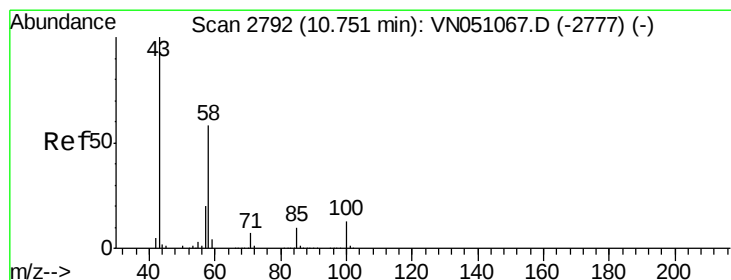
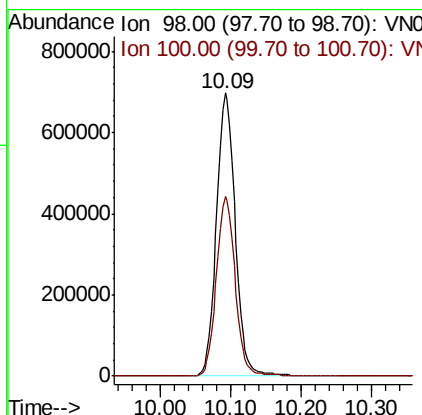
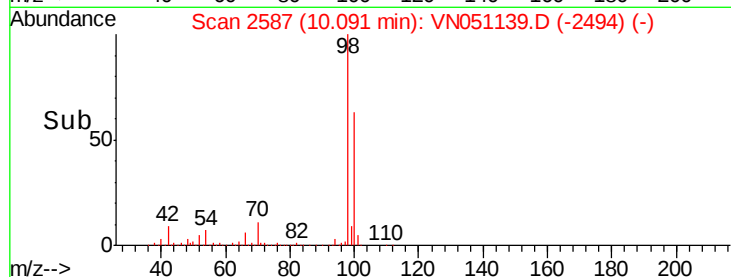
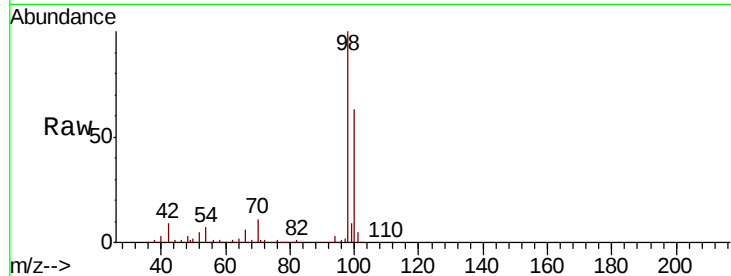
VN0912MBL01

Tot Ion: 98 Resp: 1294620

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#59

2-Hexanone

Concen: 0.37 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN051139.D

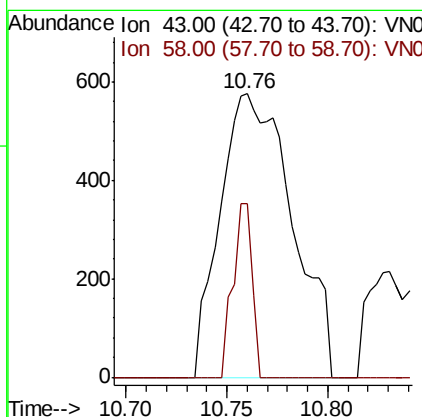
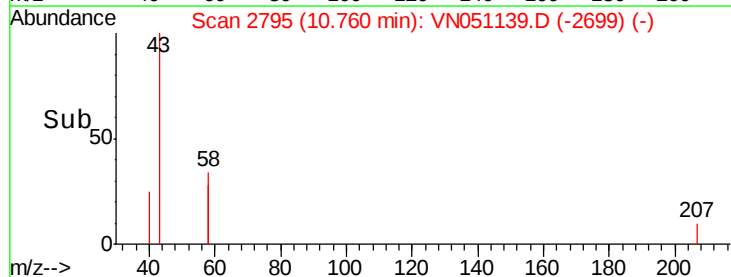
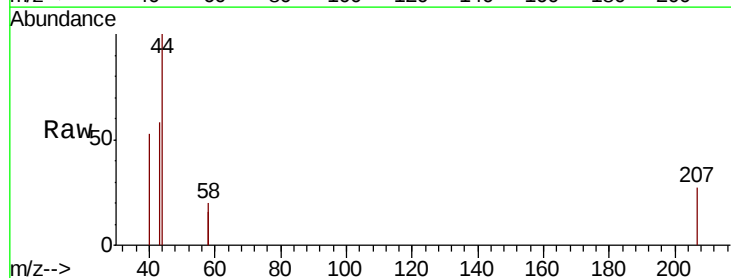
Acq: 12 Sep 2018 9:30

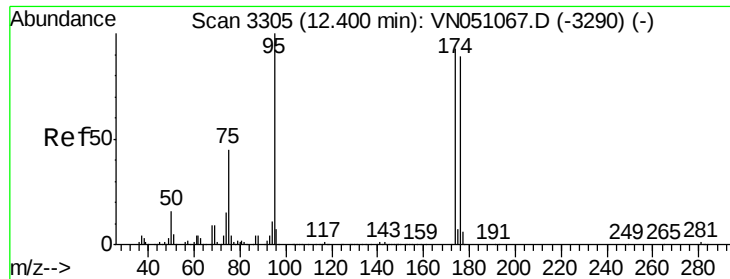
Tgt Ion: 43 Resp: 1433

Ion Ratio Lower Upper

43 100

58 16.5 29.3 88.0#





#62

4-Bromofluorobenzene

Concen: 39.86 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051139.D

Acq: 12 Sep 2018 9:30

Instrument :

MSVOA_N

ClientSampled :

VN0912MBL01

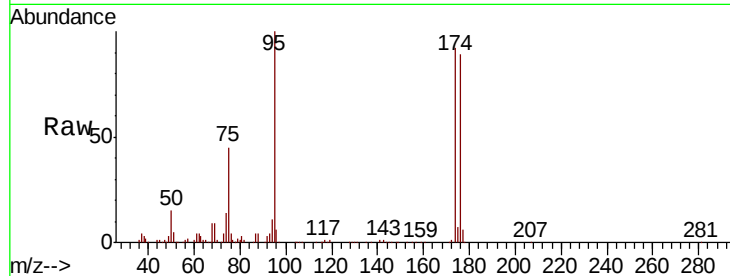
Tot Ion: 95 Resp: 346192

Ion Ratio Lower Upper

95 100

174 92.7 0.0 184.8

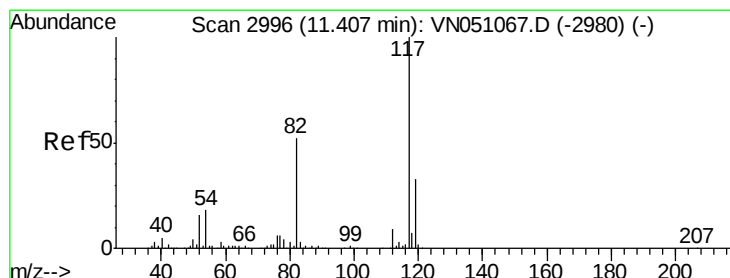
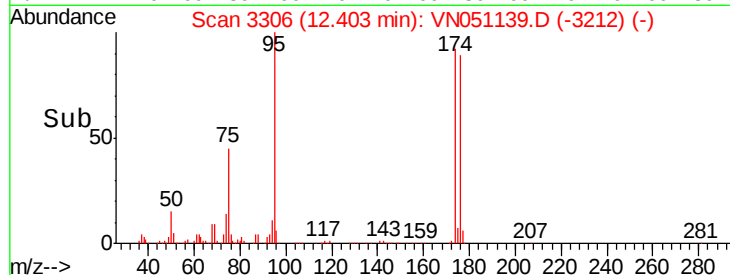
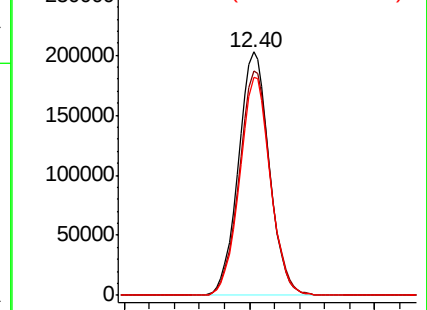
176 89.0 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051139.D

Acq: 12 Sep 2018 9:30

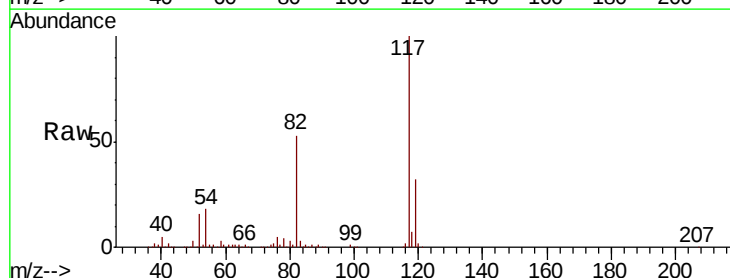
Tgt Ion: 117 Resp: 805472

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.6

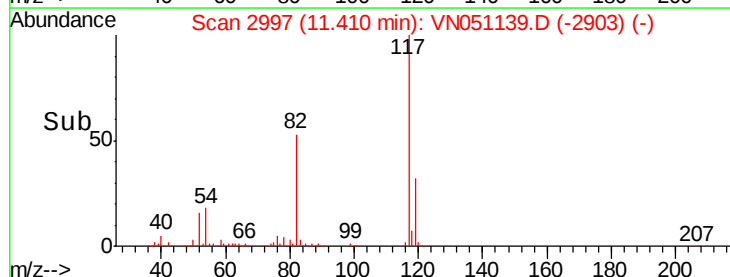
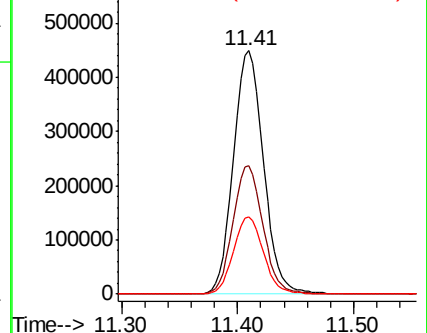
119 31.8 26.2 39.2

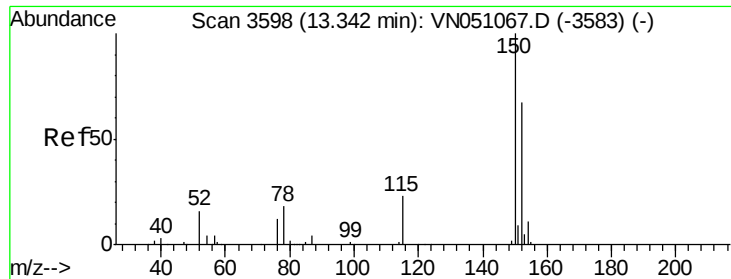


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051139.D

Acq: 12 Sep 2018 9:30

Instrument :

MSVOA_N

ClientSampleId :

VN0912MBL01

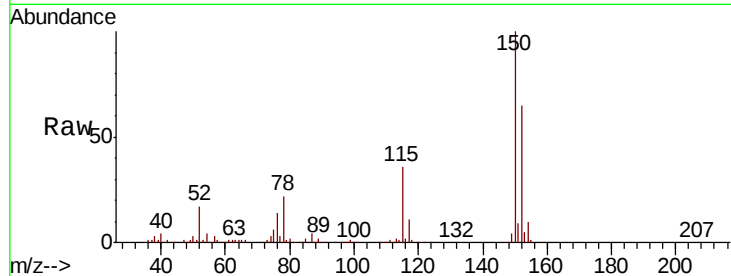
Tot Ion:152 Resp: 259589

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

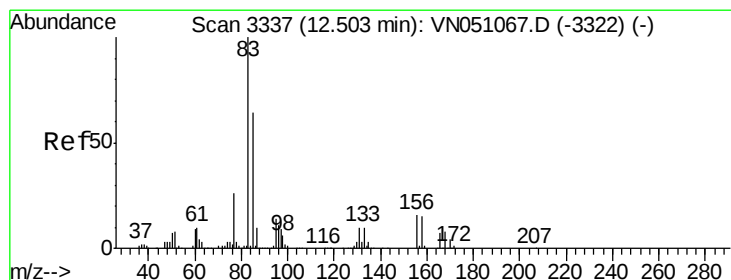
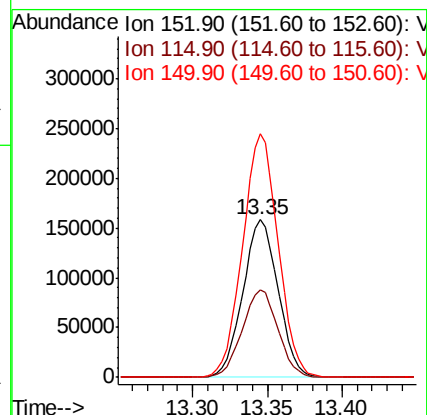
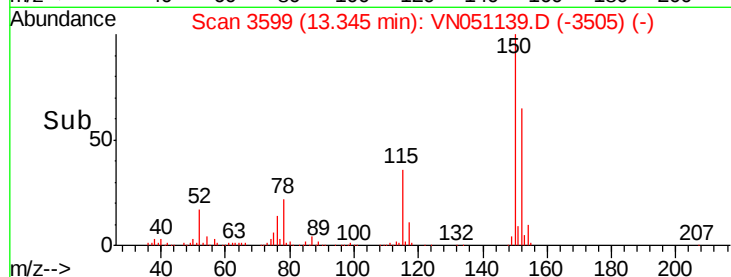
150 155.7 0.0 349.0



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN051139.D

Acq: 12 Sep 2018 9:30

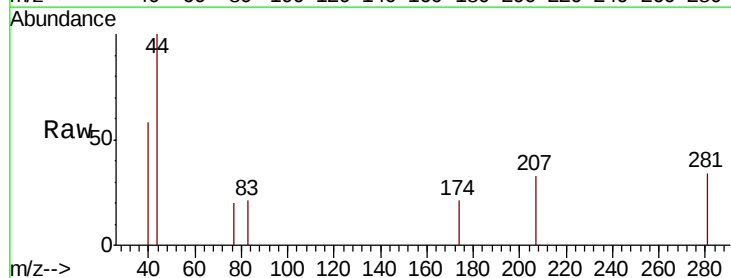
Tgt Ion: 83 Resp: 63

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

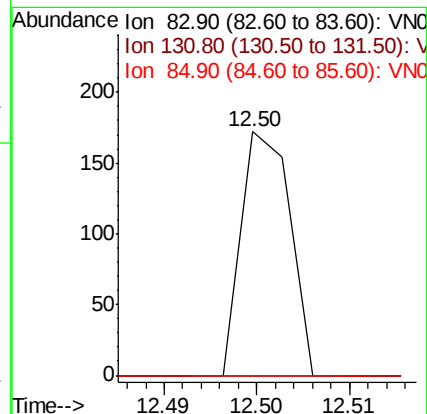
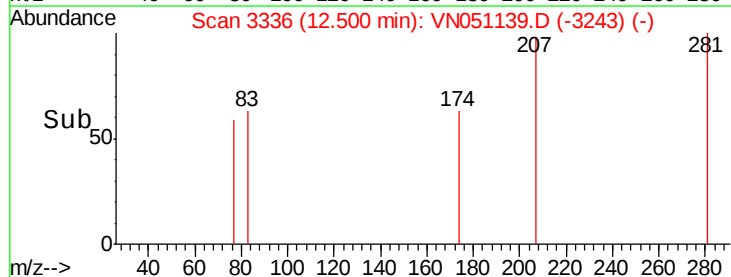
85 0.0 32.3 96.8#

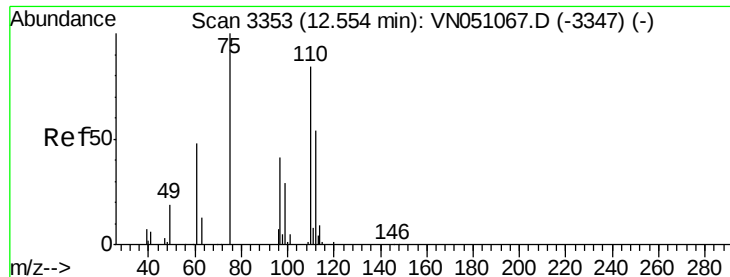


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VNO





#76

1,2,3-Trichloropropane

Concen: 38.57 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051139.D

Acq: 12 Sep 2018 9:30

Instrument :

MSVOA_N

ClientSampled :

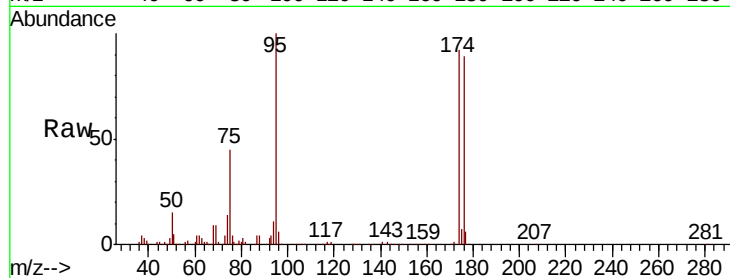
VN0912MBL01

Tot Ion: 75 Resp: 156584

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

12.40

100000

80000

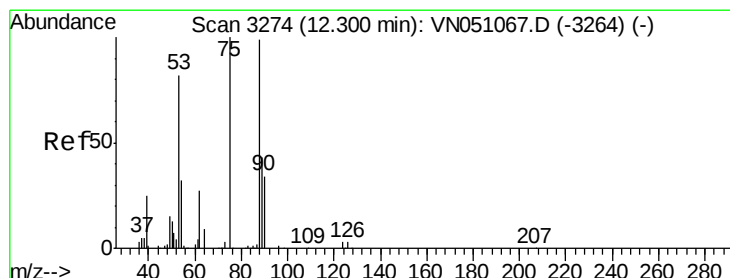
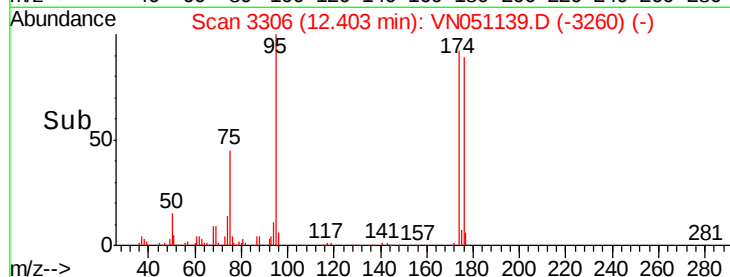
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 114.56 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051139.D

Acq: 12 Sep 2018 9:30

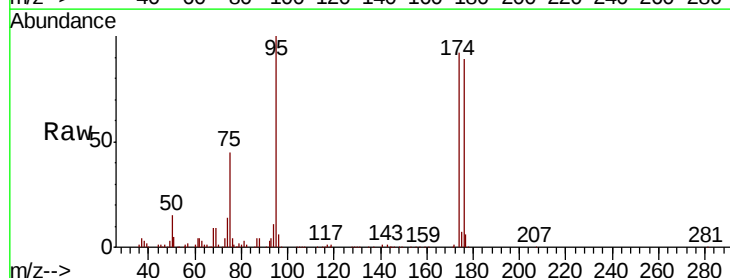
Tgt Ion: 75 Resp: 156584

Ion Ratio Lower Upper

75 100

53 0.2 67.8 101.8#

89 0.0 36.0 54.0#



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

120000

100000

80000

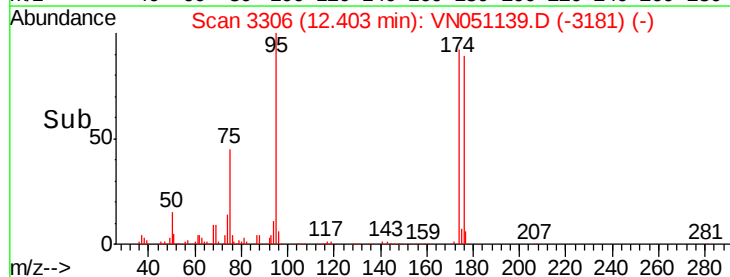
60000

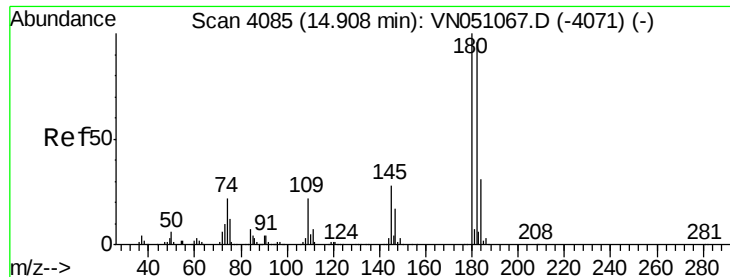
40000

20000

0

Time-->

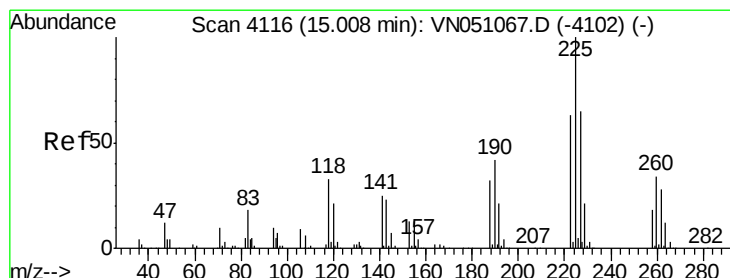
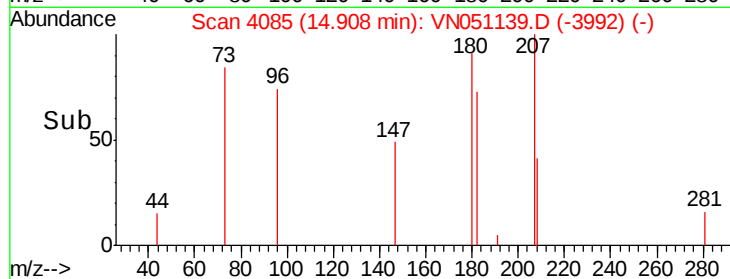
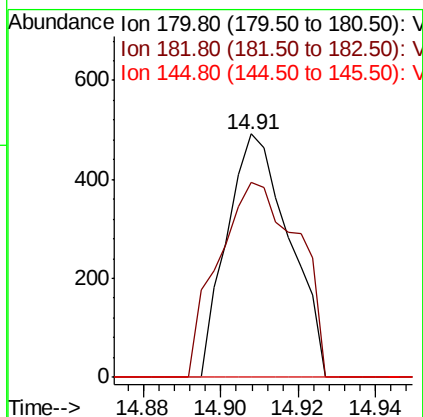
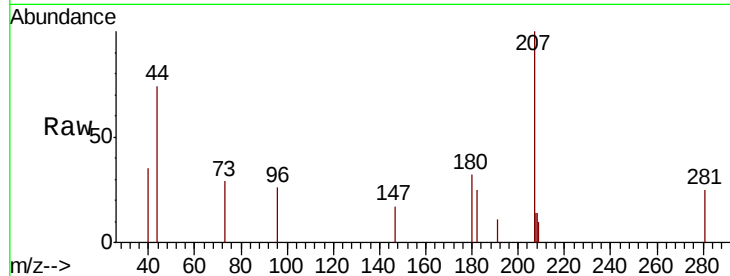




#93
 1,2,4-Trichlorobenzene
 Concen: 4.09 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051139.D
 Acq: 12 Sep 2018 9:30

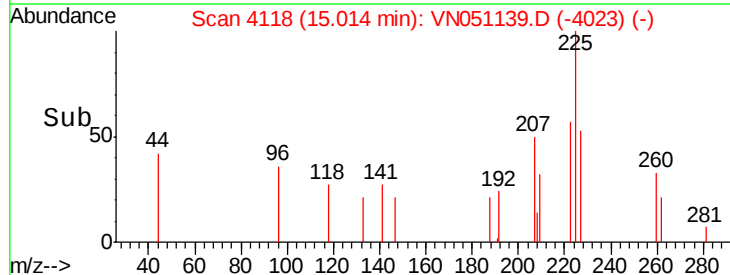
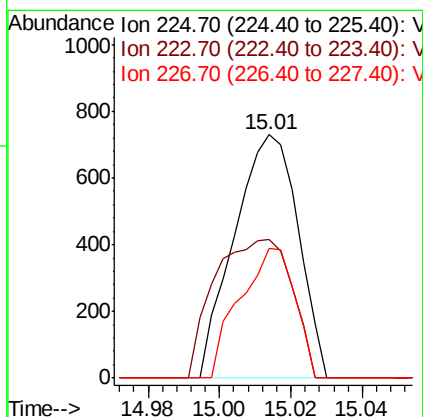
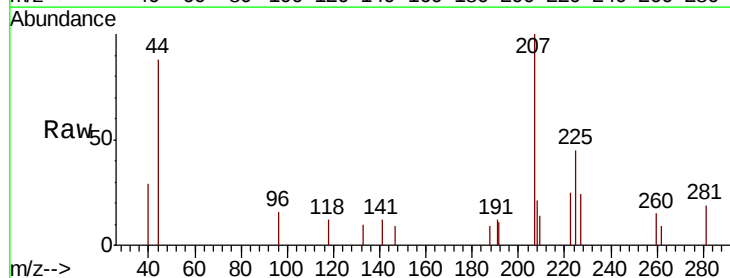
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912MBL01

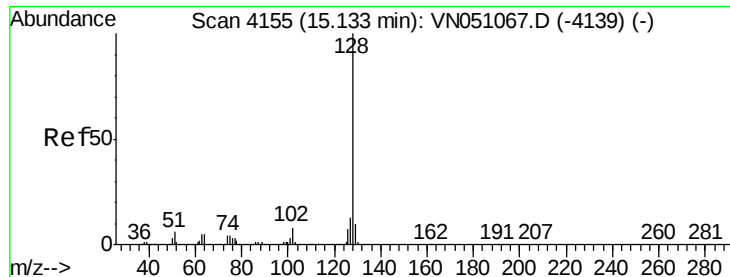
Tot Ion:180 Resp: 550
 Ion Ratio Lower Upper
 180 100
 182 102.5 47.3 141.8
 145 0.0 14.2 42.6#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.01 min
 Lab File: VN051139.D
 Acq: 12 Sep 2018 9:30

Tgt Ion:225 Resp: 900
 Ion Ratio Lower Upper
 225 100
 223 69.1 31.4 94.0
 227 46.3 32.1 96.3





#95

Naphthalene

Concen: 5.54 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051139.D

Acq: 12 Sep 2018 9:30

Instrument :

MSVOA_N

ClientSampleId :

VN0912MBL01

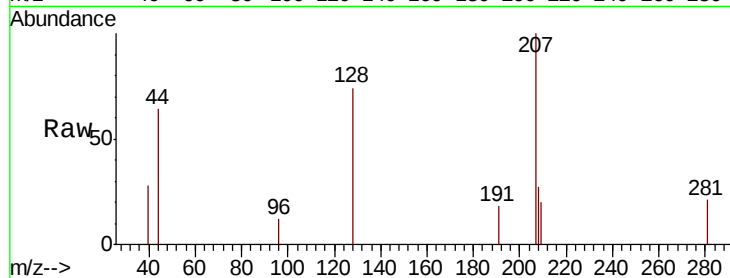
Tot Ion:128 Resp: 2223

Ion Ratio Lower Upper

128 100

127 1.4 10.6 15.8#

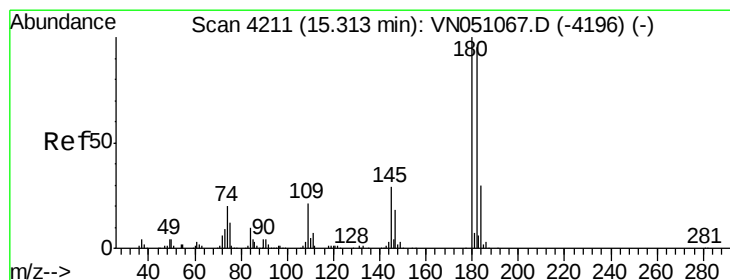
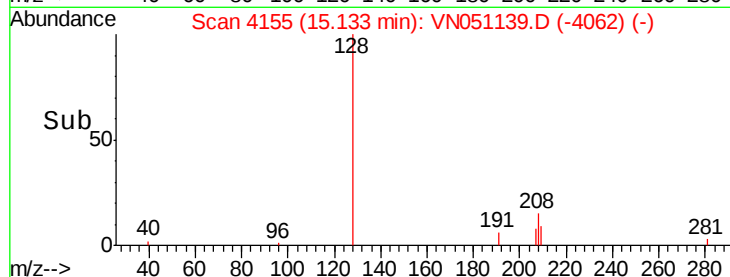
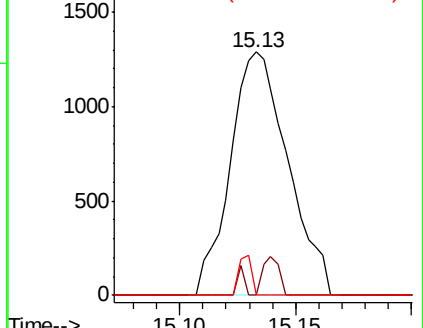
129 3.5 8.6 12.8#



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: 3.14 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051139.D

Acq: 12 Sep 2018 9:30

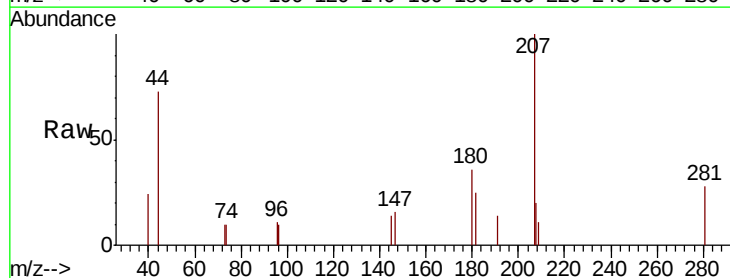
Tgt Ion:180 Resp: 929

Ion Ratio Lower Upper

180 100

182 95.7 47.8 143.3

145 16.1 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

