

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054235.D
 Acq On : 14 Mar 2019 2:12
 Operator : JC/SP
 Sample : K1870-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1

Quant Time: Mar 14 08:40:02 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

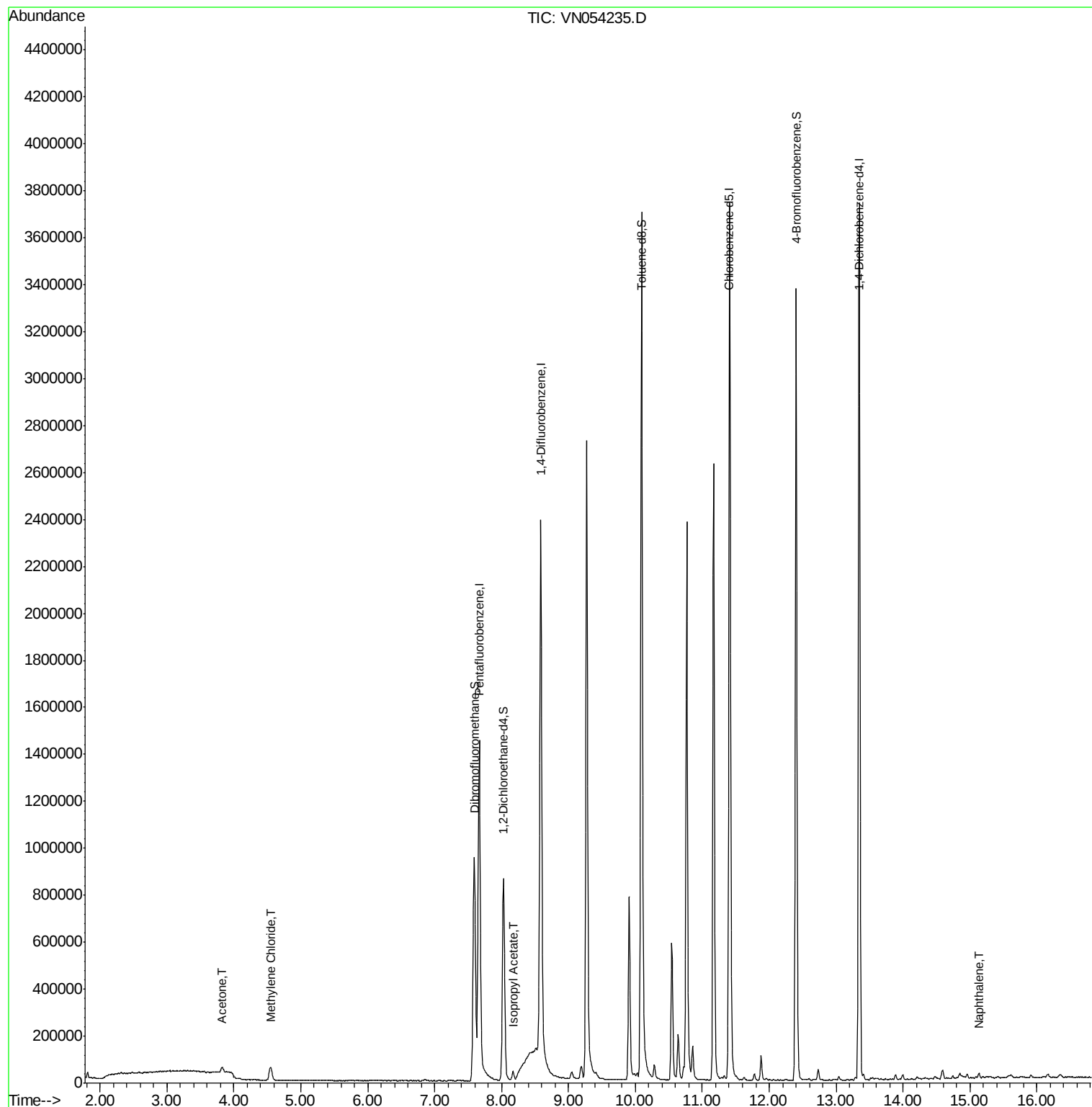
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1407745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2360367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2494975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1116533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	769223	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
35) Dibromofluoromethane	7.59	113	726849	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	10.09	98	2926135	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.40	95	1133078	57.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.20%	
Target Compounds						
16) Acetone	3.82	43	33926	7.926	ug/l	93
20) Methylene Chloride	4.55	84	45667	3.249	ug/l	93
43) Isopropyl Acetate	8.17	43	42064	1.919	ug/l	95
95) Naphthalene	15.14	128	19387	3.838	ug/l	99

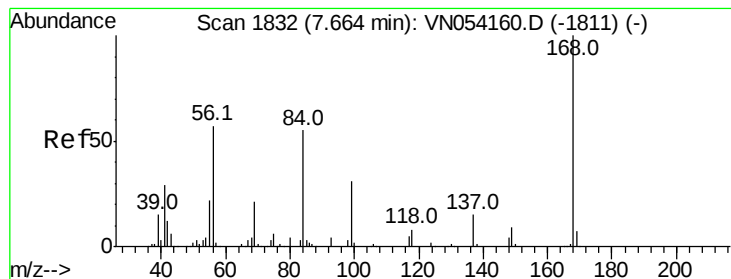
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031319\
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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: VN054235.D

Acq: 14 Mar 2019 2:12

Instrument :

MSVOA_N

ClientSampled :

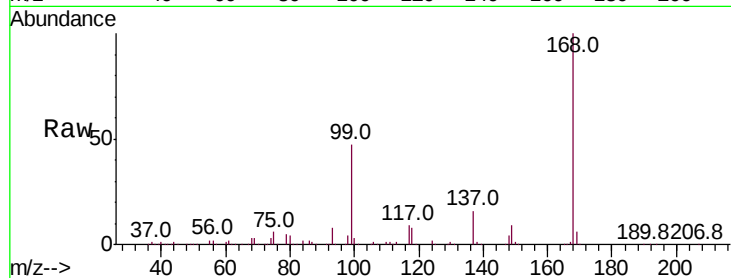
SP-1

Tot Ion:168 Resp: 1407745

Ion Ratio Lower Upper

168 100

99 47.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

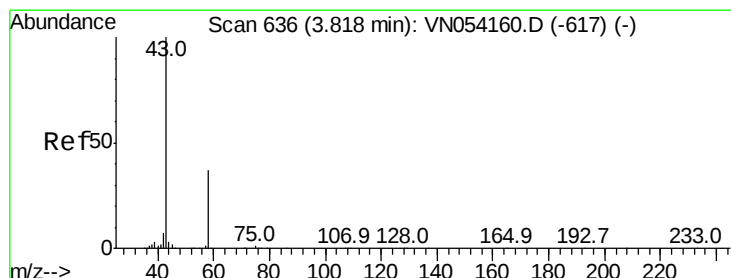
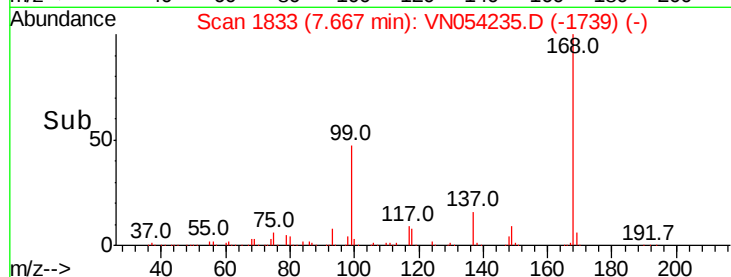
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 7.926 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054235.D

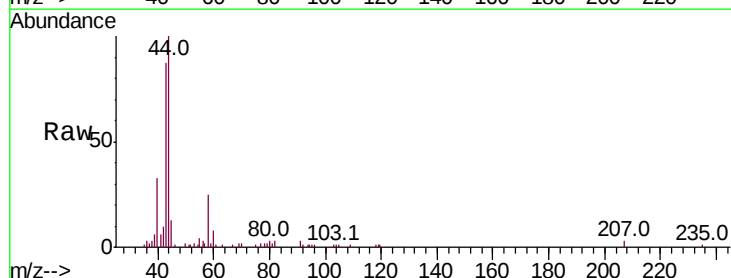
Acq: 14 Mar 2019 2:12

Tgt Ion: 43 Resp: 33926

Ion Ratio Lower Upper

43 100

58 32.9 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

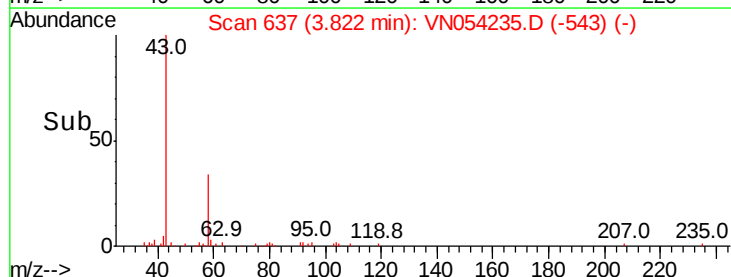
15000

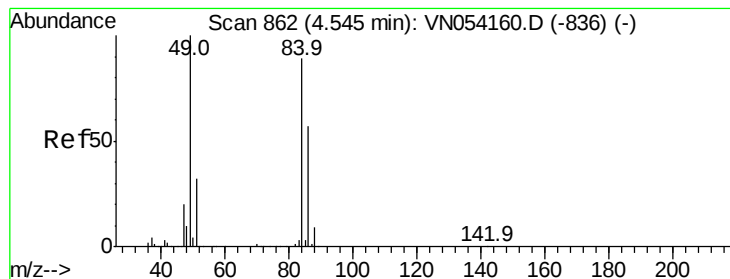
10000

5000

0

Time--> 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 3.249 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054235.D

Acq: 14 Mar 2019 2:12

Instrument :

MSVOA_N

ClientSampled :

SP-1

Tot Ion: 84 Resp: 45667

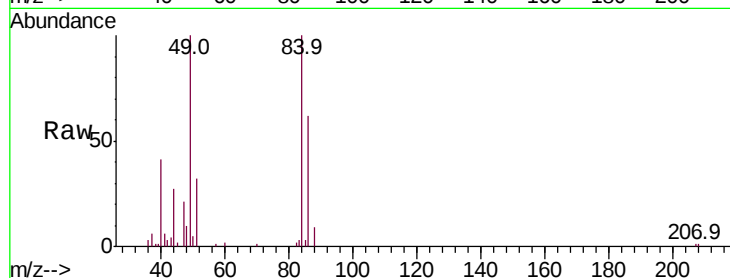
Ion Ratio Lower Upper

84 100

49 99.9 89.7 134.5

51 32.2 28.2 42.4

86 62.4 50.8 76.2



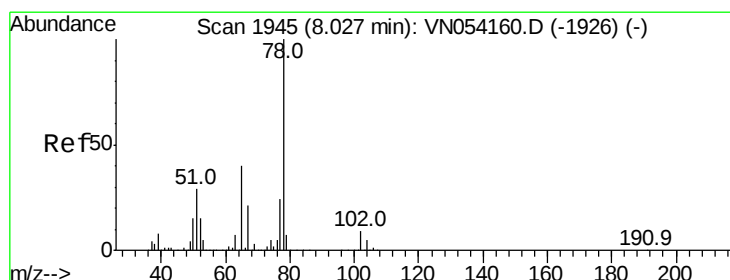
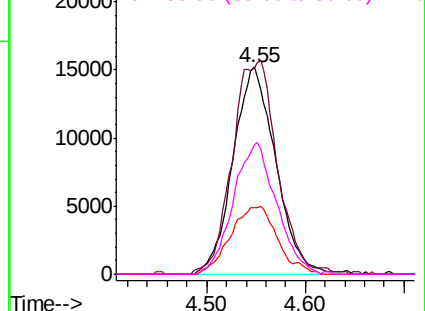
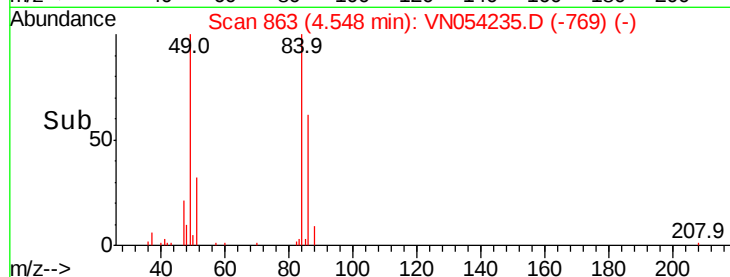
Abundance

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: 51.452 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054235.D

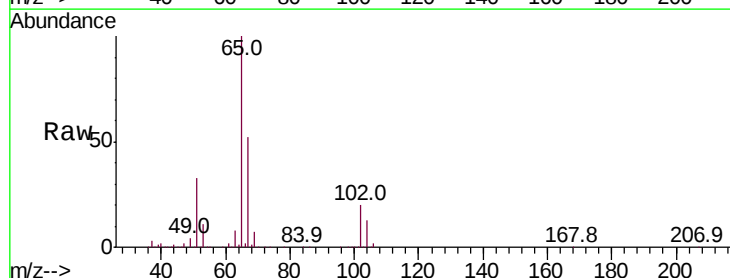
Acq: 14 Mar 2019 2:12

Tgt Ion: 65 Resp: 769223

Ion Ratio Lower Upper

65 100

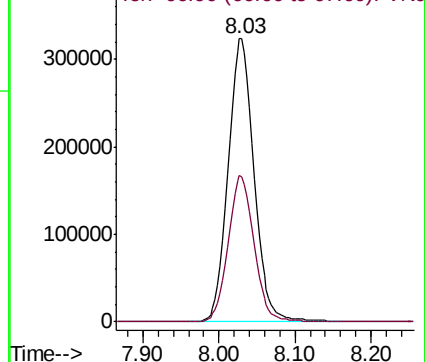
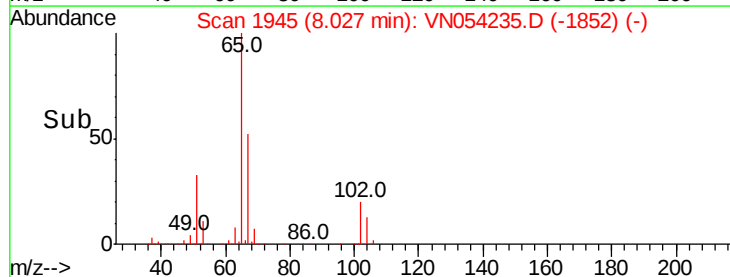
67 51.5 0.0 104.6

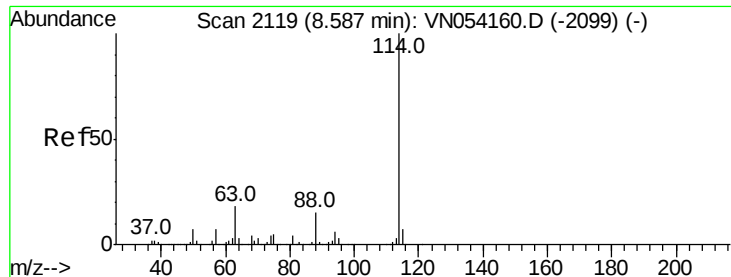


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



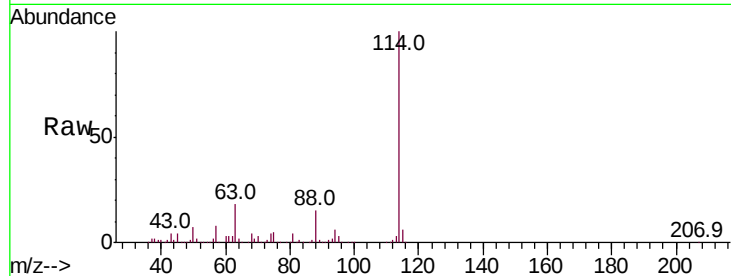


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

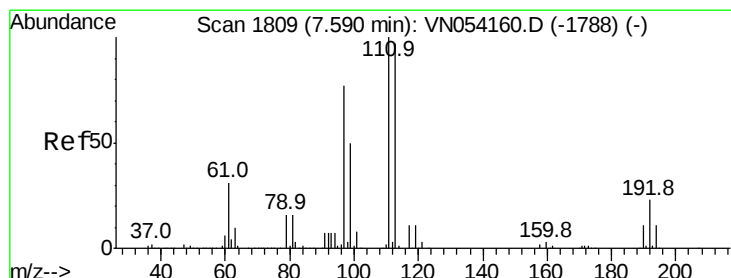
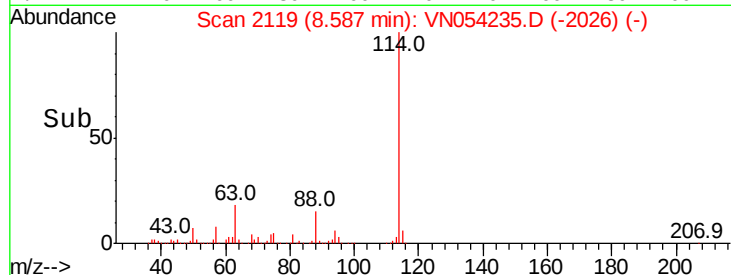
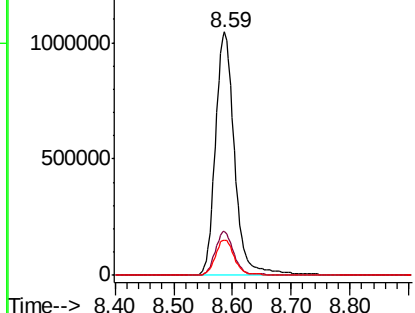
Instrument :
MSVOA_N
ClientSampled :
SP-1

Tot Ion:114 Resp: 2360367

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.2
88	14.6	0.0	30.2



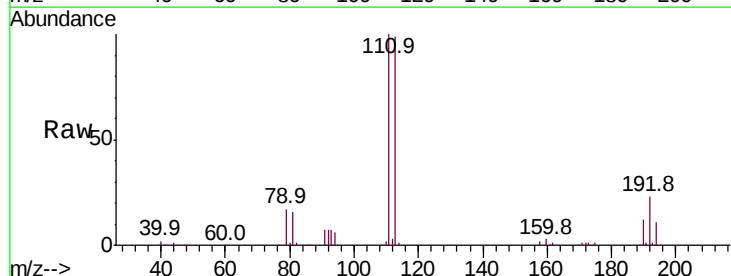
Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN



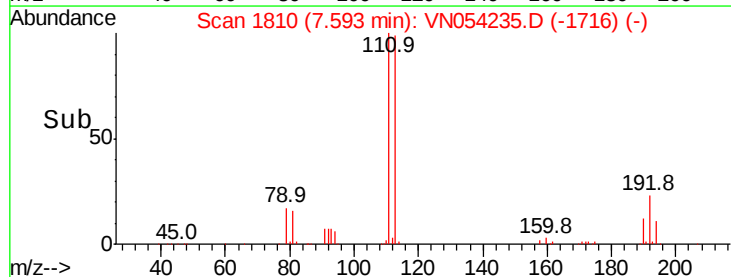
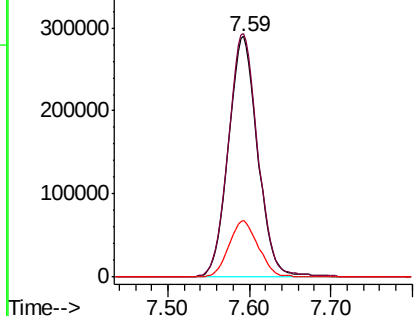
#35
Dibromofluoromethane
Concen: 47.746 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054235.D
Acq: 14 Mar 2019 2:12

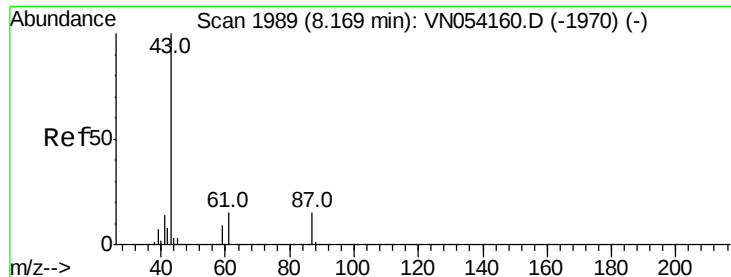
Tgt Ion:113 Resp: 726849

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	23.7	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: 1.919 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054235.D

Acq: 14 Mar 2019 2:12

Instrument :

MSVOA_N

ClientSampled :

SP-1

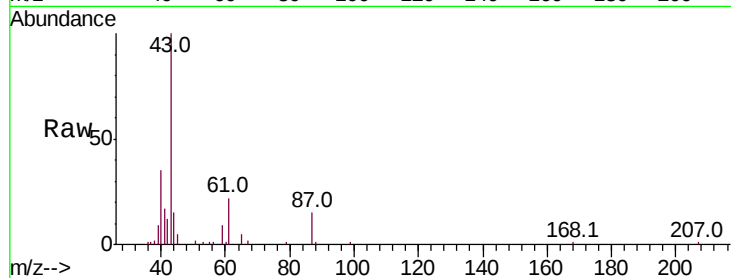
Tot Ion: 43 Resp: 42064

Ion Ratio Lower Upper

43 100

61 23.6 15.8 23.8

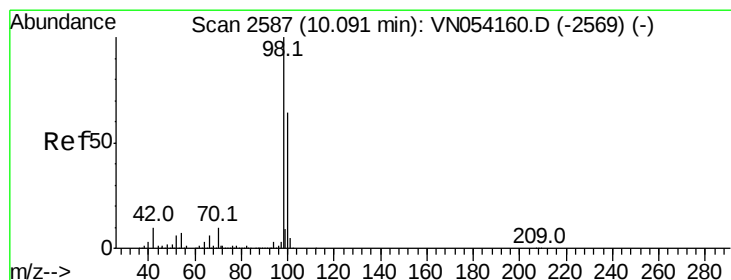
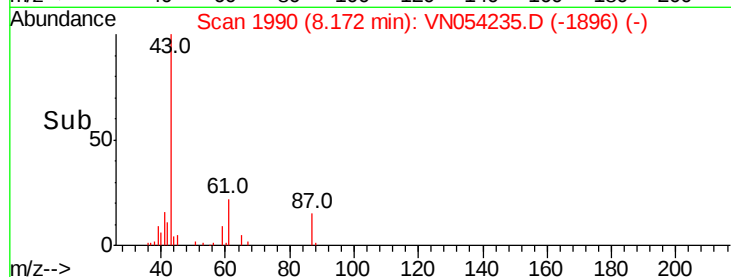
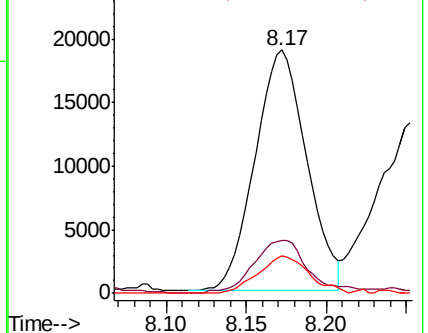
87 15.3 12.0 18.0



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: 52.046 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054235.D

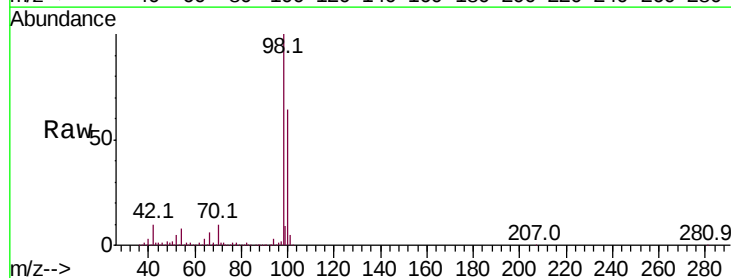
Acq: 14 Mar 2019 2:12

Tgt Ion: 98 Resp: 2926135

Ion Ratio Lower Upper

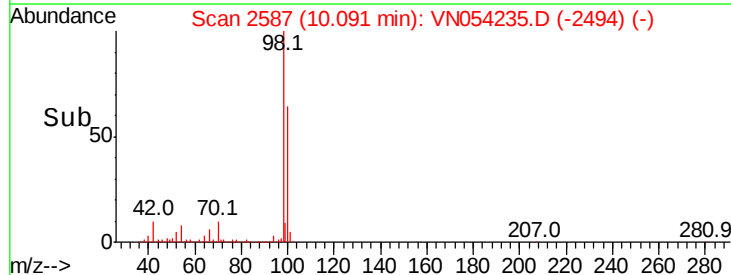
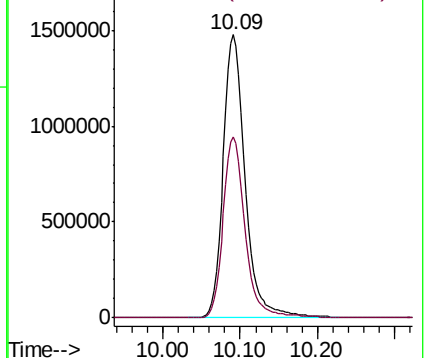
98 100

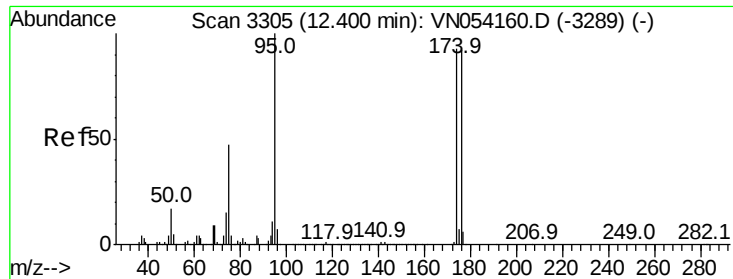
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 57.598 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054235.D

Acq: 14 Mar 2019 2:12

Instrument :

MSVOA_N

ClientSampled :

SP-1

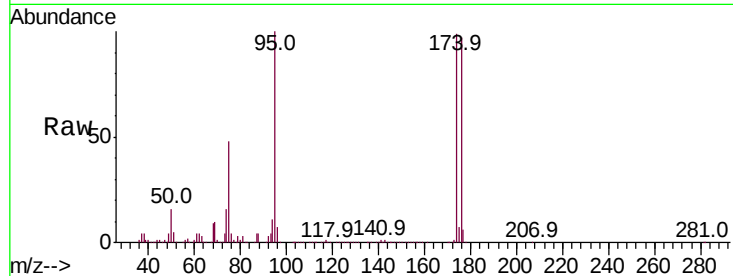
Tot Ion: 95 Resp: 1133078

Ion Ratio Lower Upper

95 100

174 96.7 0.0 191.0

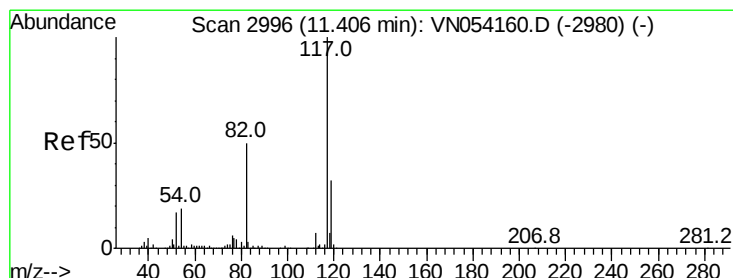
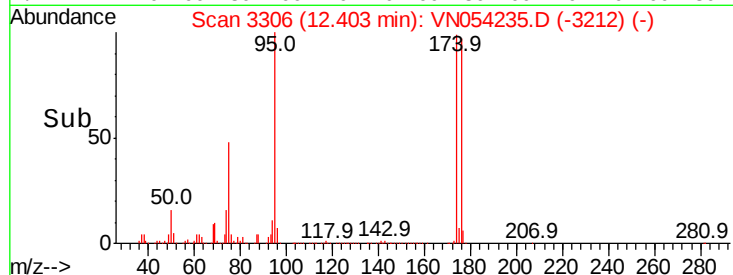
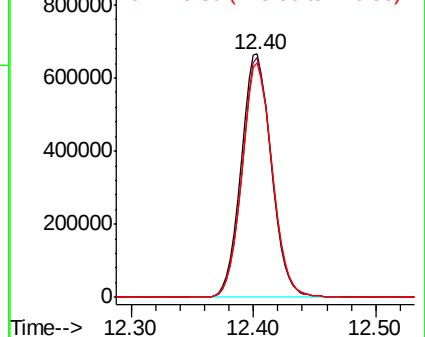
176 95.6 0.0 187.4



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054235.D

Acq: 14 Mar 2019 2:12

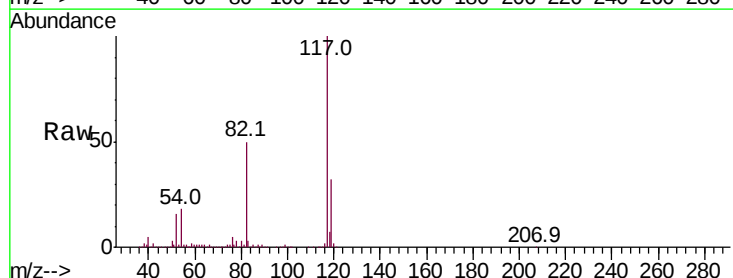
Tgt Ion: 117 Resp: 2494975

Ion Ratio Lower Upper

117 100

82 50.1 40.0 60.0

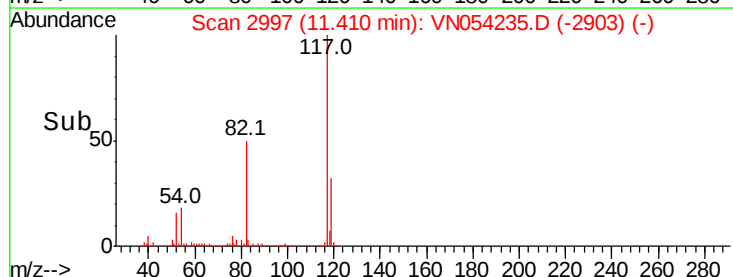
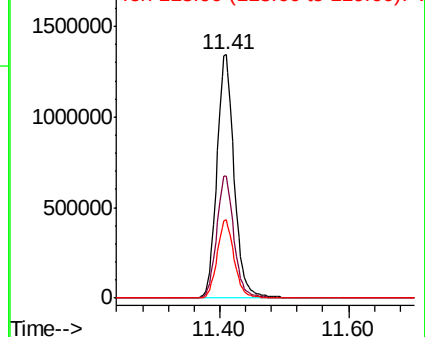
119 32.0 25.8 38.6

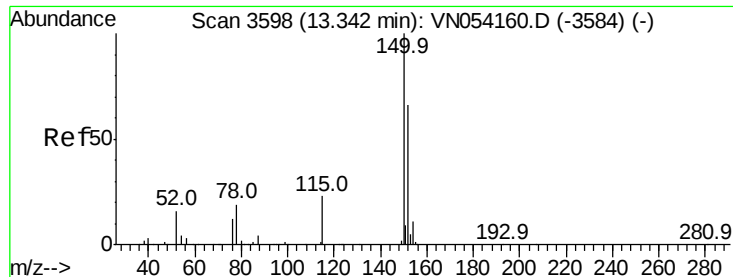


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: VN054235.D

Acq: 14 Mar 2019 2:12

Instrument :

MSVOA_N

ClientSampleId :

SP-1

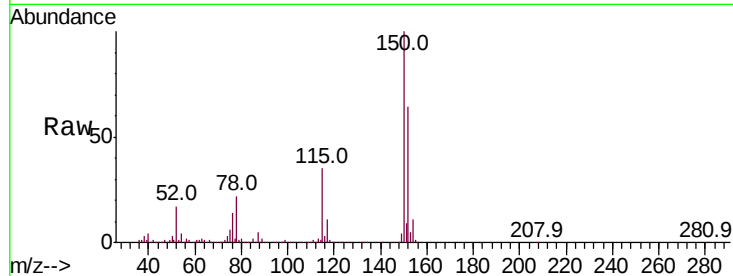
Tot Ion:152 Resp: 1116533

Ion Ratio Lower Upper

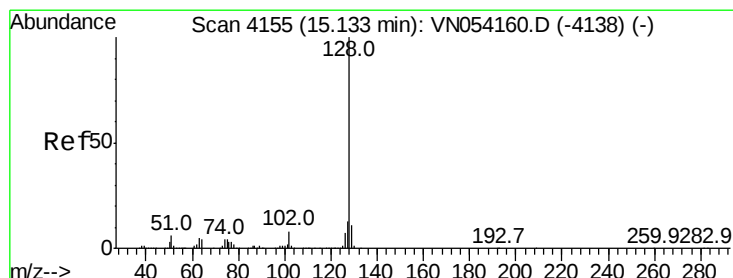
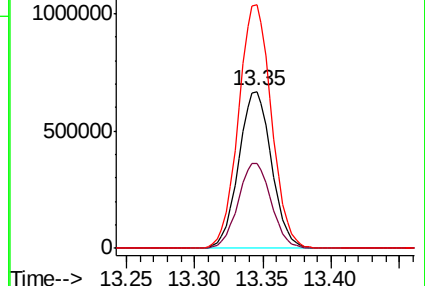
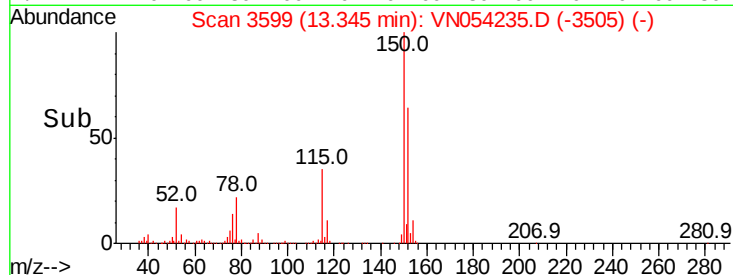
152 100

115 54.8 27.2 81.6

150 155.9 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: 3.838 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN054235.D

Acq: 14 Mar 2019 2:12

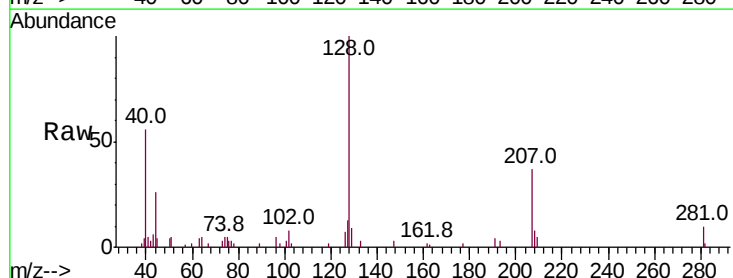
Tgt Ion:128 Resp: 19387

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 11.4 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

