

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051247.D
 Acq On : 16 Sep 2018 2:08
 Operator : MD\SY
 Sample : J4773-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-091418-A

Quant Time: Sep 17 05:28:04 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	415998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	662614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	179152	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	228264	49.31	ug/l	0.00
Spiked Amount						
			Recovery	=	98.62%	
35) Dibromofluoromethane	7.59	113	245082	49.22	ug/l	0.00
Spiked Amount						
			Recovery	=	98.44%	
50) Toluene-d8	10.09	98	851709	45.08	ug/l	0.00
Spiked Amount						
			Recovery	=	90.16%	
62) 4-Bromofluorobenzene	12.40	95	226756	36.28	ug/l	0.00
Spiked Amount						
			Recovery	=	72.56%	

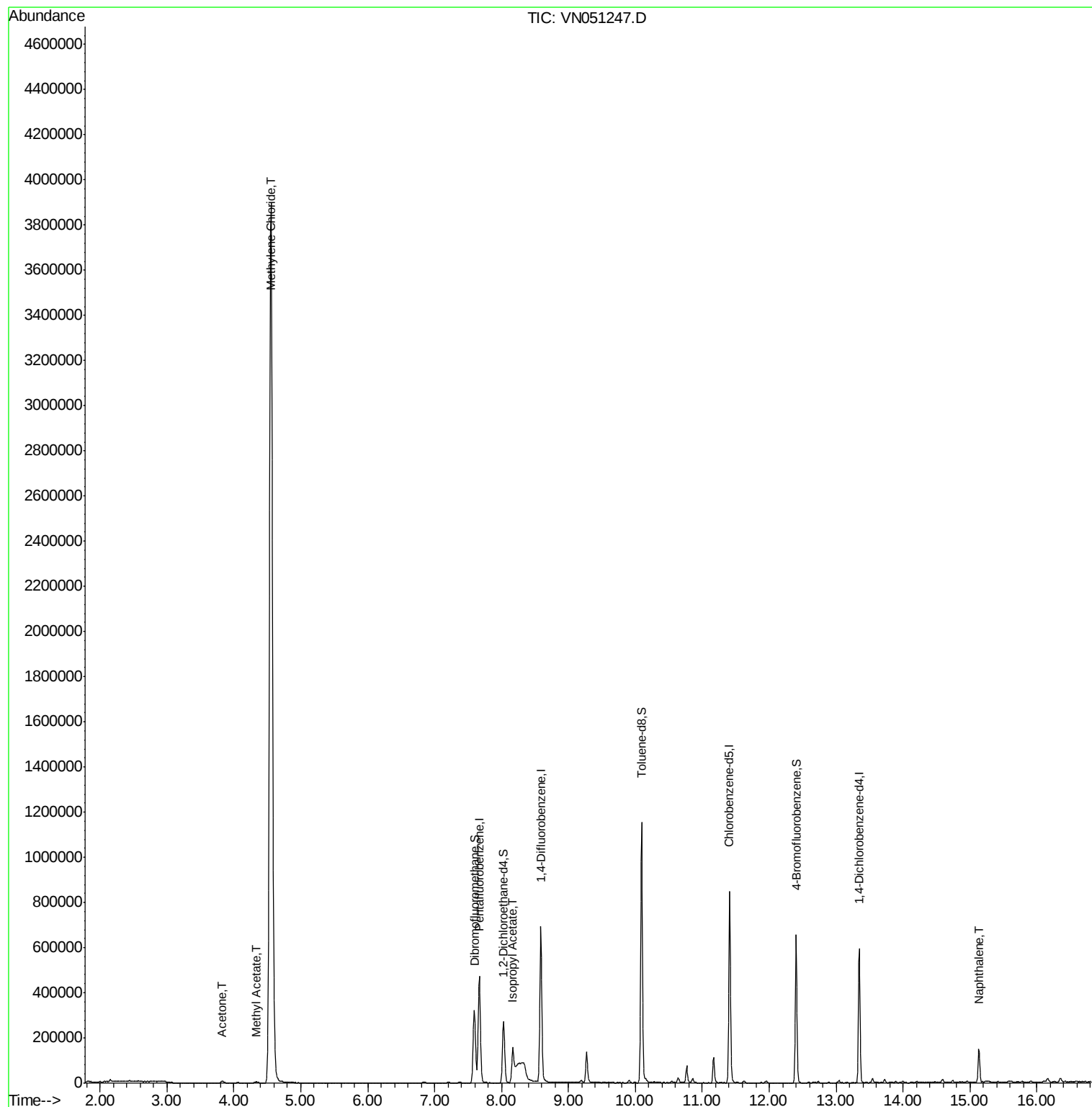
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	13794	6.36	ug/l	92
18) Methyl Acetate	4.33	43	10761	2.90	ug/l #	76
20) Methylene Chloride	4.55	84	3205467	626.83	ug/l	99
43) Isopropyl Acetate	8.17	43	201098	27.05	ug/l #	81
95) Naphthalene	15.13	128	130429	22.63	ug/l	99

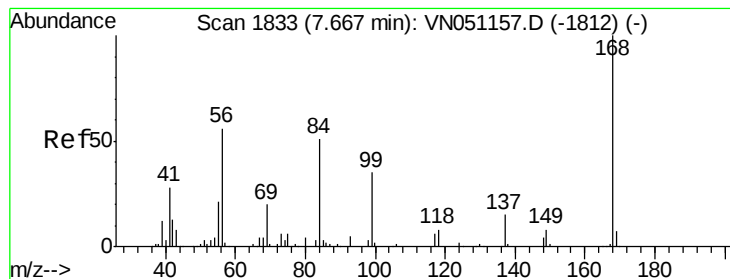
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051247.D

Acq: 16 Sep 2018 2:08

Instrument :

MSVOA_N

ClientSampleId :

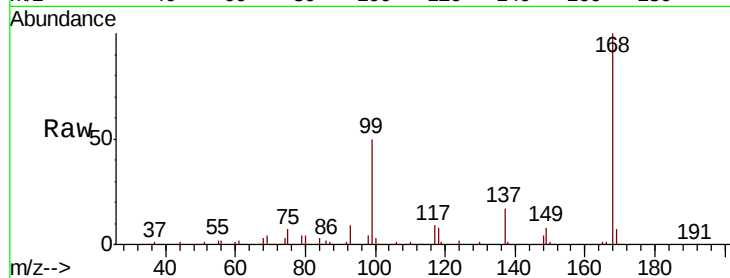
CL-01-091418-A

Tot Ion:168 Resp: 415998

Ion Ratio Lower Upper

168 100

99 50.3 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

100000

50000

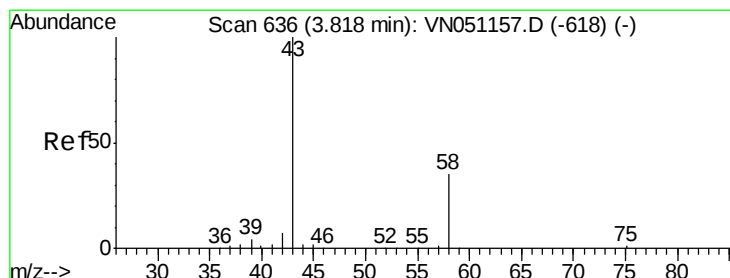
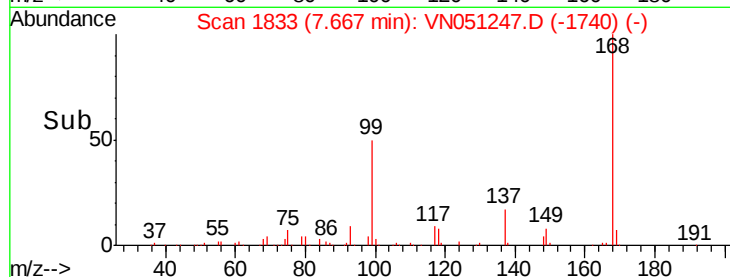
0

7.67

7.60

7.70

Time-->



#16

Acetone

Concen: 6.36 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN051247.D

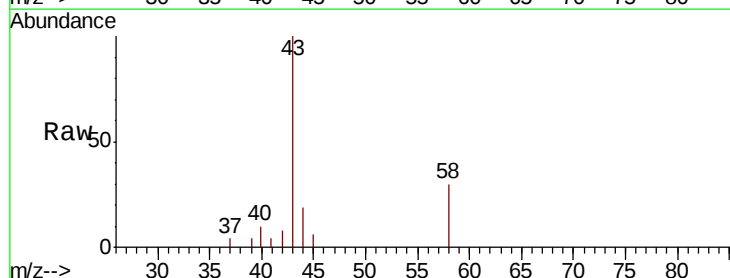
Acq: 16 Sep 2018 2:08

Tgt Ion: 43 Resp: 13794

Ion Ratio Lower Upper

43 100

58 30.2 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

5000

4000

3000

2000

1000

0

3.83

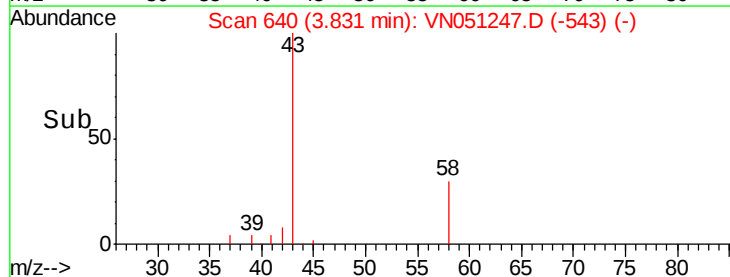
3.75

3.80

3.85

3.90

Time-->

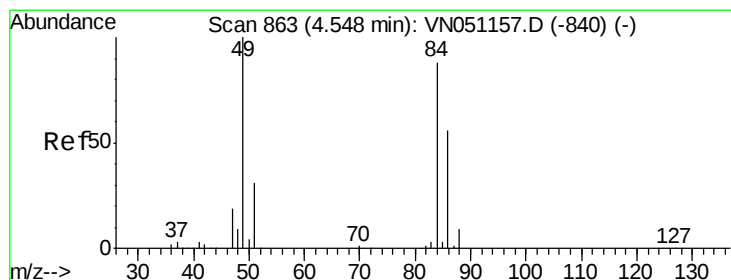
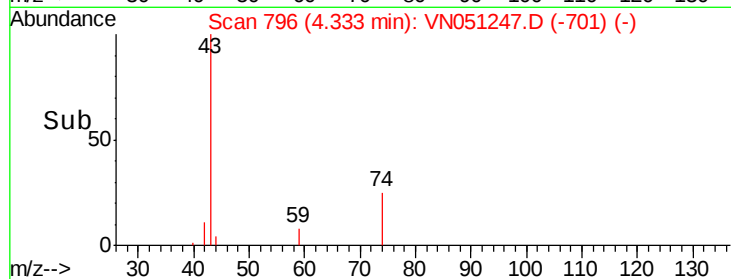
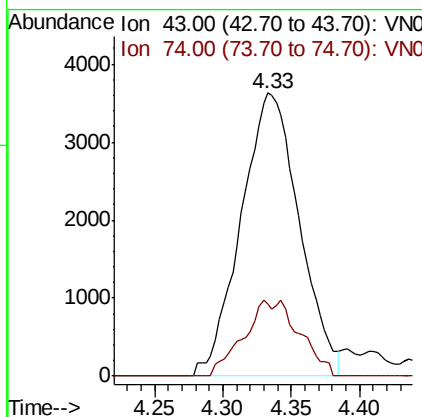
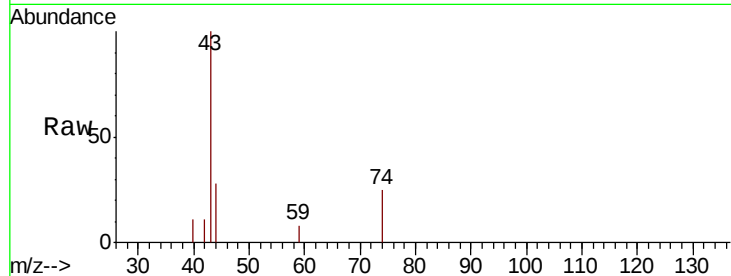




#18
Methyl Acetate
Concen: 2.90 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051247.D
Acq: 16 Sep 2018 2:08

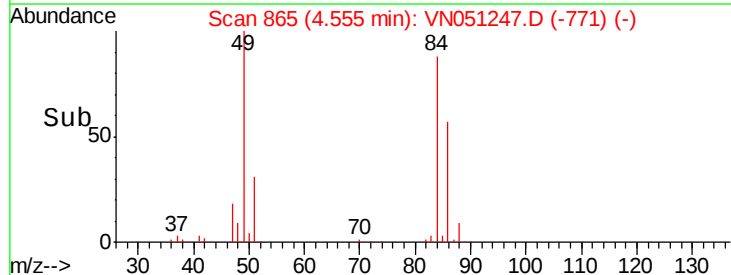
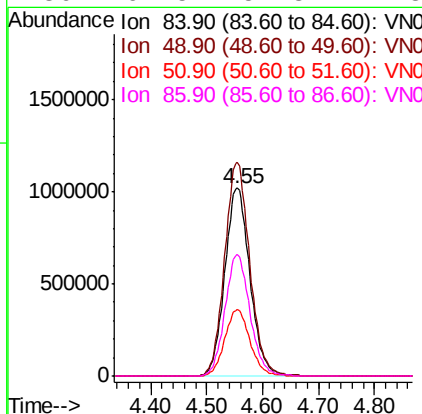
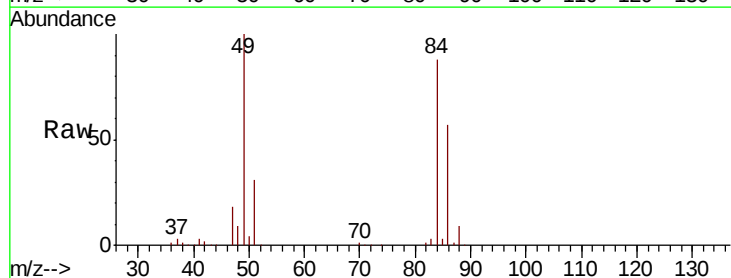
Instrument :
MSVOA_N
ClientSampleId :
CL-01-091418-A

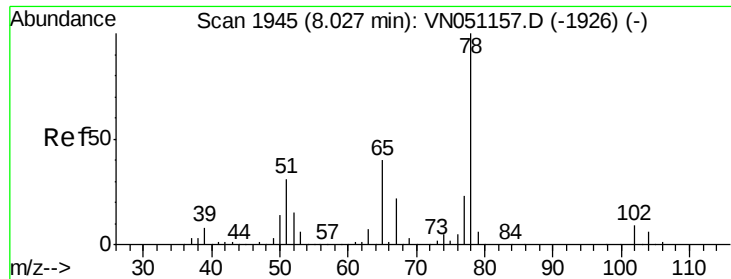
Tot Ion: 43 Resp: 10761
Ion Ratio Lower Upper
43 100
74 13.6 20.7 31.1#



#20
Methylene Chloride
Concen: 626.83 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051247.D
Acq: 16 Sep 2018 2:08

Tgt Ion: 84 Resp: 3205467
Ion Ratio Lower Upper
84 100
49 113.7 90.2 135.2
51 35.2 28.4 42.6
86 64.5 51.8 77.8

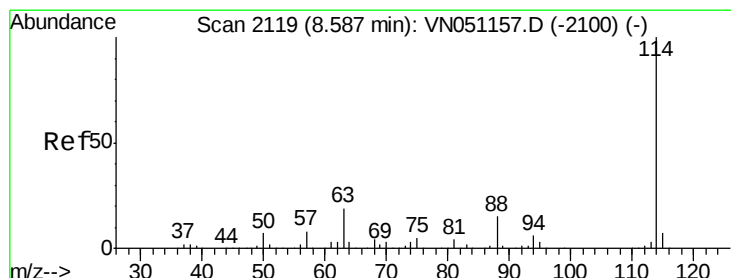
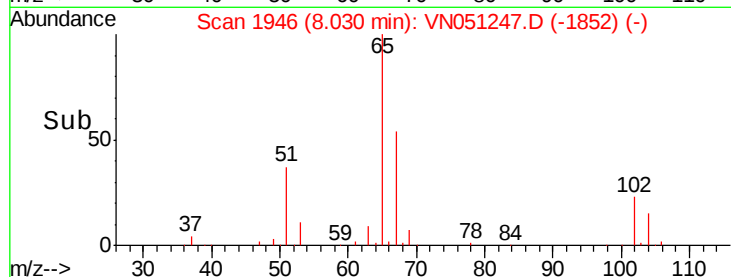
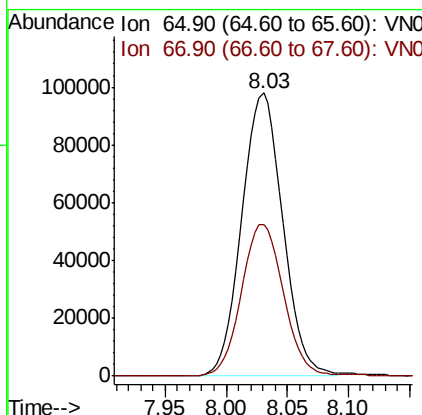
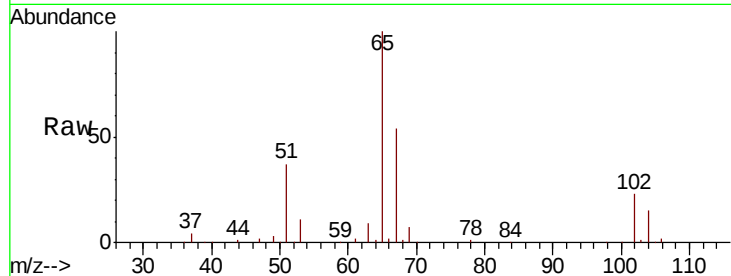




#33
 1,2-Dichloroethane-d4
 Concen: 49.31 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051247.D
 Acq: 16 Sep 2018 2:08

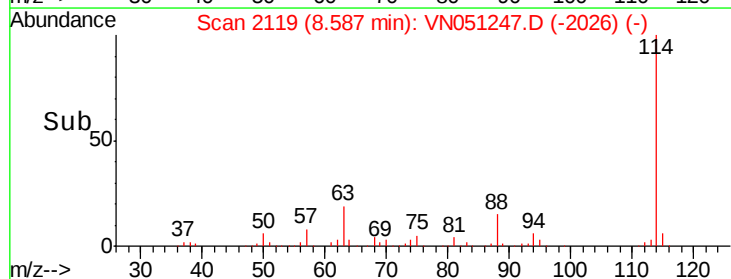
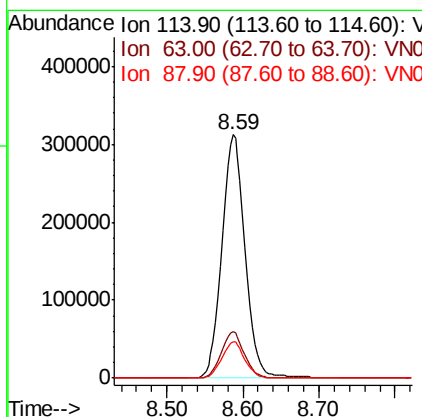
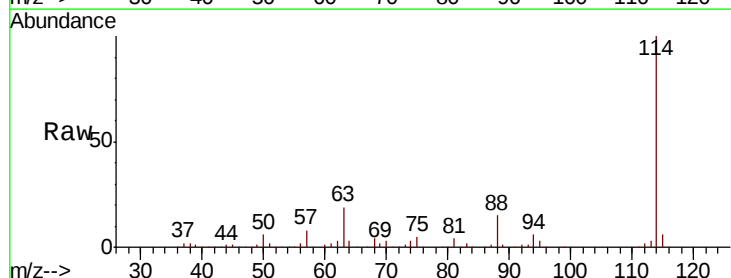
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-091418-A

Tot Ion: 65 Resp: 228264
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051247.D
 Acq: 16 Sep 2018 2:08

Tgt Ion: 114 Resp: 662614
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 15.0 0.0 30.8

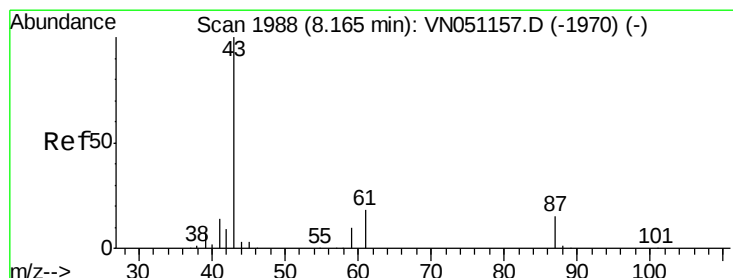
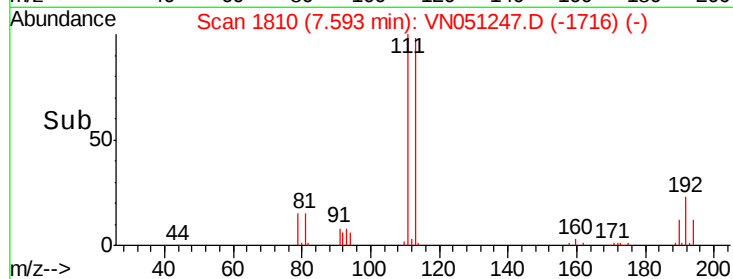
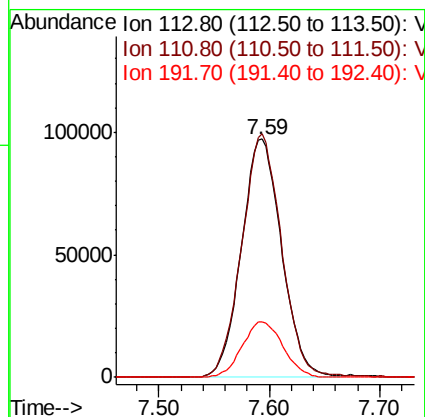
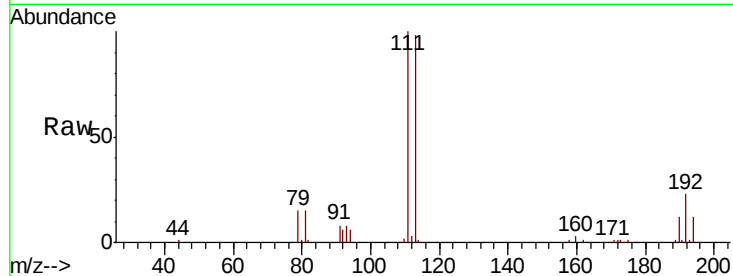




#35
 Dibromofluoromethane
 Concen: 49.22 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051247.D
 Acq: 16 Sep 2018 2:08

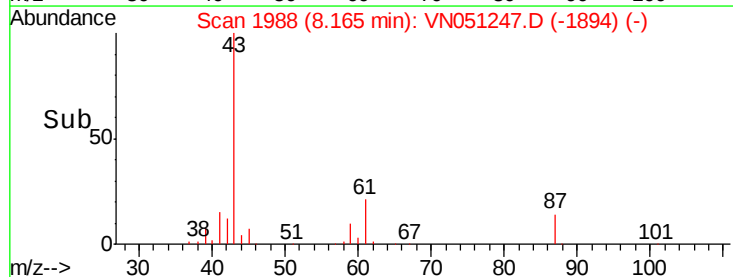
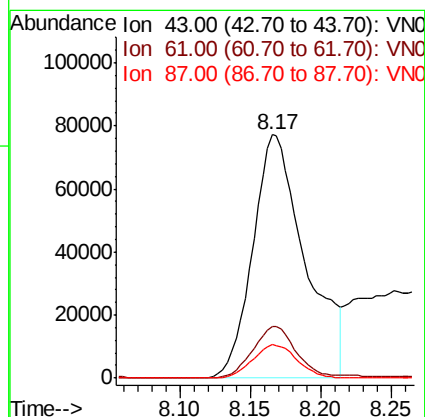
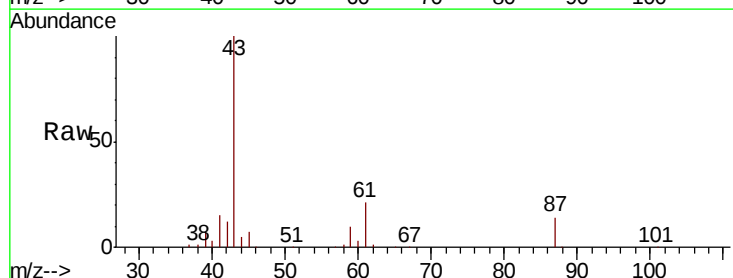
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-091418-A

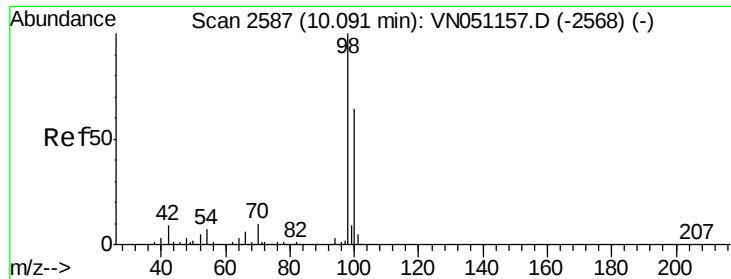
Tot Ion:113 Resp: 245082
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.0 124.6
 192 23.8 18.7 28.1



#43
 Isopropyl Acetate
 Concen: 27.05 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051247.D
 Acq: 16 Sep 2018 2:08

Tgt Ion: 43 Resp: 201098
 Ion Ratio Lower Upper
 43 100
 61 17.5 25.0 37.6#
 87 11.7 11.8 17.8#





#50

Toluene-d8

Concen: 45.08 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051247.D

Acq: 16 Sep 2018 2:08

Instrument :

MSVOA_N

ClientSampleId :

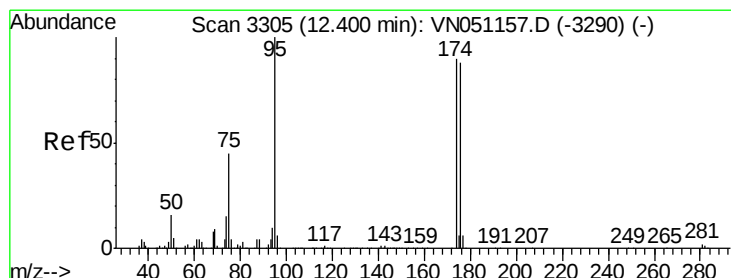
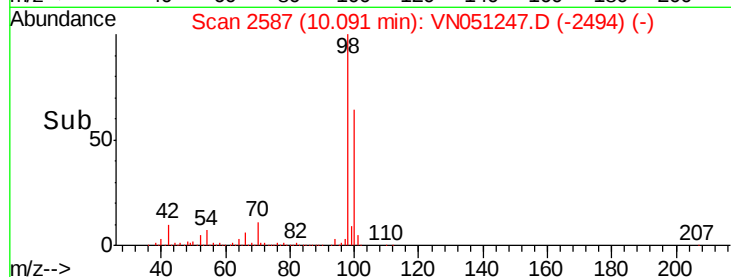
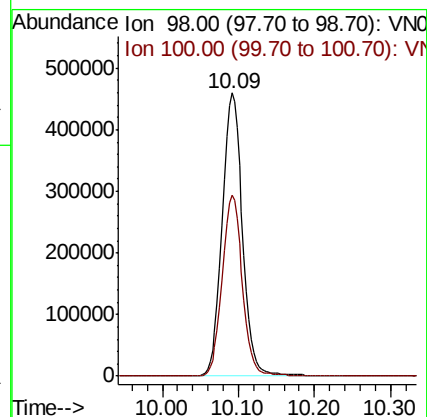
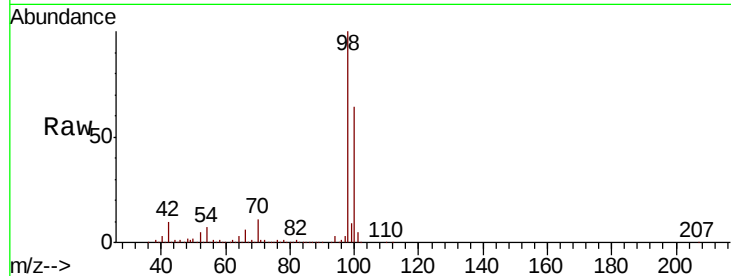
CL-01-091418-A

Tot Ion: 98 Resp: 851709

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 36.28 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051247.D

Acq: 16 Sep 2018 2:08

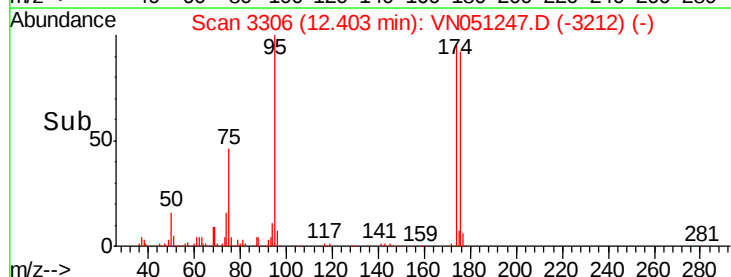
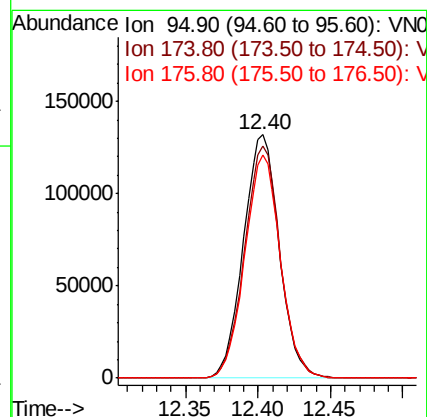
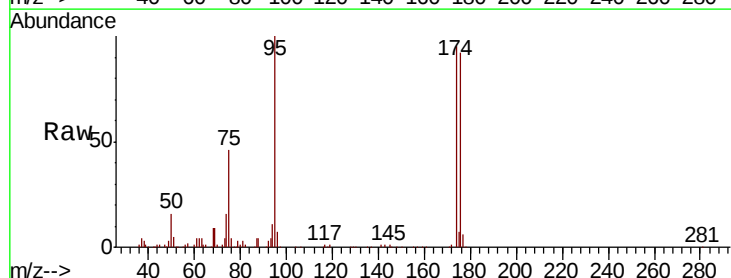
Tgt Ion: 95 Resp: 226756

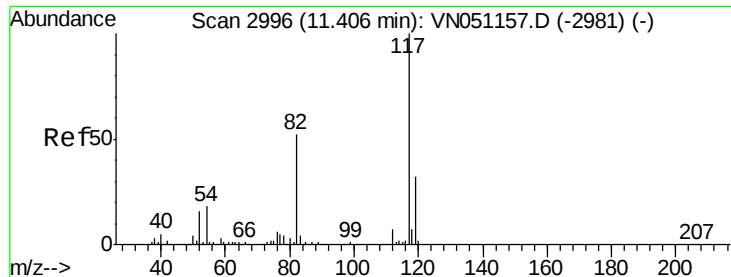
Ion Ratio Lower Upper

95 100

174 95.0 0.0 184.8

176 91.2 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051247.D

Acq: 16 Sep 2018 2:08

Instrument :

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ClientSampleId :

CL-01-091418-A

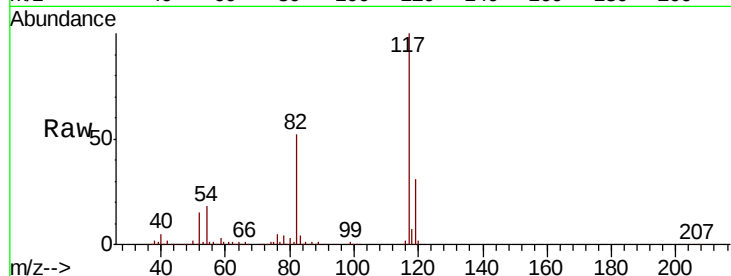
Tot Ion:117 Resp: 545988

Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.6

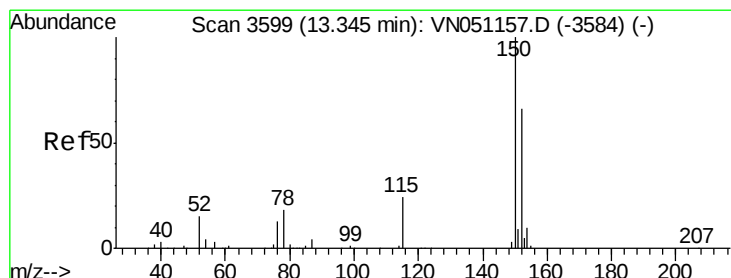
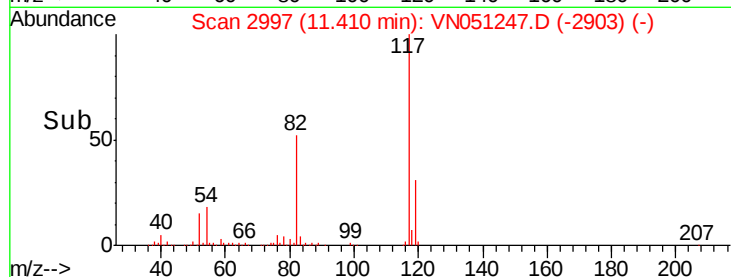
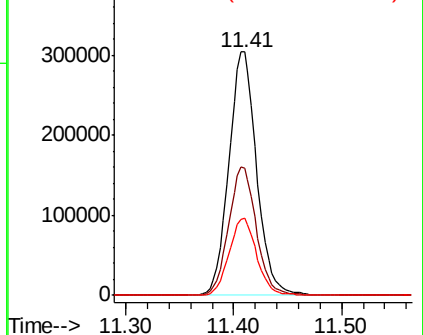
119 31.5 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051247.D

Acq: 16 Sep 2018 2:08

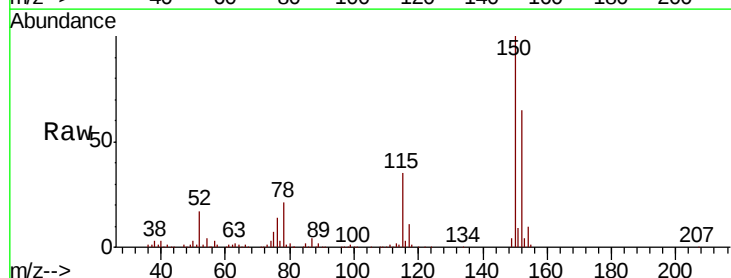
Tgt Ion:152 Resp: 179152

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

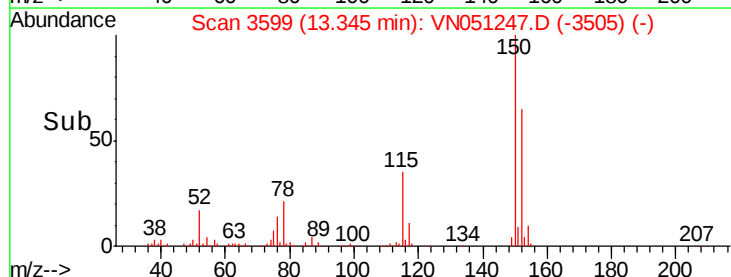
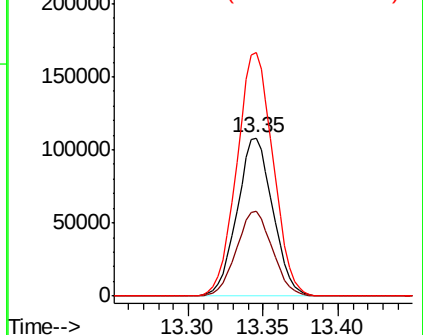
150 156.6 0.0 349.0

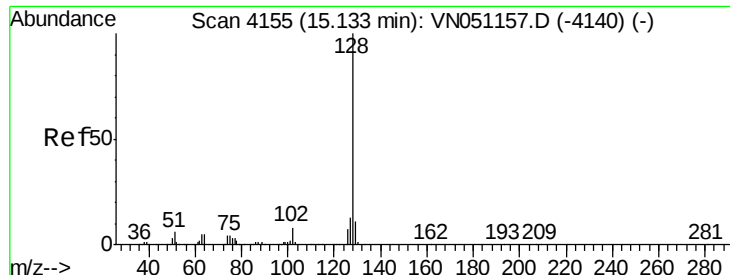


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 22.63 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051247.D

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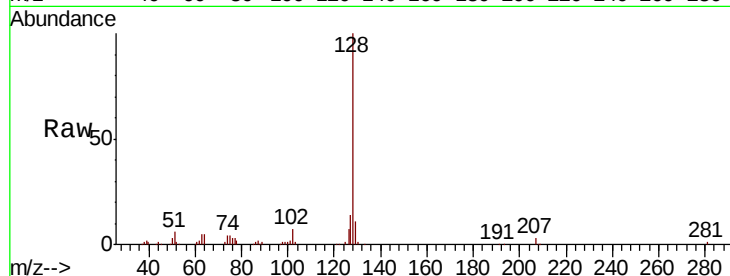
Tot Ion:128 Resp: 130429

Ion Ratio Lower Upper

128 100

127 14.1 10.6 15.8

129 10.9 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

