

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054249.D
 Acq On : 14 Mar 2019 8:21
 Operator : JC/SP
 Sample : K1869-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1

Quant Time: Mar 14 09:13:52 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

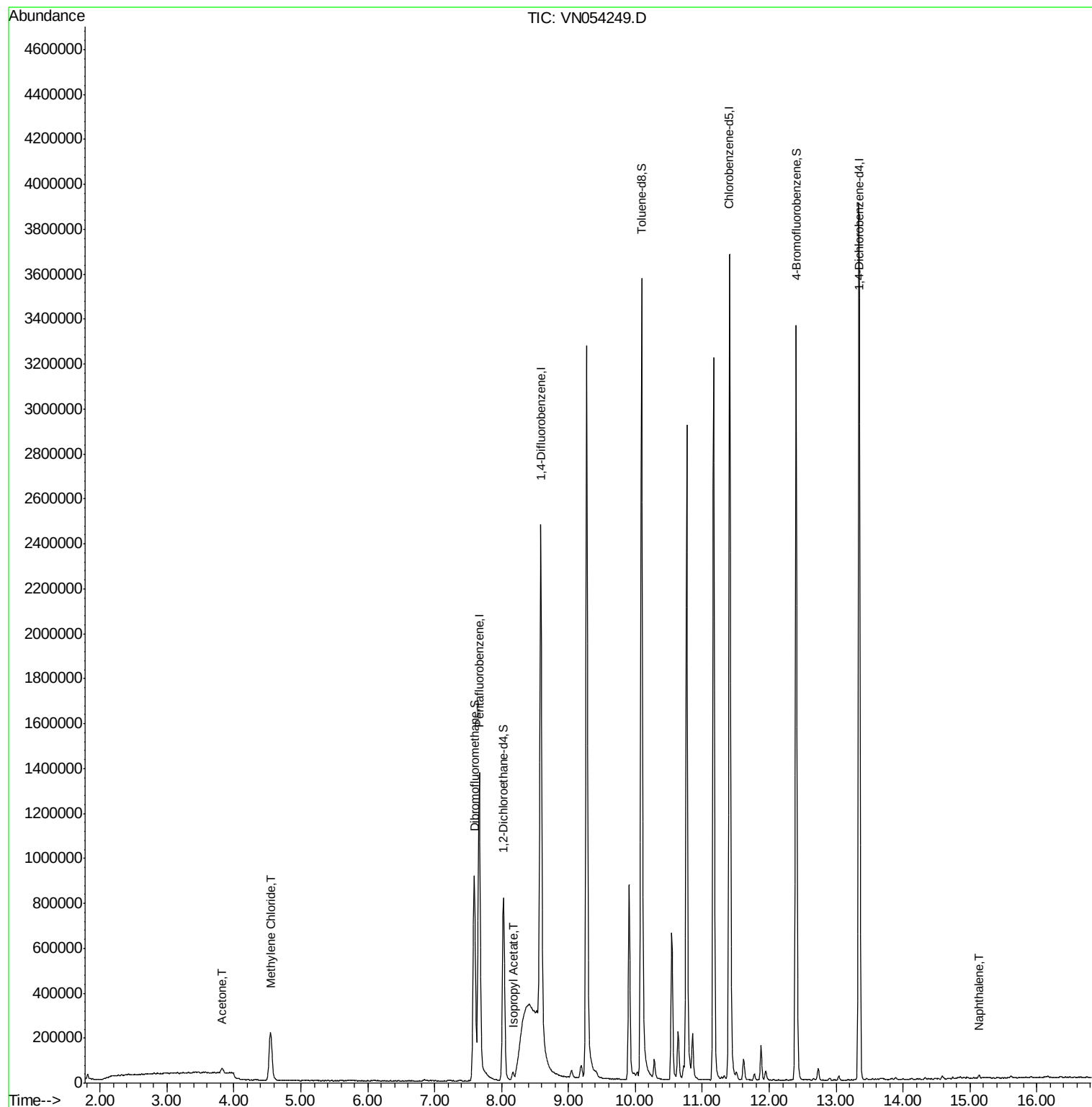
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1353225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2266742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2473423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1158558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	737354	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
35) Dibromofluoromethane	7.59	113	691819	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	10.09	98	2845610	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.40	95	1151052	60.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.86%	
Target Compounds						
16) Acetone	3.82	43	33345	8.104	ug/l	97
20) Methylene Chloride	4.55	84	172703	12.782	ug/l	99
43) Isopropyl Acetate	8.17	43	42699	2.028	ug/l	98
95) Naphthalene	15.13	128	11406	3.679	ug/l #	94

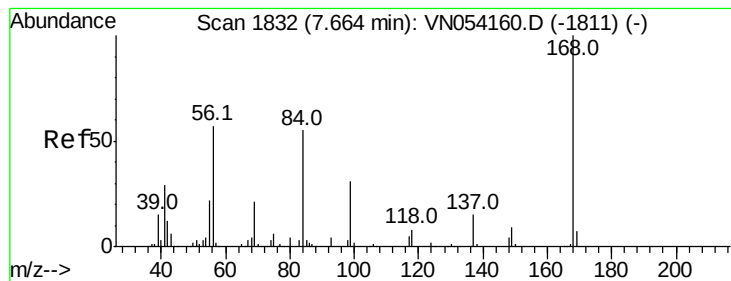
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031319\
Data File : VN054249.D
Acq On : 14 Mar 2019 8:21
Operator : JC/SP
Sample : K1869-08
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Mar 14 09:13:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
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: VN054249.D

Acq: 14 Mar 2019 8:21

Instrument :

MSVOA_N

ClientSampled :

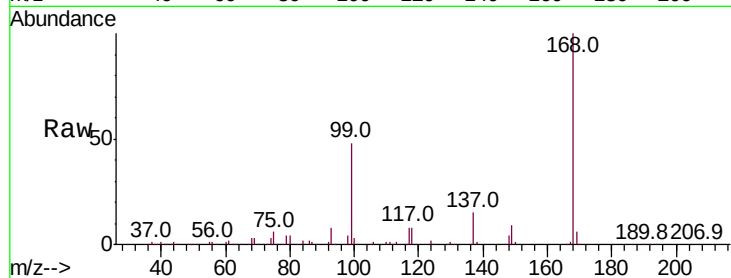
SP-1

Tot Ion:168 Resp: 1353225

Ion Ratio Lower Upper

168 100

99 47.5 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

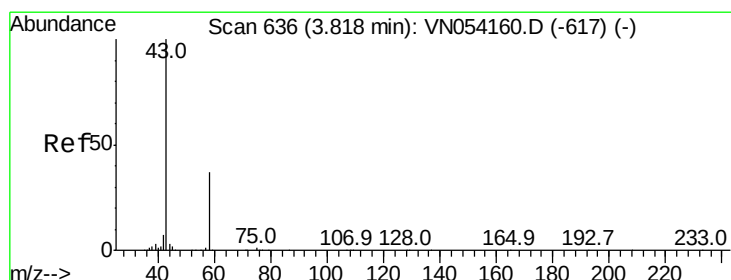
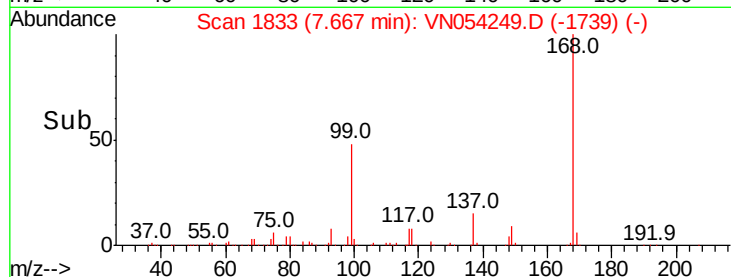
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 8.104 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054249.D

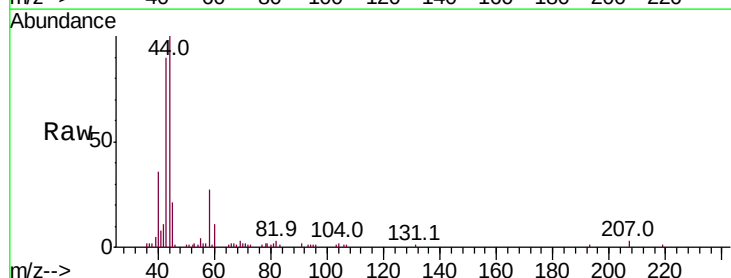
Acq: 14 Mar 2019 8:21

Tgt Ion: 43 Resp: 33345

Ion Ratio Lower Upper

43 100

58 35.8 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

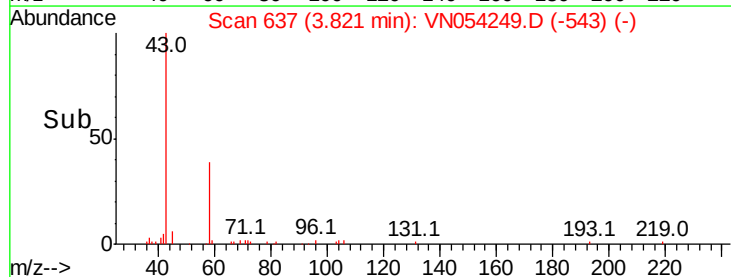
15000

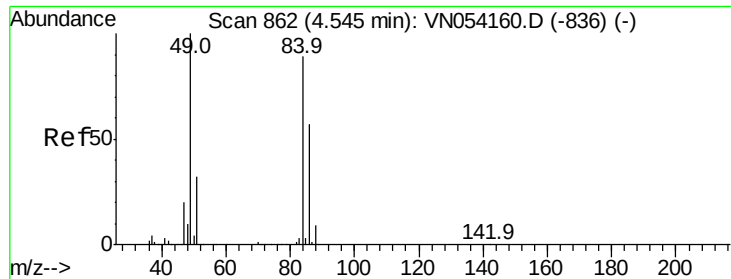
10000

5000

0

Time--> 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 12.782 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054249.D

Acq: 14 Mar 2019 8:21

Instrument :

MSVOA_N

ClientSampleId :

SP-1

Tot Ion: 84 Resp: 172703

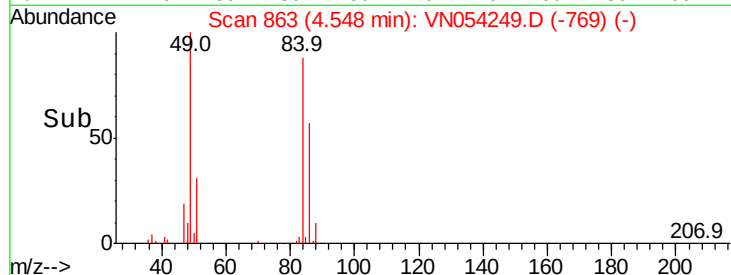
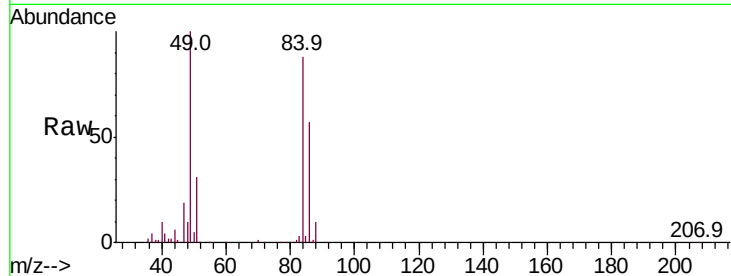
Ion Ratio Lower Upper

84 100

49 113.1 89.7 134.5

51 35.3 28.2 42.4

86 64.4 50.8 76.2

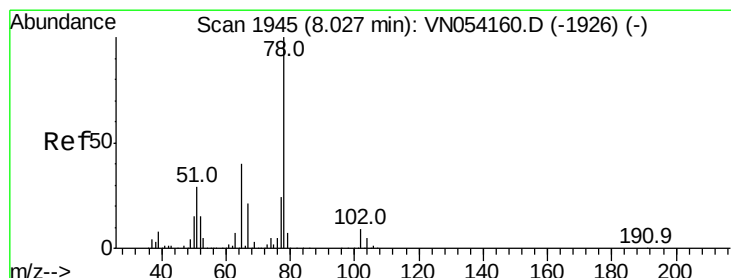
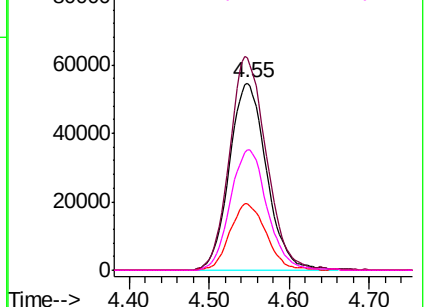


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: 51.307 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054249.D

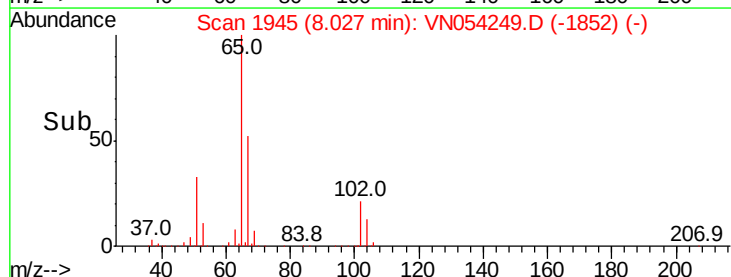
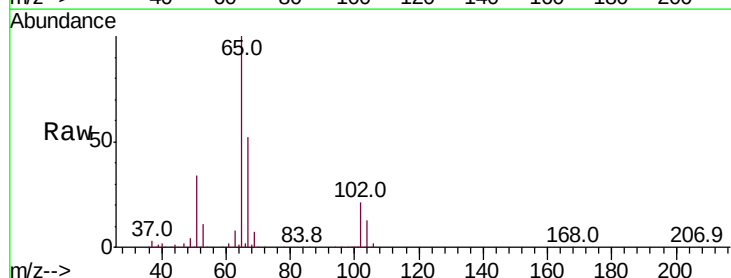
Acq: 14 Mar 2019 8:21

Tgt Ion: 65 Resp: 737354

Ion Ratio Lower Upper

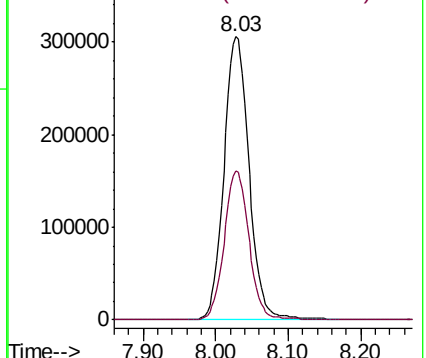
65 100

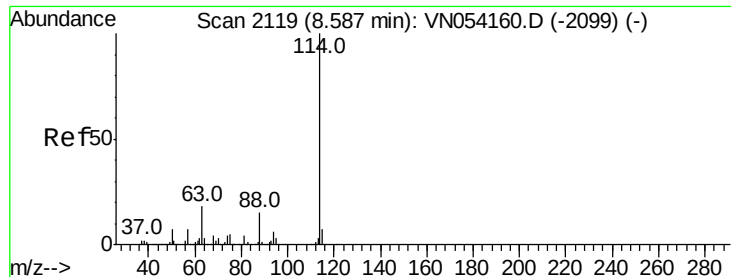
67 51.9 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



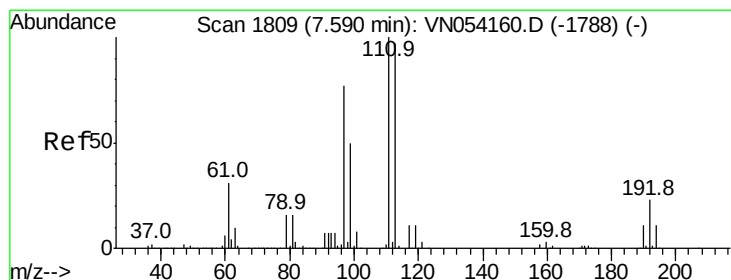
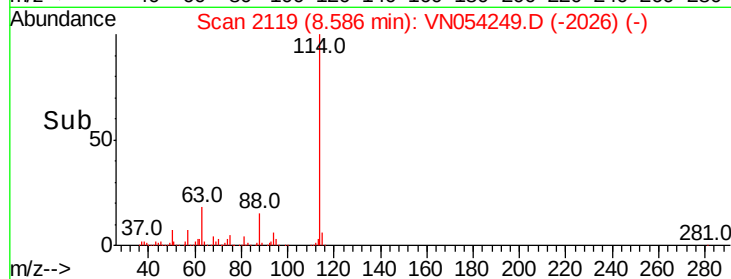
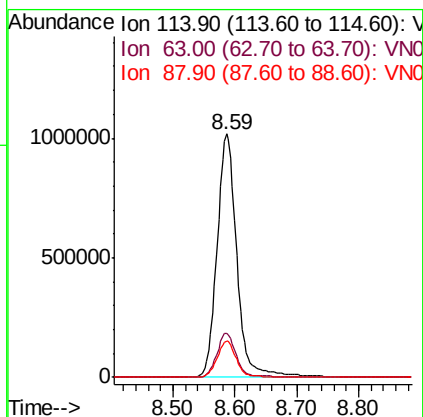
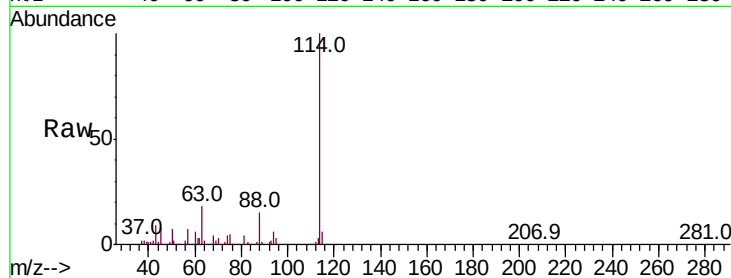


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054249.D
 Acq: 14 Mar 2019 8:21

Instrument :
 MSVOA_N
 ClientSampled :
 SP-1

Tot Ion:114 Resp: 2266742

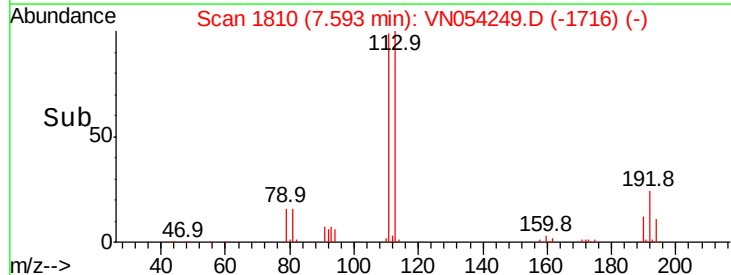
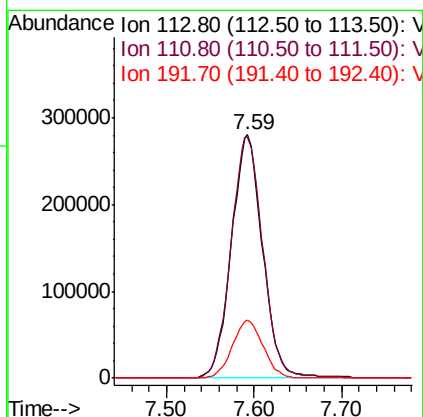
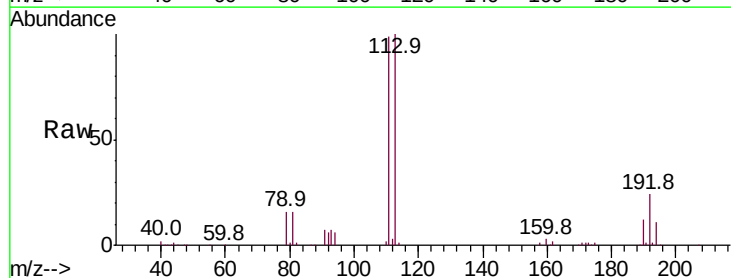
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.2
88	14.9	0.0	30.2

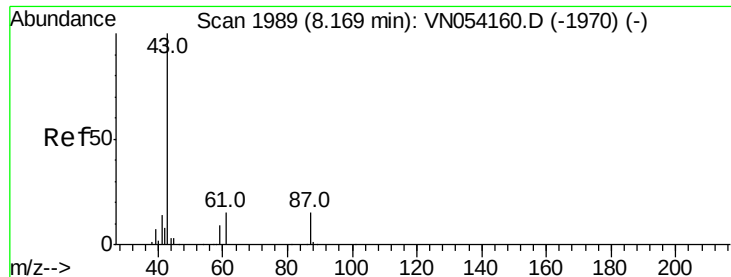


#35
 Dibromofluoromethane
 Concen: 47.321 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054249.D
 Acq: 14 Mar 2019 8:21

Tgt Ion:113 Resp: 691819

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.4
192	23.5	19.2	28.8





#43

Isopropyl Acetate

Concen: 2.028 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054249.D

Acq: 14 Mar 2019 8:21

Instrument :

MSVOA_N

ClientSampled :

SP-1

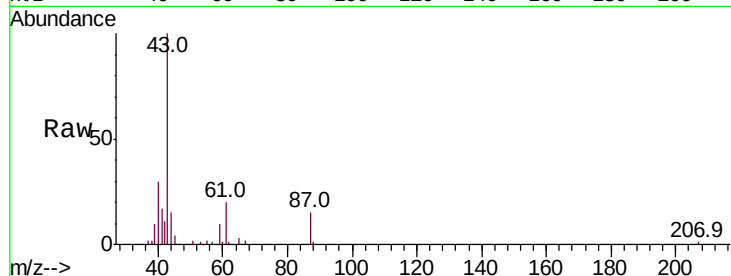
Tot Ion: 43 Resp: 42699

Ion Ratio Lower Upper

43 100

61 20.7 15.8 23.8

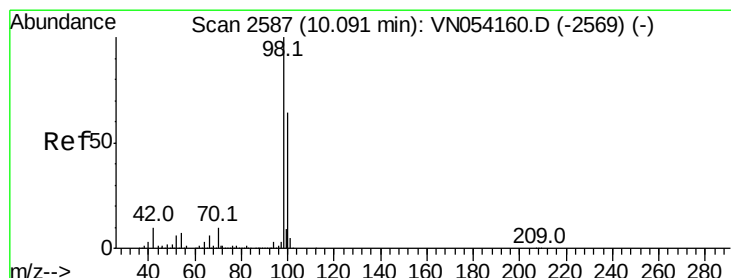
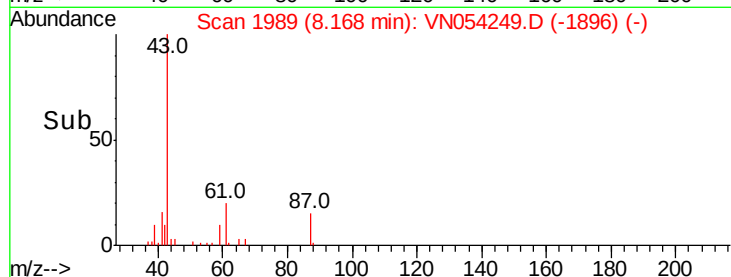
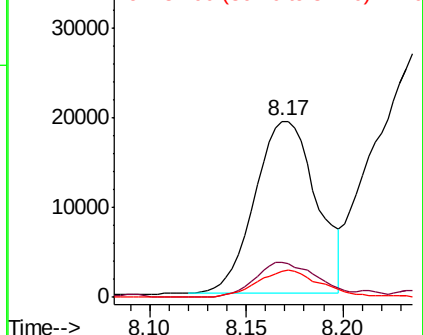
87 16.0 12.0 18.0



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: 52.704 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054249.D

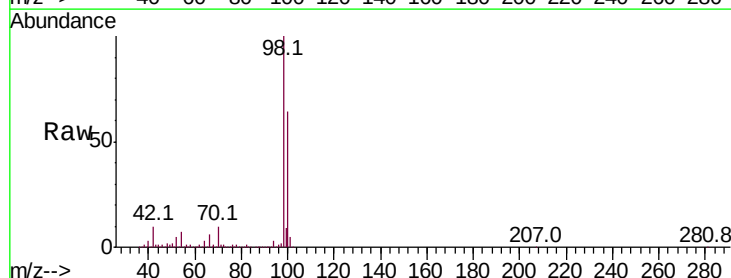
Acq: 14 Mar 2019 8:21

Tgt Ion: 98 Resp: 2845610

Ion Ratio Lower Upper

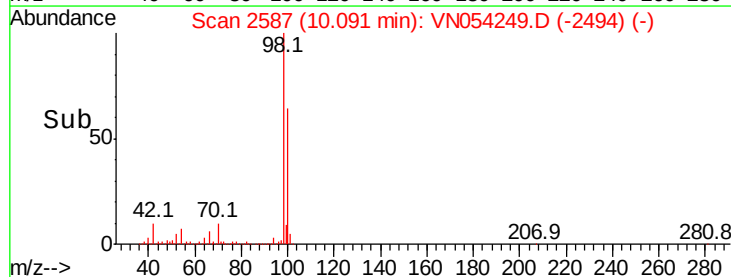
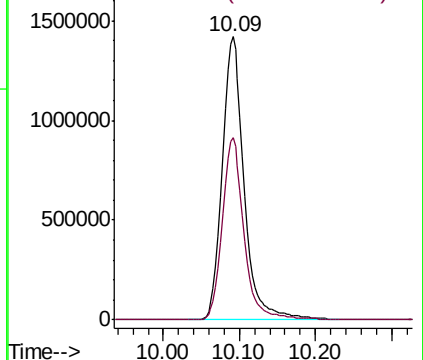
98 100

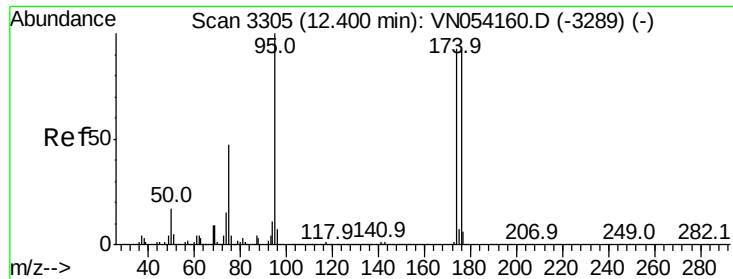
100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 60.928 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054249.D

Acq: 14 Mar 2019 8:21

Instrument :

MSVOA_N

ClientSampleId :

SP-1

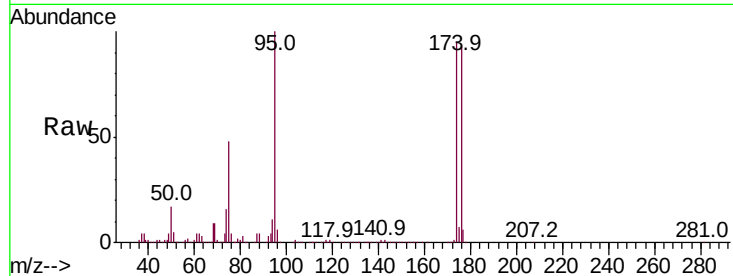
Tot Ion: 95 Resp: 1151052

Ion Ratio Lower Upper

95 100

174 97.4 0.0 191.0

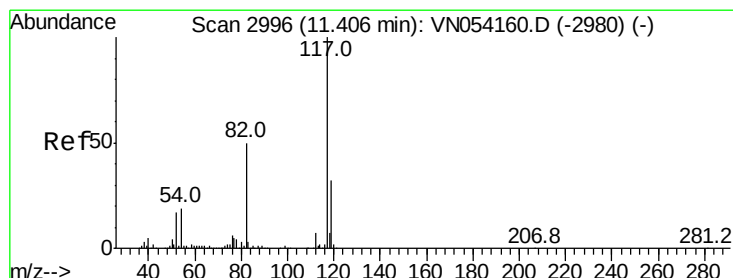
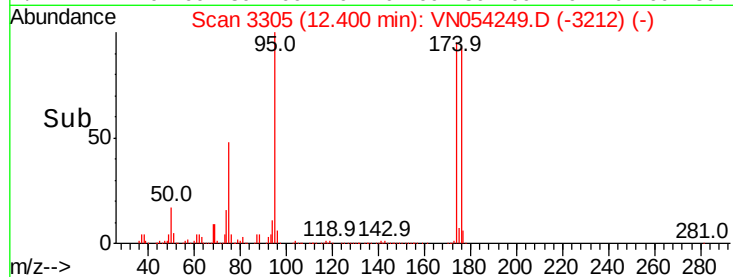
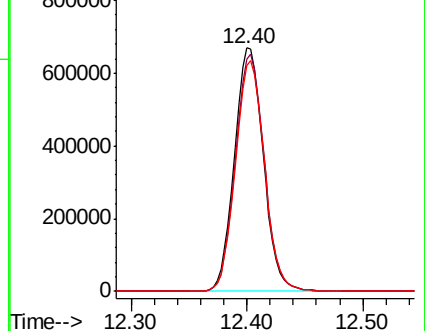
176 94.8 0.0 187.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054249.D

Acq: 14 Mar 2019 8:21

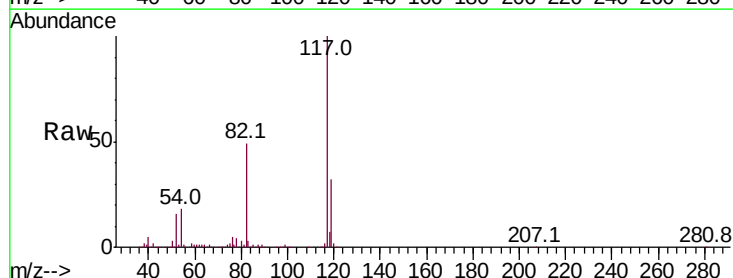
Tgt Ion: 117 Resp: 2473423

Ion Ratio Lower Upper

117 100

82 49.4 40.0 60.0

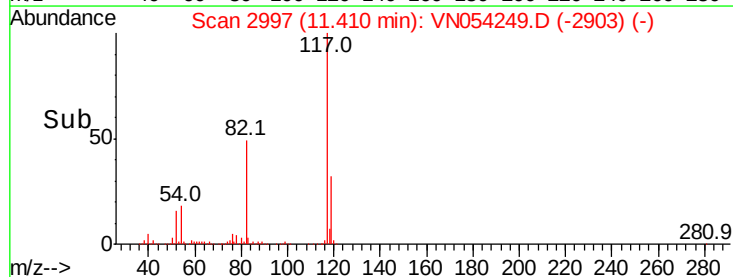
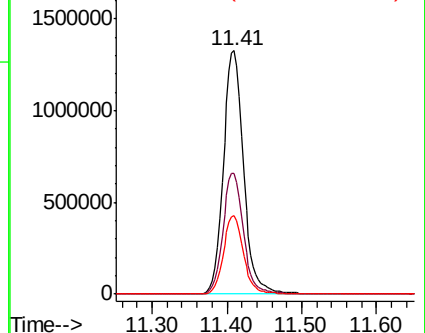
119 32.1 25.8 38.6

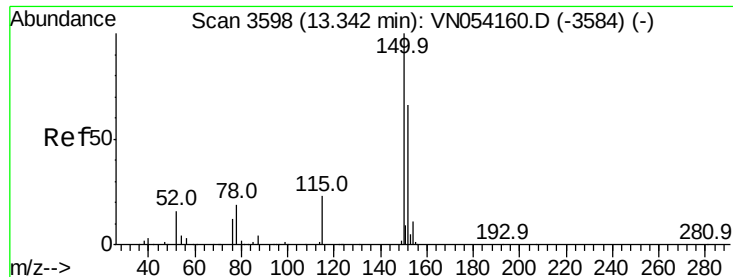


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054249.D

Acq: 14 Mar 2019 8:21

Instrument :

MSVOA_N

ClientSampled :

SP-1

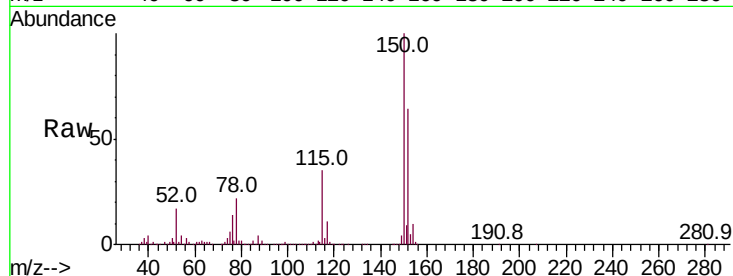
Tot Ion:152 Resp: 1158558

Ion Ratio Lower Upper

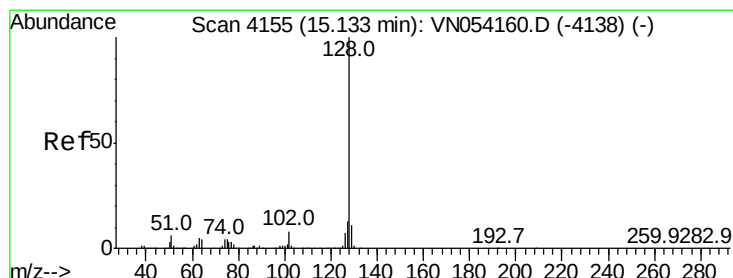
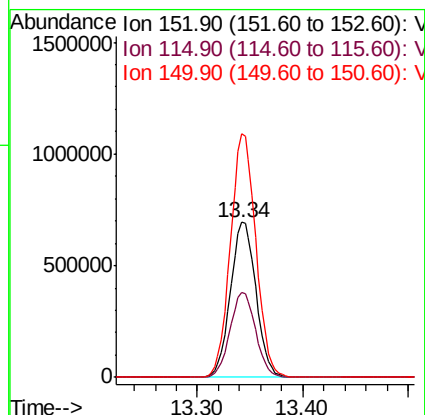
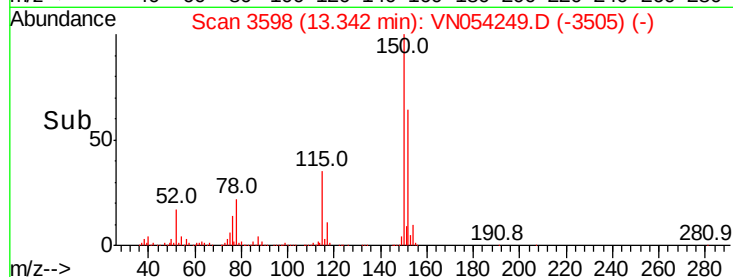
152 100

115 55.0 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: 3.679 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054249.D

Acq: 14 Mar 2019 8:21

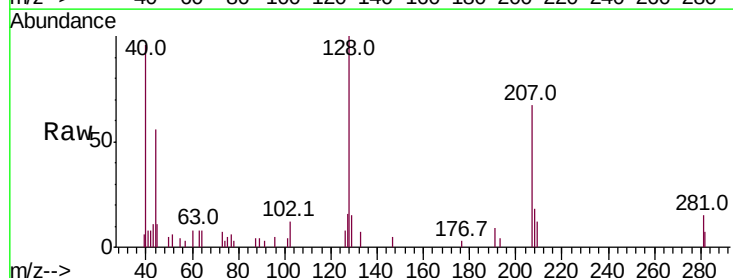
Tgt Ion:128 Resp: 11406

Ion Ratio Lower Upper

128 100

127 14.6 10.1 15.1

129 13.4 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

