

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054237.D
 Acq On : 14 Mar 2019 3:05
 Operator : JC/SP
 Sample : K1870-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-3

Quant Time: Mar 14 08:43:42 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

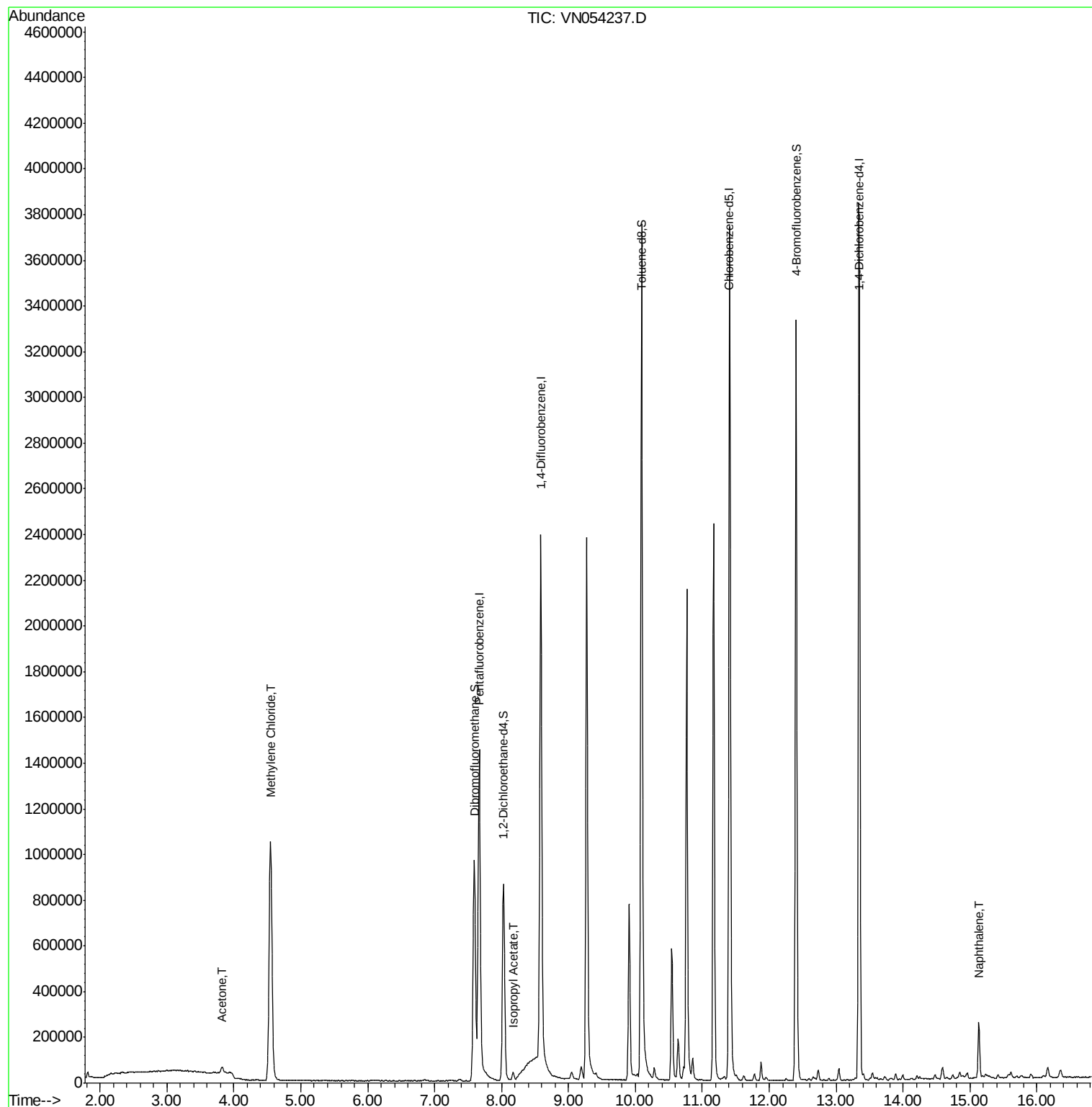
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1418932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2346768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2500669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1144884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	779045	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
35) Dibromofluoromethane	7.59	113	726869	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
50) Toluene-d8	10.09	98	2954043	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.40	95	1148659	58.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.46%	
Target Compounds						
16) Acetone	3.82	43	41265	9.564	ug/l	98
20) Methylene Chloride	4.55	84	834593	58.910	ug/l	99
43) Isopropyl Acetate	8.17	43	38739	1.777	ug/l	99
95) Naphthalene	15.13	128	222482	7.593	ug/l	99

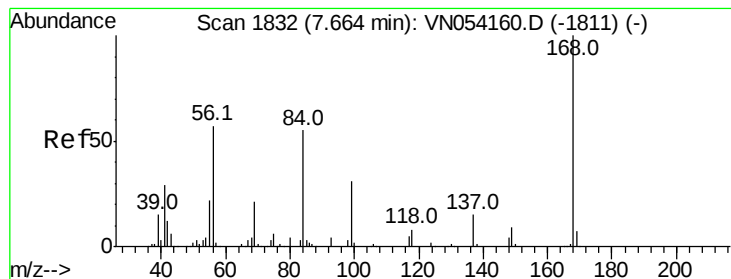
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031319\
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MSVOA_N
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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: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

ClientSampled :

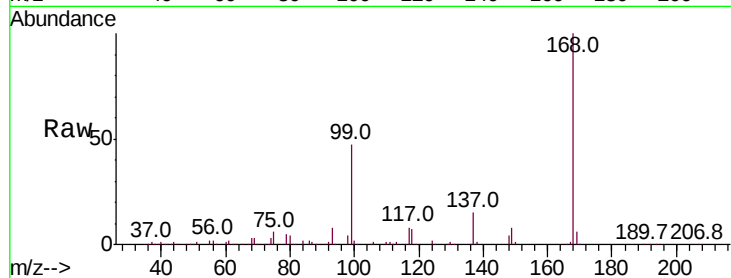
SP-3

Tot Ion:168 Resp: 1418932

Ion Ratio Lower Upper

168 100

99 46.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

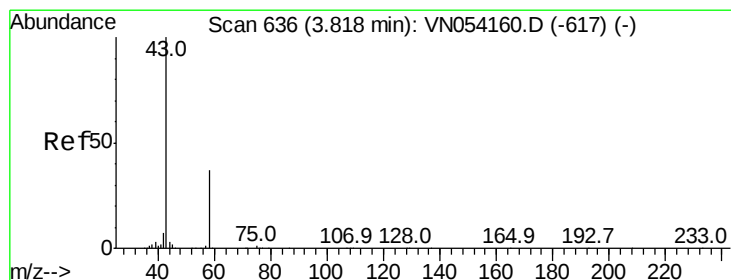
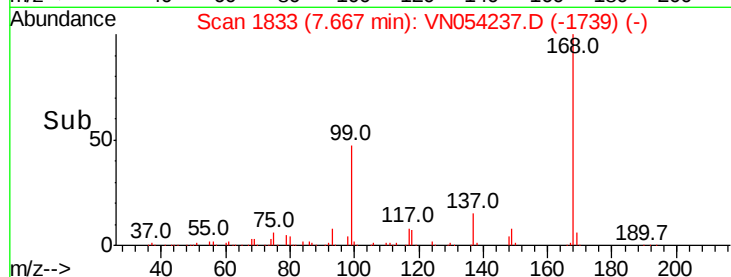
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 9.564 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054237.D

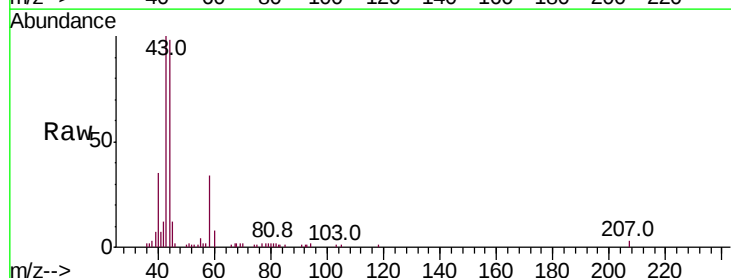
Acq: 14 Mar 2019 3:05

Tgt Ion: 43 Resp: 41265

Ion Ratio Lower Upper

43 100

58 38.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

20000

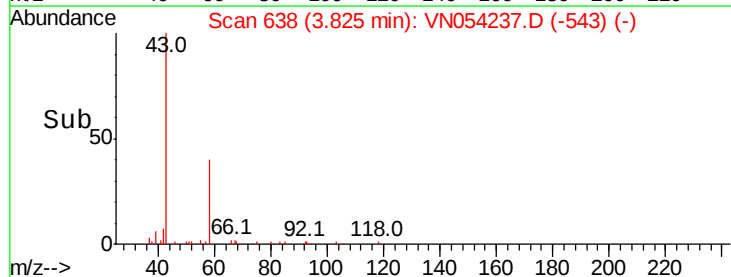
15000

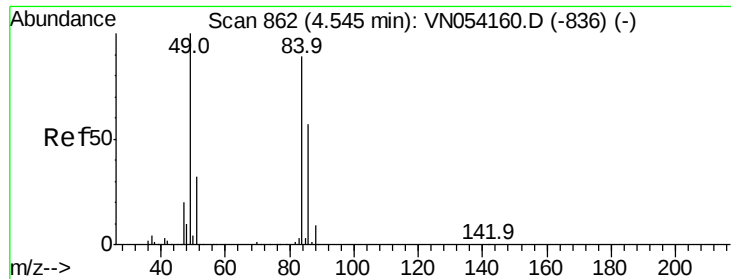
10000

5000

0

Time--> 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 58.910 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

ClientSampleId :

SP-3

Tot Ion: 84 Resp: 834593

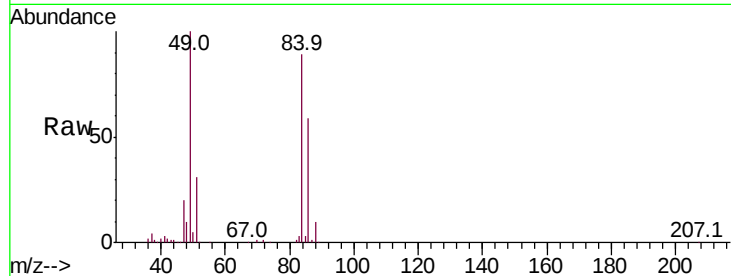
Ion Ratio Lower Upper

84 100

49 111.7 89.7 134.5

51 35.0 28.2 42.4

86 65.5 50.8 76.2

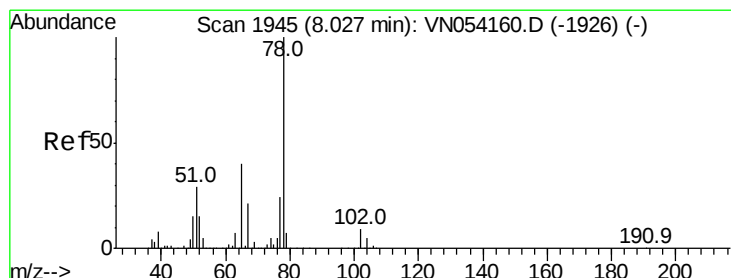
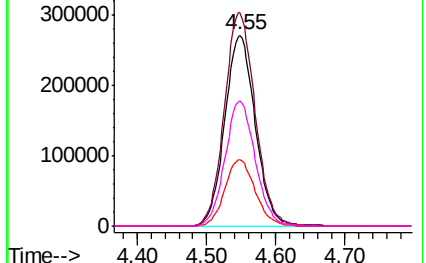
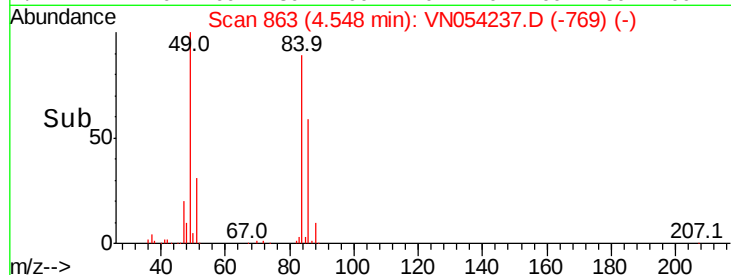


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 51.698 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054237.D

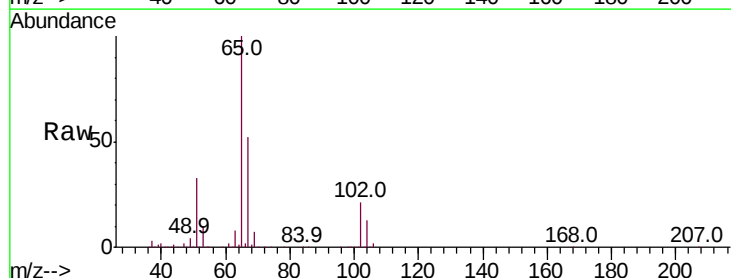
Acq: 14 Mar 2019 3:05

Tgt Ion: 65 Resp: 779045

Ion Ratio Lower Upper

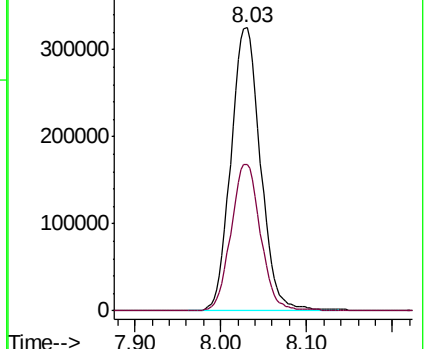
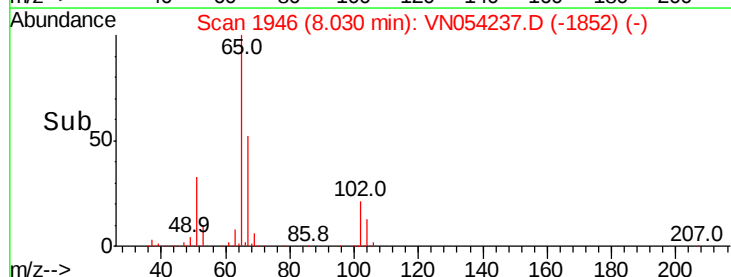
65 100

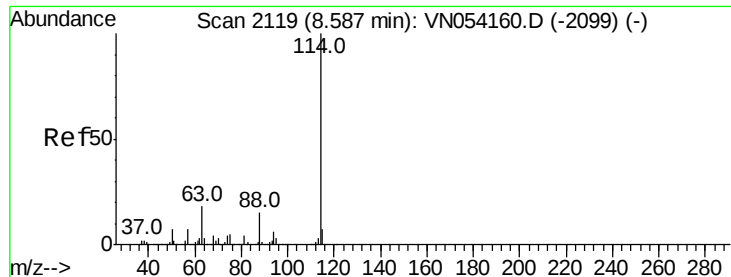
67 51.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



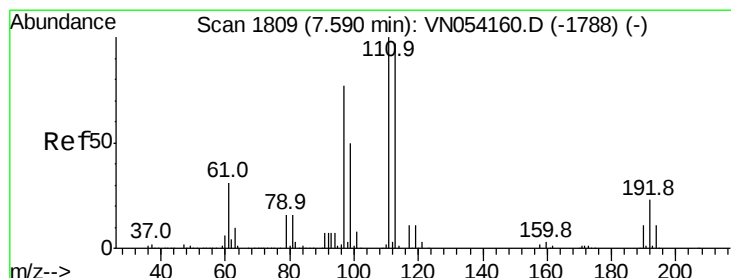
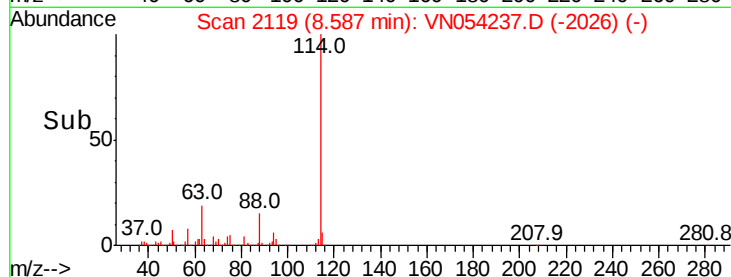
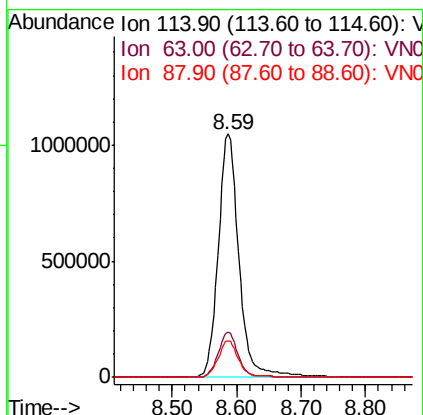
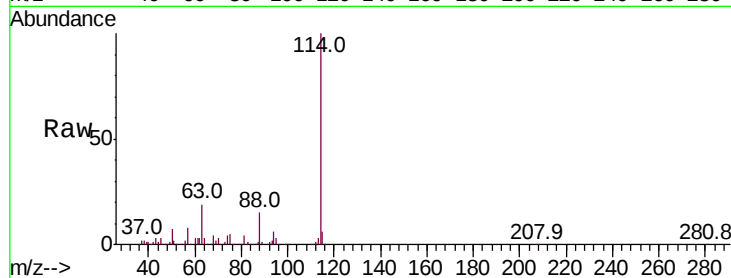


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054237.D
 Acq: 14 Mar 2019 3:05

Instrument :
 MSVOA_N
 ClientSampled :
 SP-3

Tot Ion:114 Resp: 2346768

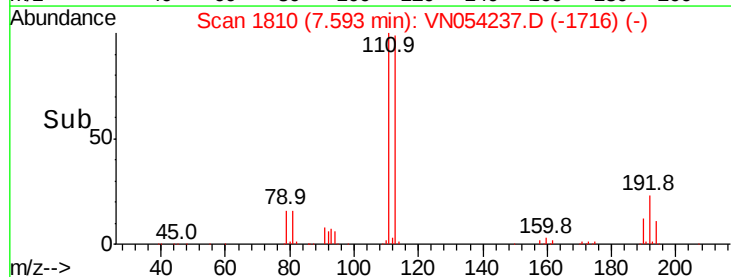
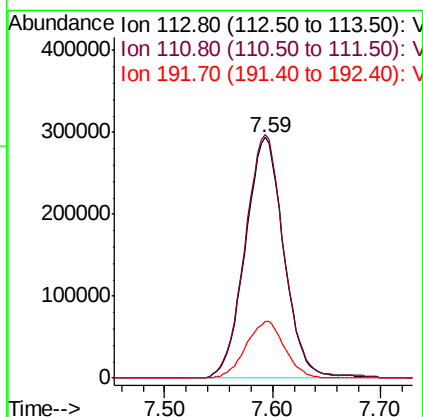
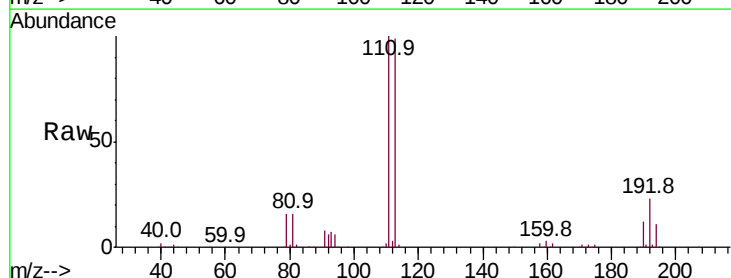
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	35.2
88	15.2	0.0	30.2

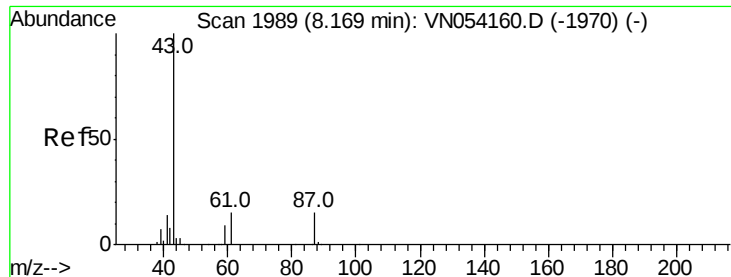


#35
 Dibromofluoromethane
 Concen: 48.024 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054237.D
 Acq: 14 Mar 2019 3:05

Tgt Ion:113 Resp: 726869

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	23.7	19.2	28.8





#43

Isopropyl Acetate

Concen: 1.777 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

ClientSampled :

SP-3

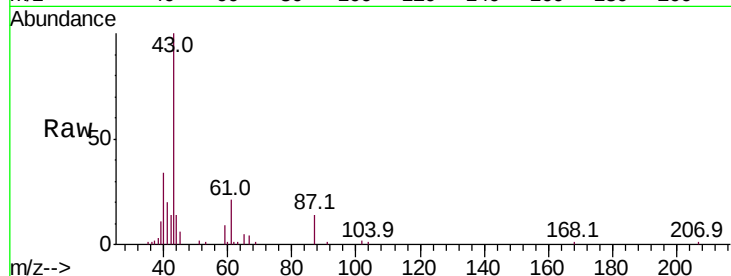
Tot Ion: 43 Resp: 38739

Ion Ratio Lower Upper

43 100

61 20.6 15.8 23.8

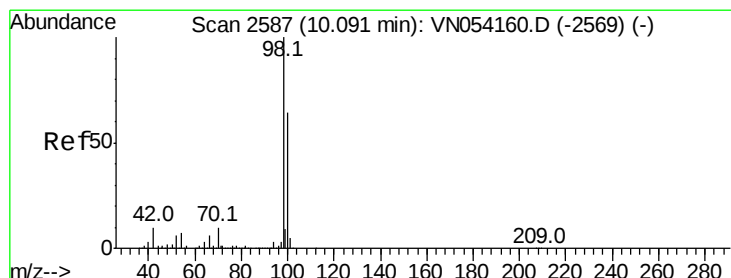
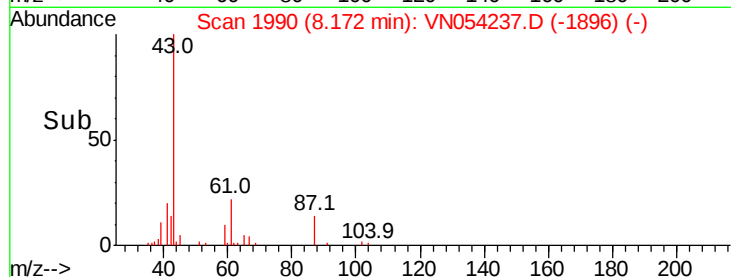
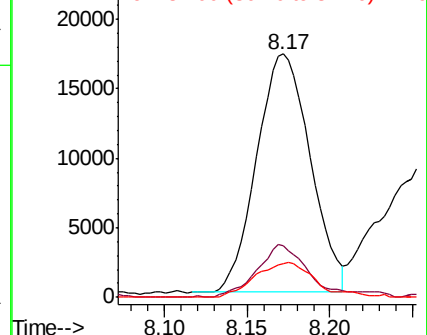
87 15.4 12.0 18.0



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: 52.847 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054237.D

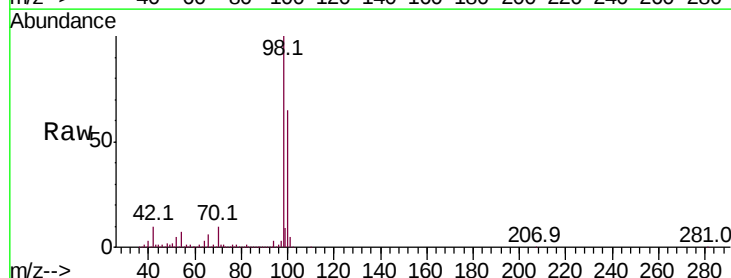
Acq: 14 Mar 2019 3:05

Tgt Ion: 98 Resp: 2954043

Ion Ratio Lower Upper

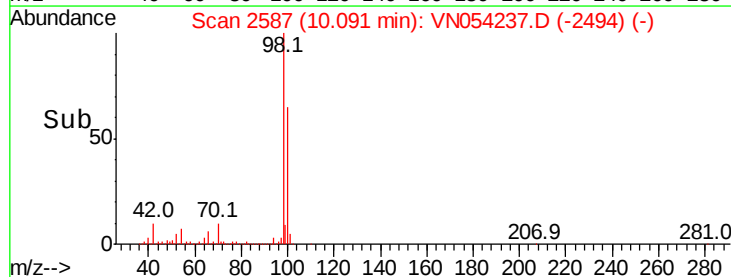
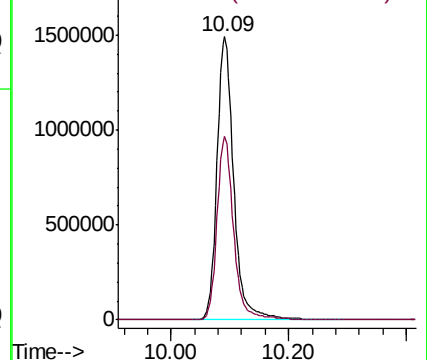
98 100

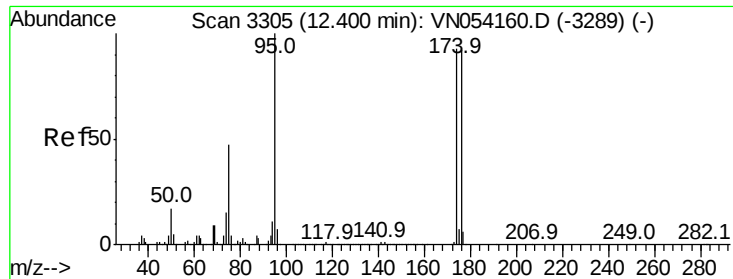
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 58.728 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

ClientSampleId :

SP-3

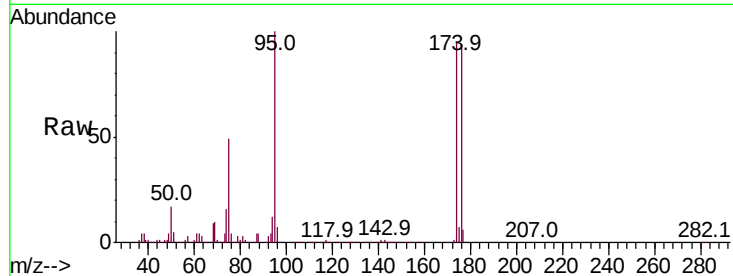
Tot Ion: 95 Resp: 1148659

Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.0

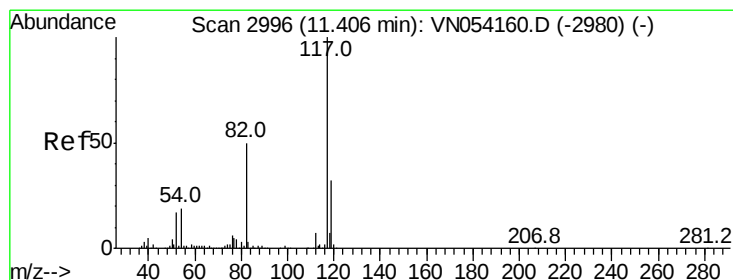
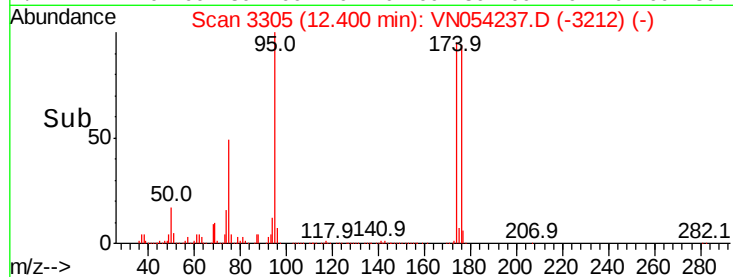
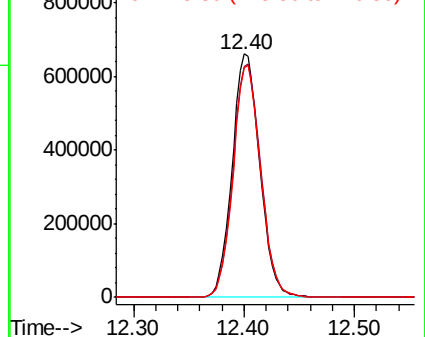
176 94.8 0.0 187.4



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# 2996

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

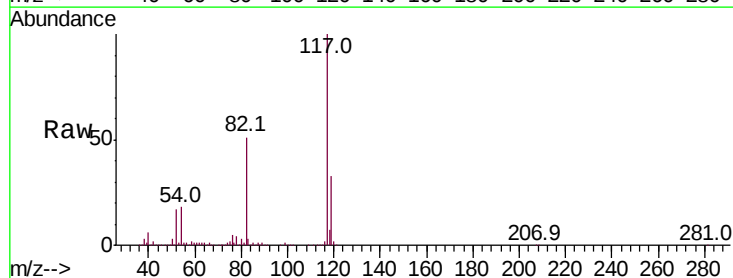
Tgt Ion: 117 Resp: 2500669

Ion Ratio Lower Upper

117 100

82 50.9 40.0 60.0

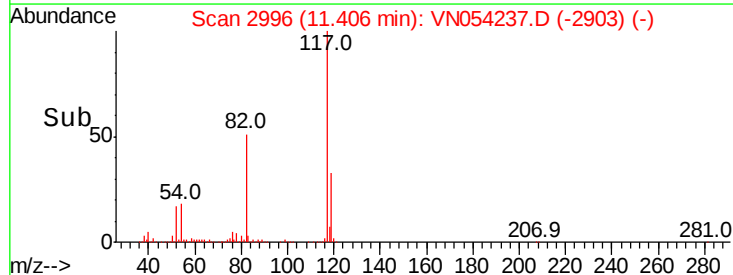
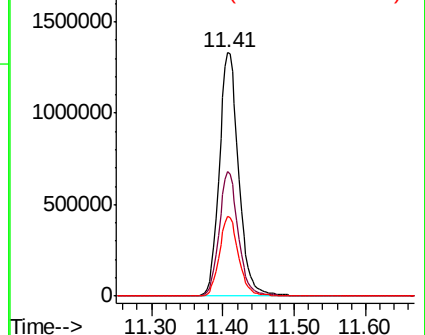
119 32.5 25.8 38.6

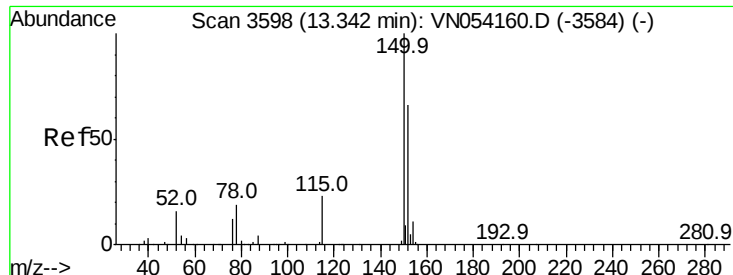


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

Instrument :

MSVOA_N

ClientSampleId :

SP-3

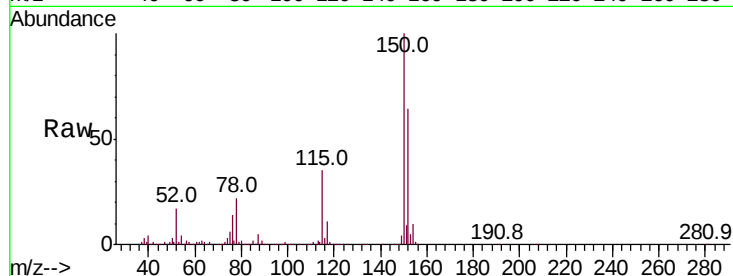
Tot Ion:152 Resp: 1144884

Ion Ratio Lower Upper

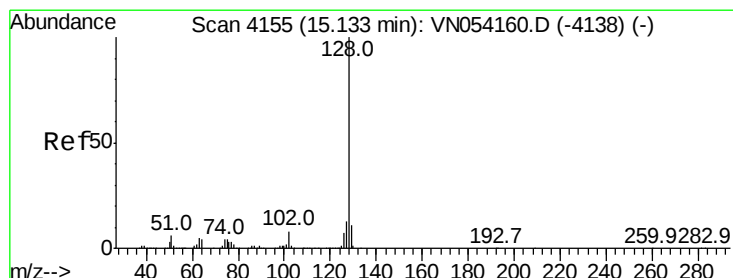
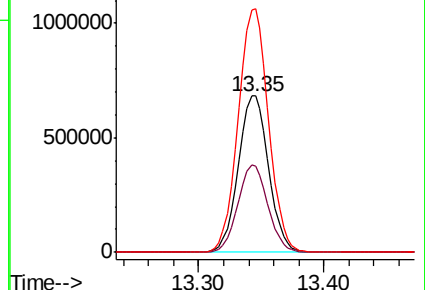
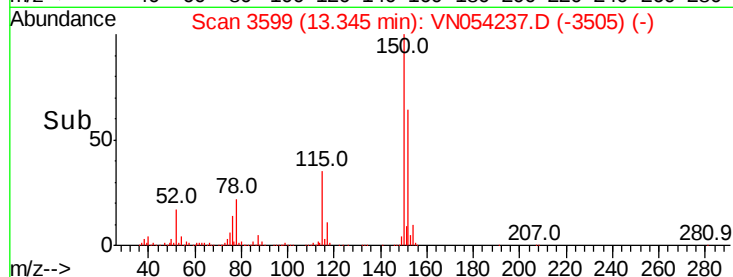
152 100

115 55.2 27.2 81.6

150 155.5 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: 7.593 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054237.D

Acq: 14 Mar 2019 3:05

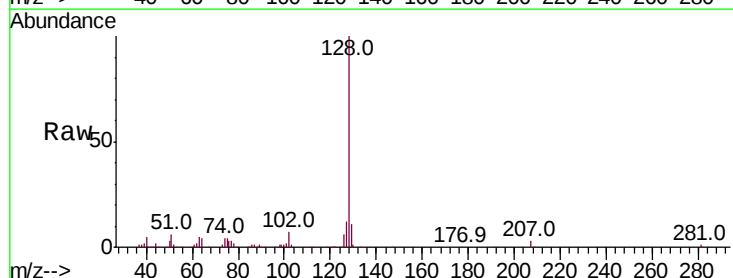
Tgt Ion:128 Resp: 222482

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.9 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

