

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054236.D
 Acq On : 14 Mar 2019 2:38
 Operator : JC/SP
 Sample : K1870-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-2

Quant Time: Mar 14 08:41:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

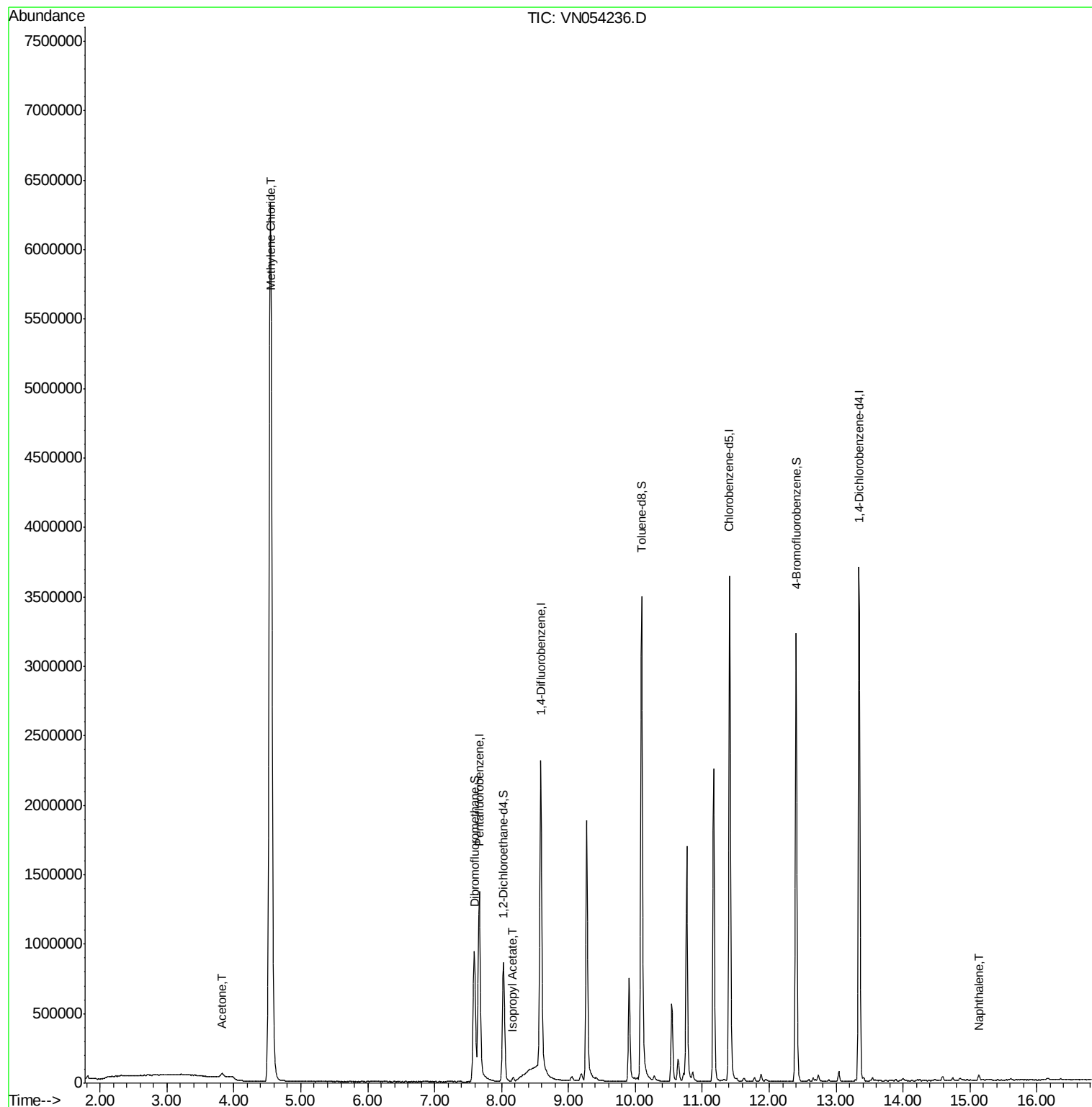
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1385019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2295071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2425713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1101962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	748677	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
35) Dibromofluoromethane	7.59	113	716191	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	10.09	98	2832654	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.40	95	1107298	57.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.78%	
Target Compounds						
16) Acetone	3.82	43	47021	11.165	ug/l	98
20) Methylene Chloride	4.55	84	5078226	367.225	ug/l	99
43) Isopropyl Acetate	8.18	43	36118	1.694	ug/l	97
95) Naphthalene	15.13	128	35129	4.146	ug/l	98

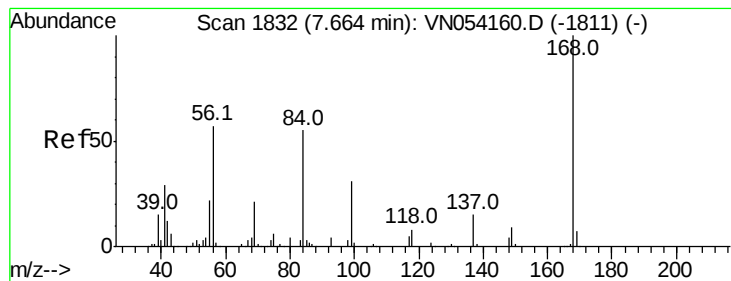
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031319\
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Acq On : 14 Mar 2019 2:38
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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054236.D

Acq: 14 Mar 2019 2:38

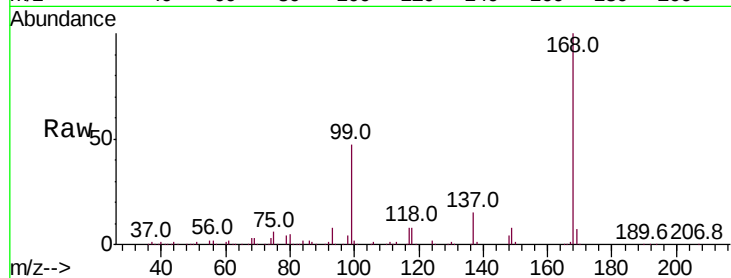
Instrument :
MSVOA_N
ClientSampled :
SP-2

Tot Ion:168 Resp: 1385019

Ion Ratio Lower Upper

168 100

99 46.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

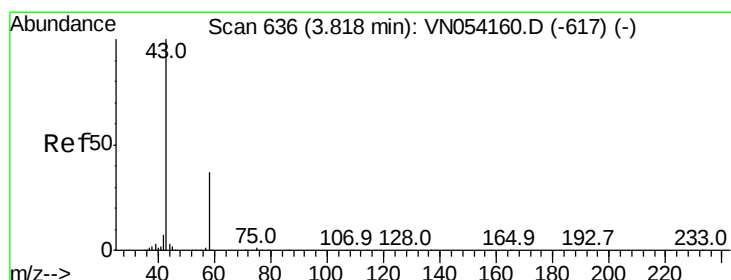
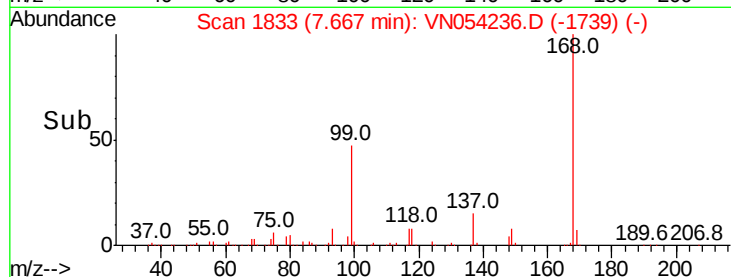
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 11.165 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054236.D

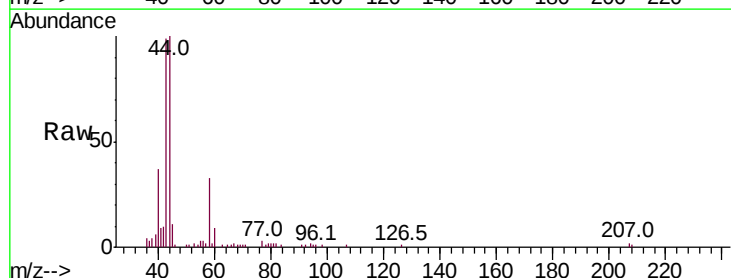
Acq: 14 Mar 2019 2:38

Tgt Ion: 43 Resp: 47021

Ion Ratio Lower Upper

43 100

58 36.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

20000

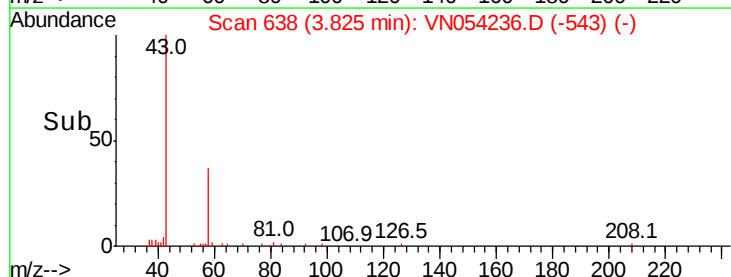
15000

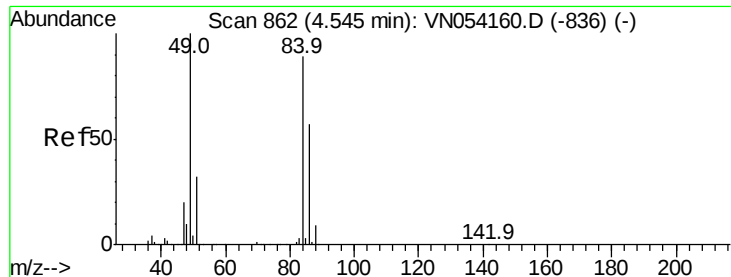
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 367.225 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054236.D

Acq: 14 Mar 2019 2:38

Instrument :

MSVOA_N

ClientSampled :

SP-2

Tot Ion: 84 Resp: 5078226

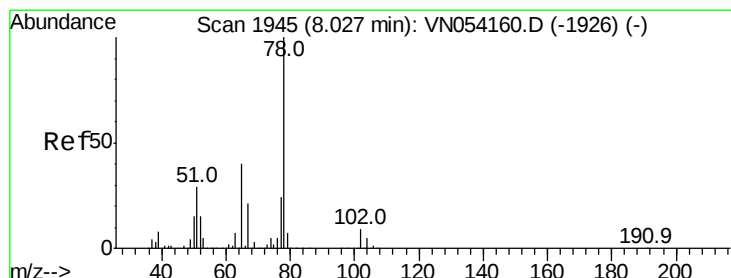
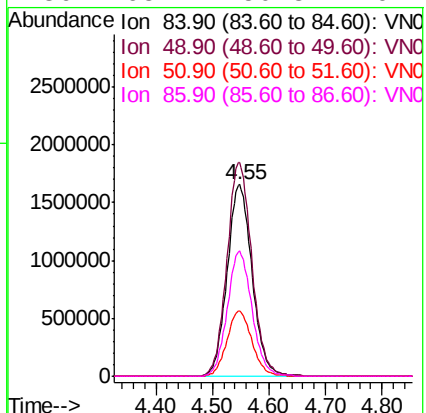
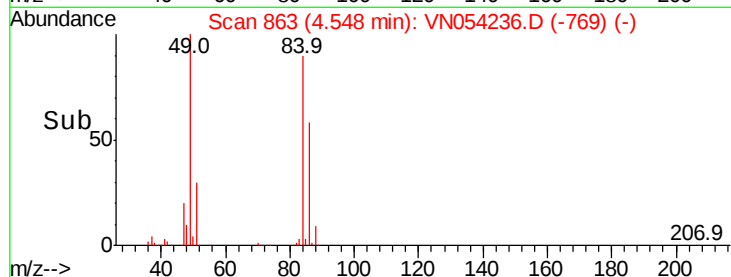
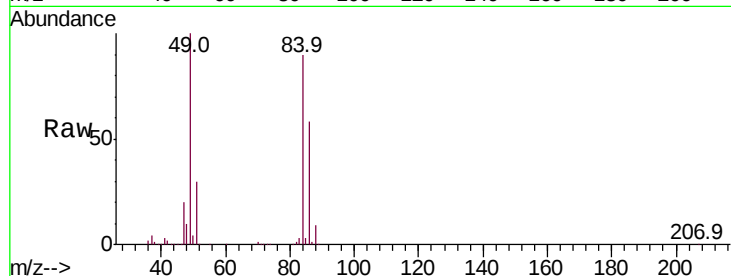
Ion Ratio Lower Upper

84 100

49 111.5 89.7 134.5

51 34.0 28.2 42.4

86 65.2 50.8 76.2



#33

1,2-Dichloroethane-d4

Concen: 50.899 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054236.D

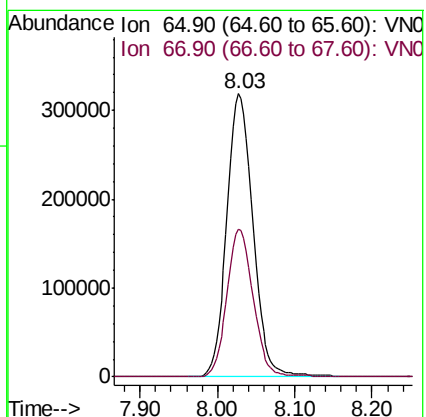
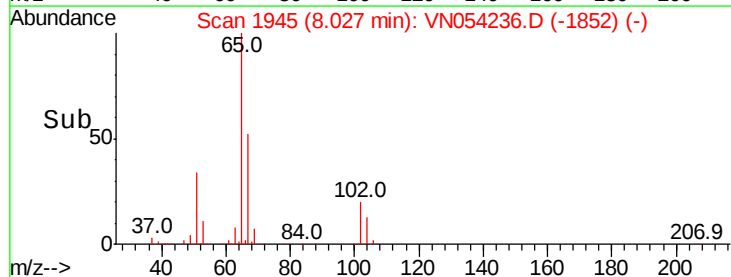
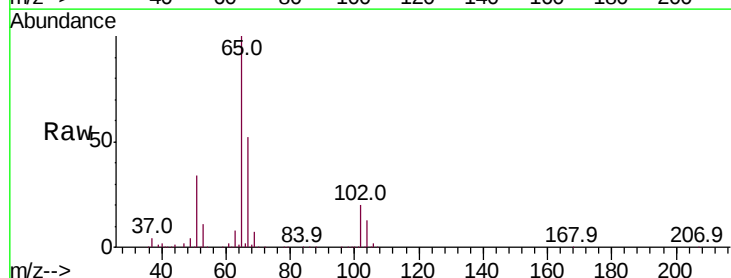
Acq: 14 Mar 2019 2:38

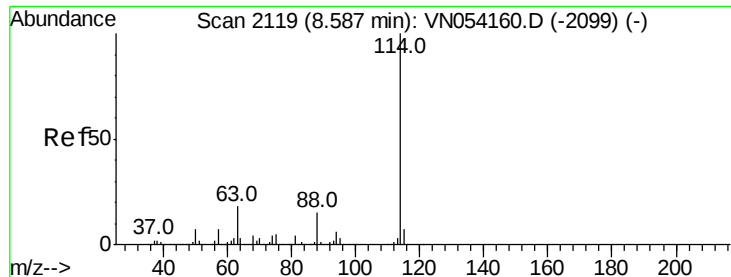
Tgt Ion: 65 Resp: 748677

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6

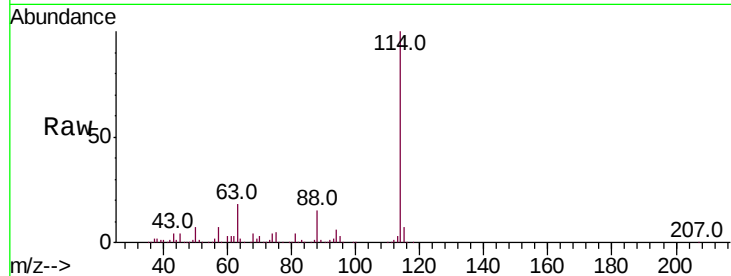




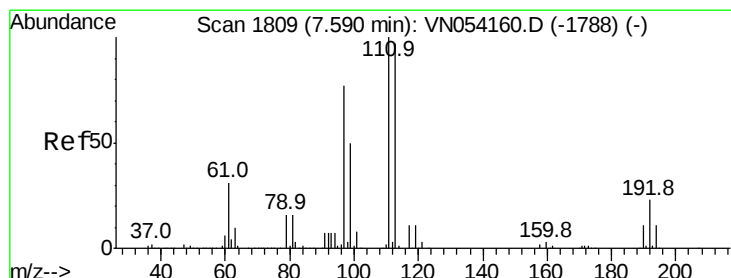
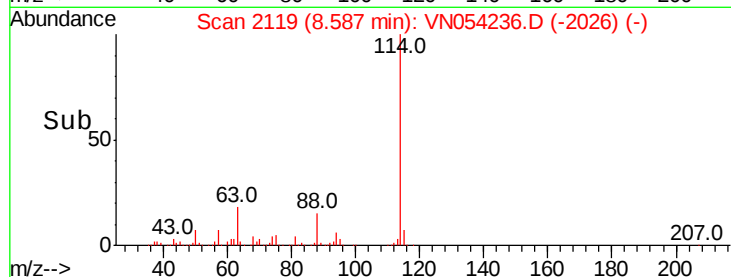
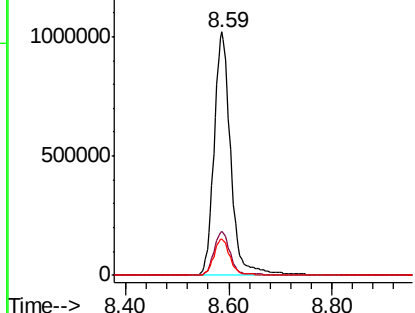
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054236.D
Acq: 14 Mar 2019 2:38

Instrument :
MSVOA_N
ClientSampled :
SP-2

Tot Ion:114 Resp: 2295071
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.2
88 15.1 0.0 30.2

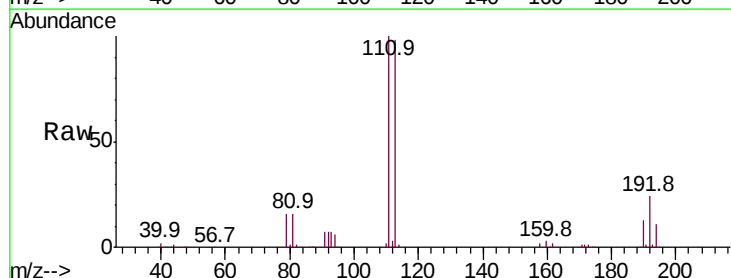


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

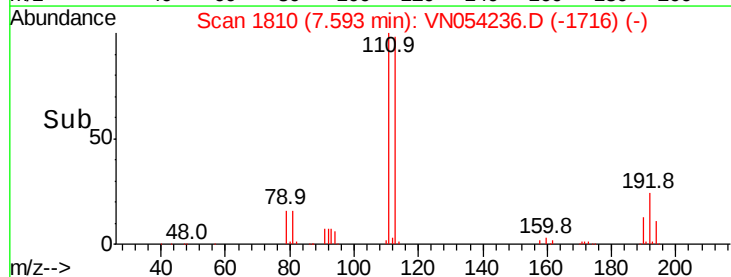
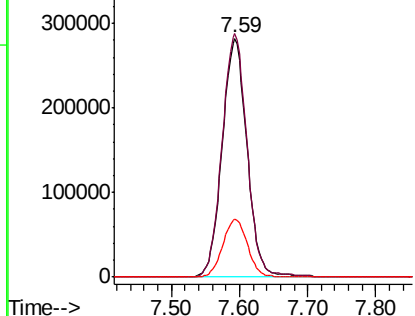


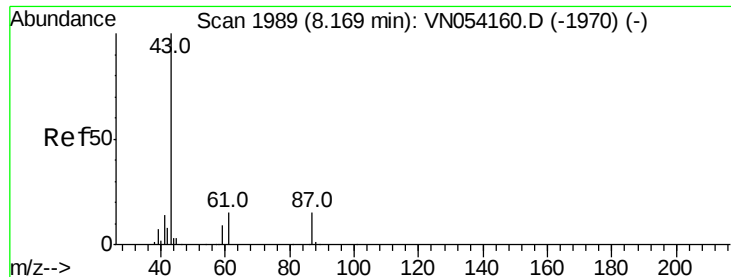
#35
Dibromofluoromethane
Concen: 48.384 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054236.D
Acq: 14 Mar 2019 2:38

Tgt Ion:113 Resp: 716191
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 24.2 19.2 28.8



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





#43

Isopropyl Acetate

Concen: 1.694 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054236.D

Acq: 14 Mar 2019 2:38

Instrument :

MSVOA_N

ClientSampleId :

SP-2

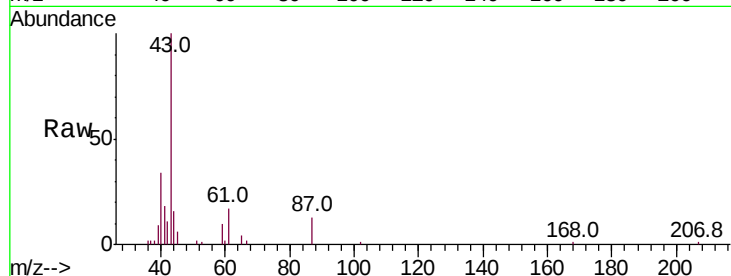
Tot Ion: 43 Resp: 36118

Ion Ratio Lower Upper

43 100

61 20.7 15.8 23.8

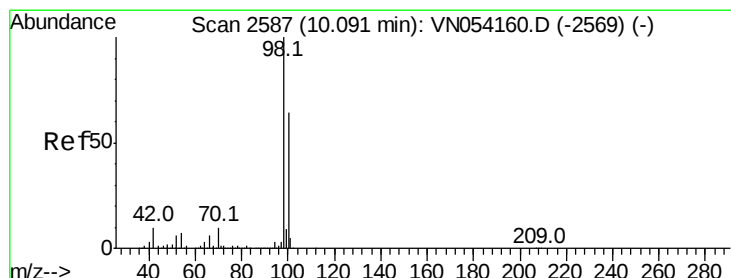
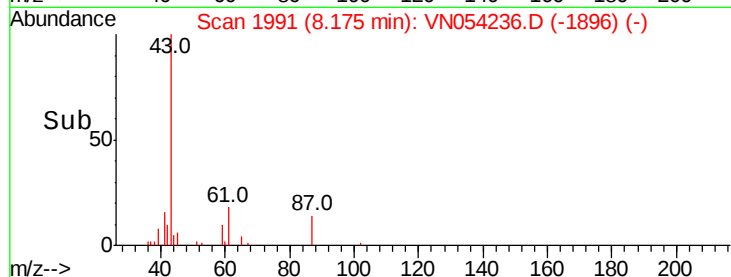
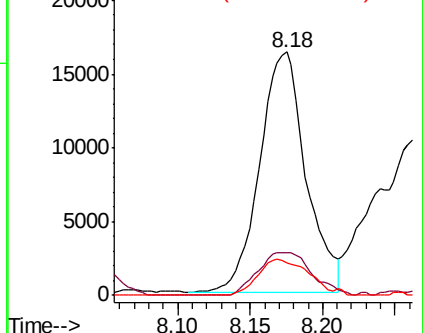
87 16.6 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.817 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054236.D

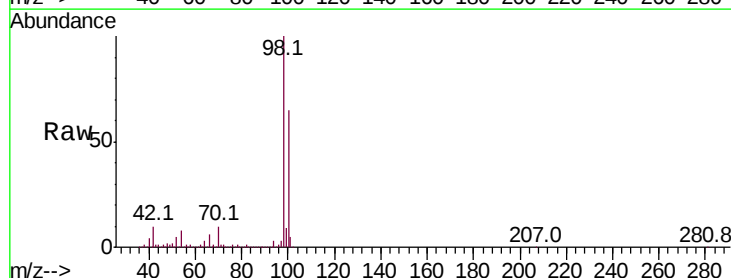
Acq: 14 Mar 2019 2:38

Tgt Ion: 98 Resp: 2832654

Ion Ratio Lower Upper

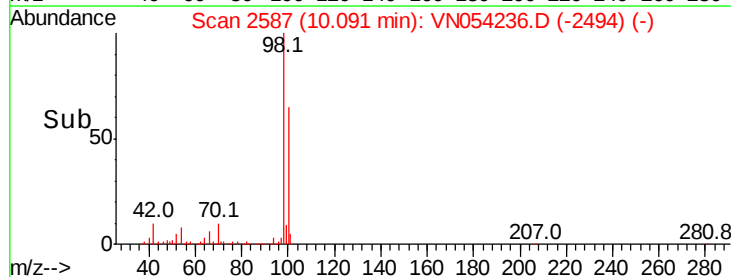
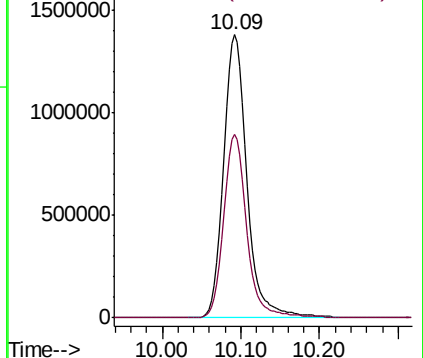
98 100

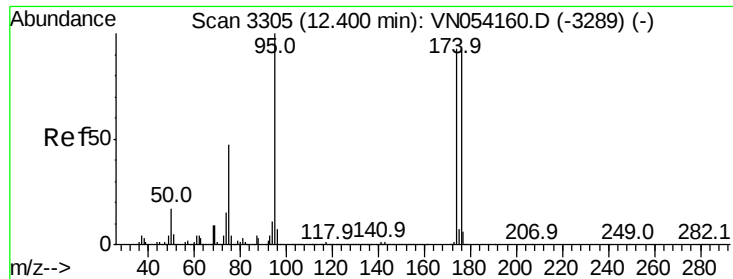
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 57.889 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054236.D

Acq: 14 Mar 2019 2:38

Instrument :

MSVOA_N

ClientSampleId :

SP-2

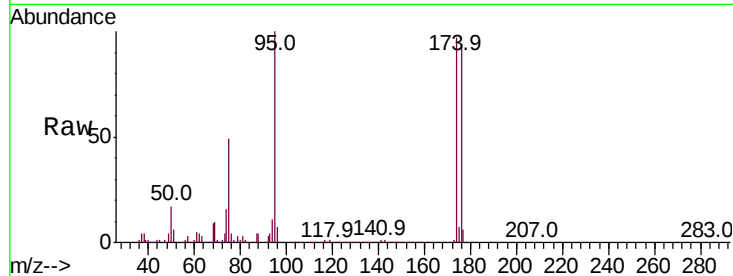
Tot Ion: 95 Resp: 1107298

Ion Ratio Lower Upper

95 100

174 98.0 0.0 191.0

176 95.6 0.0 187.4



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

12.40

800000

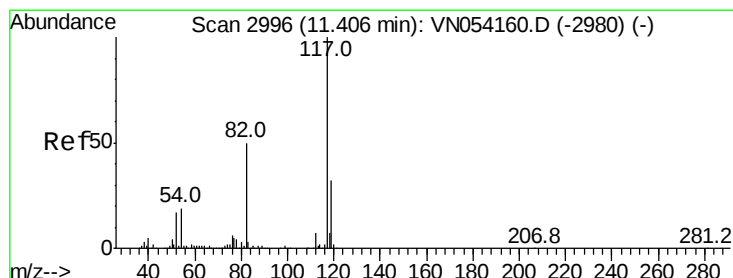
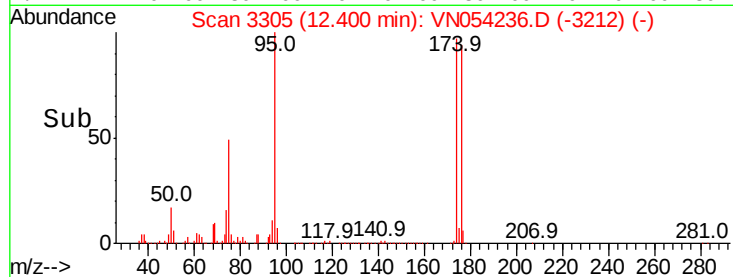
600000

400000

200000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054236.D

Acq: 14 Mar 2019 2:38

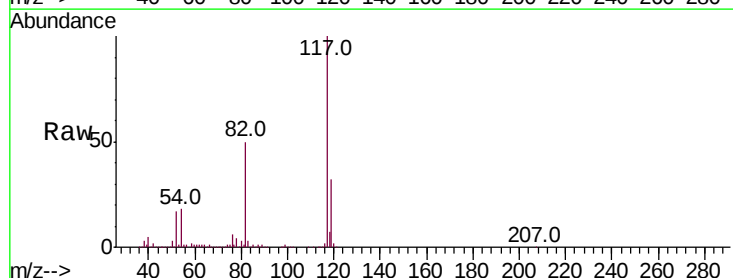
Tgt Ion: 117 Resp: 2425713

Ion Ratio Lower Upper

117 100

82 49.5 40.0 60.0

119 31.9 25.8 38.6



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

11.41

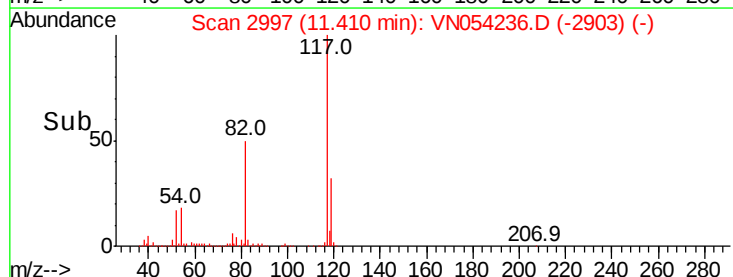
1500000

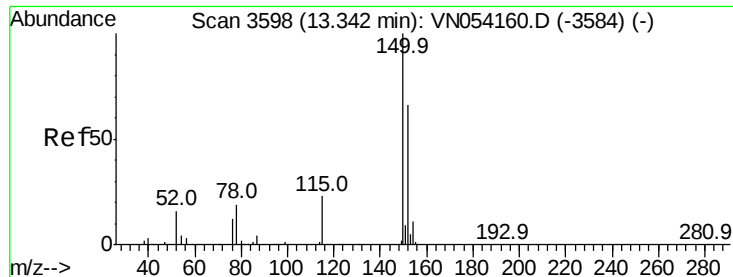
1000000

500000

0

Time--> 11.30 11.40 11.50 11.60





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054236.D

Acq: 14 Mar 2019 2:38

Instrument :

MSVOA_N

ClientSampled :

SP-2

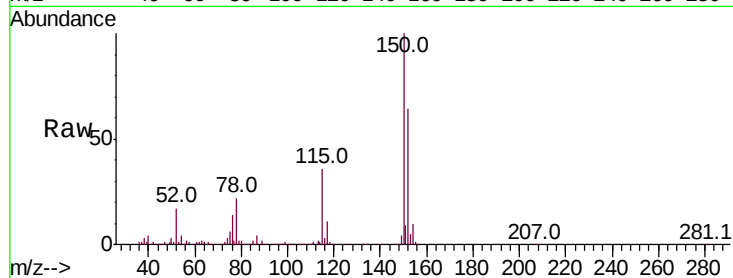
Tot Ion:152 Resp: 1101962

Ion Ratio Lower Upper

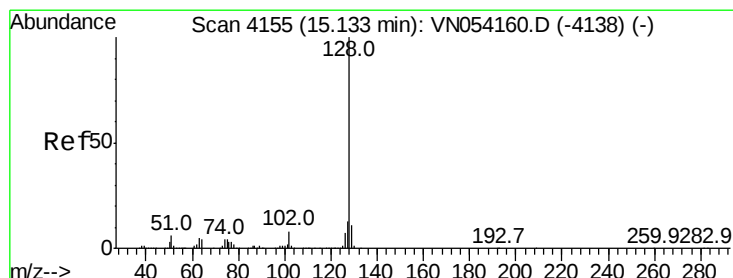
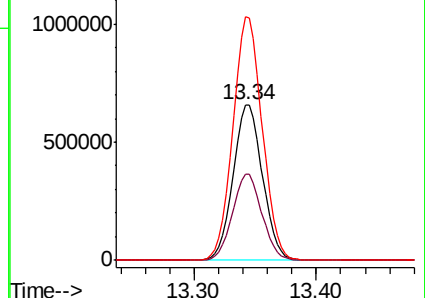
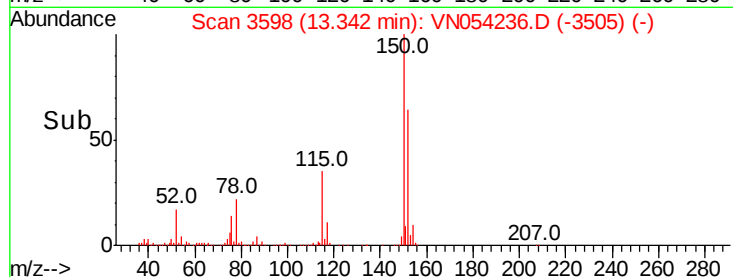
152 100

115 55.4 27.2 81.6

150 156.3 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 4.146 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054236.D

Acq: 14 Mar 2019 2:38

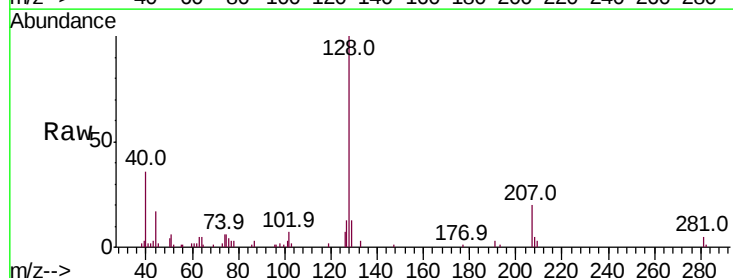
Tgt Ion:128 Resp: 35129

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 12.3 8.7 13.1



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

