

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
 Data File : VN054450.D
 Acq On : 19 Mar 2019 19:45
 Operator : JC/SP
 Sample : K1693-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-031819-B

Quant Time: Mar 20 04:56:53 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

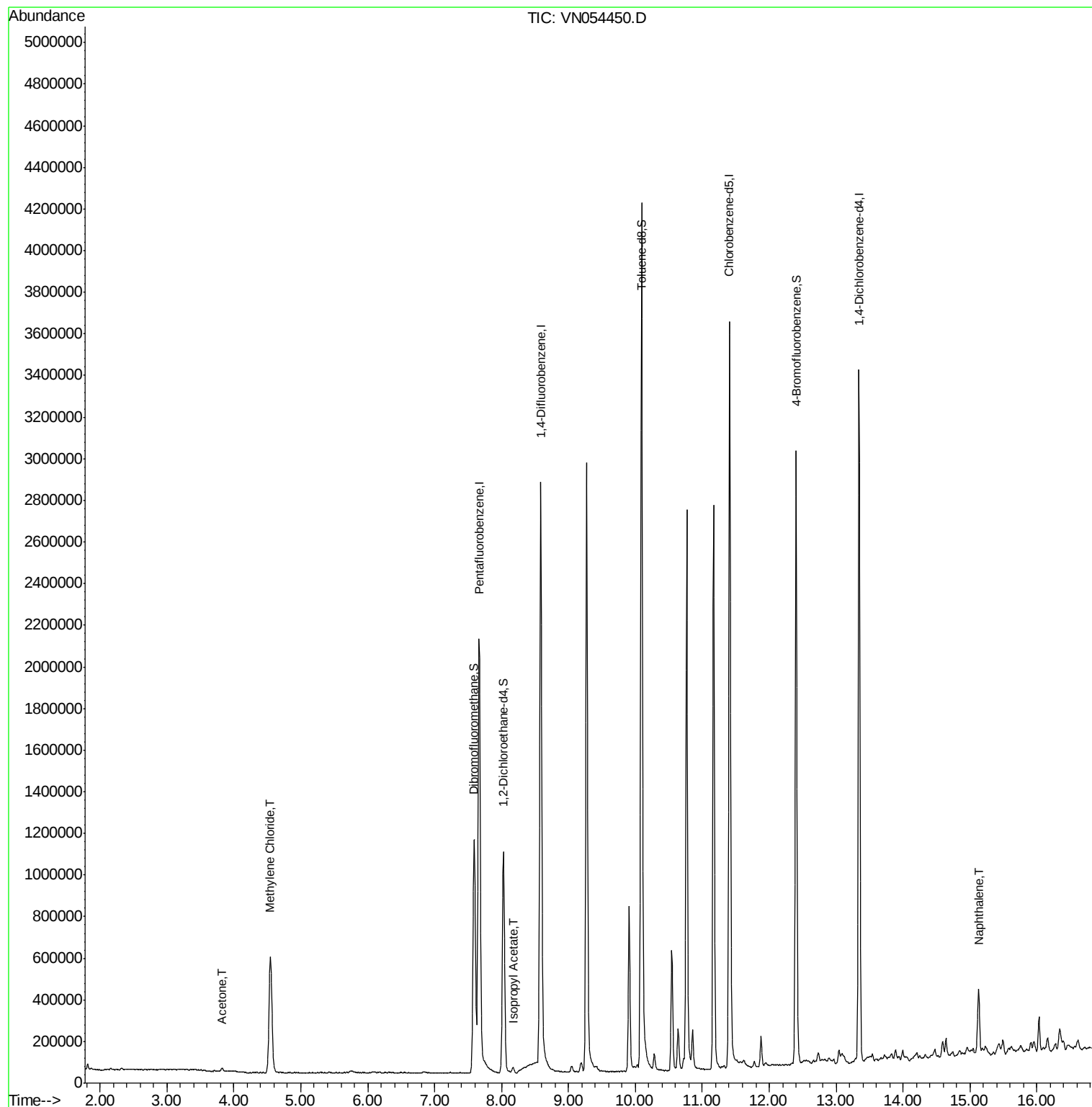
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	2102640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2969706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2495203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1018362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	897753	40.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.40%	
35) Dibromofluoromethane	7.59	113	874783	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
50) Toluene-d8	10.09	98	3409278	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.40	95	1066735	43.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.20%	
Target Compounds						
16) Acetone	3.82	43	23241	3.635	ug/l	95
20) Methylene Chloride	4.55	84	468994	22.340	ug/l	95
43) Isopropyl Acetate	8.17	43	31017	1.125	ug/l #	95
95) Naphthalene	15.13	128	274384	9.186	ug/l	100

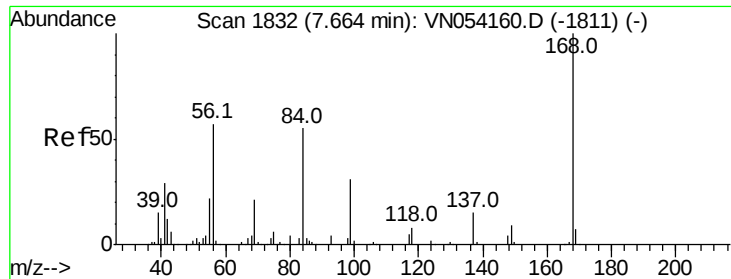
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031919\
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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: VN054450.D

Acq: 19 Mar 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

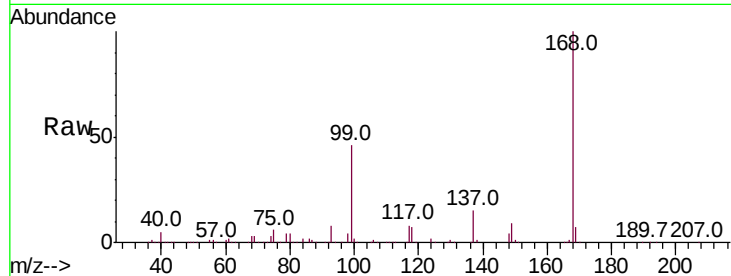
OR-03-031819-B

Tot Ion:168 Resp: 2102640

Ion Ratio Lower Upper

168 100

99 46.1 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

800000

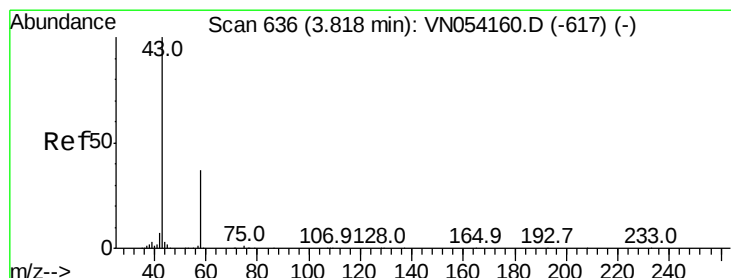
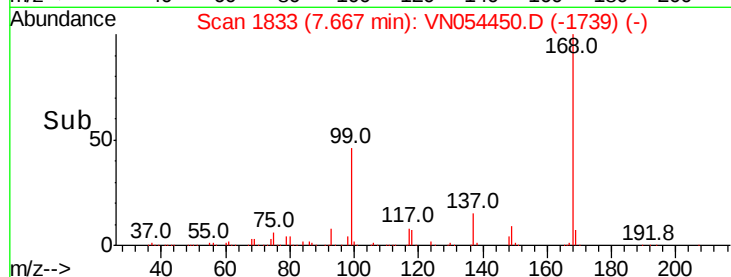
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 3.635 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054450.D

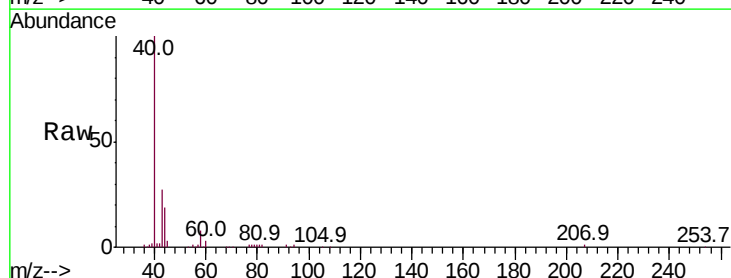
Acq: 19 Mar 2019 19:45

Tgt Ion: 43 Resp: 23241

Ion Ratio Lower Upper

43 100

58 34.2 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

12000

10000

8000

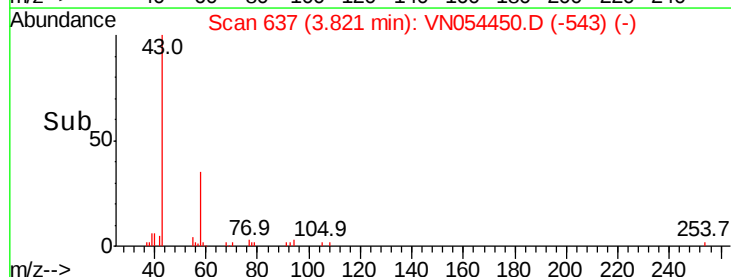
6000

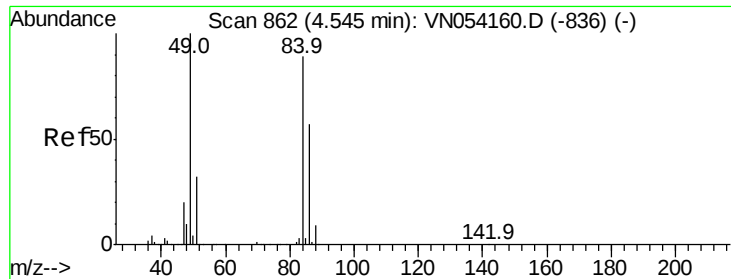
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 22.340 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054450.D

Acq: 19 Mar 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

OR-03-031819-B

Tot Ion: 84 Resp: 468994

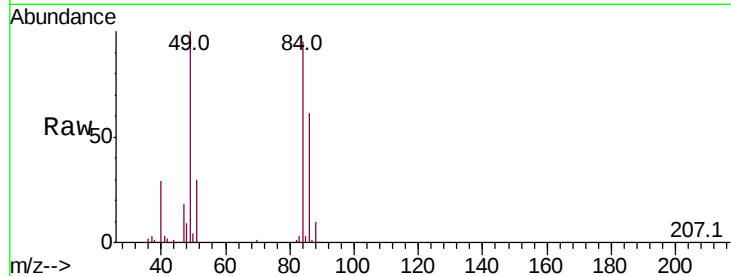
Ion Ratio Lower Upper

84 100

49 104.9 89.7 134.5

51 31.5 28.2 42.4

86 63.9 50.8 76.2

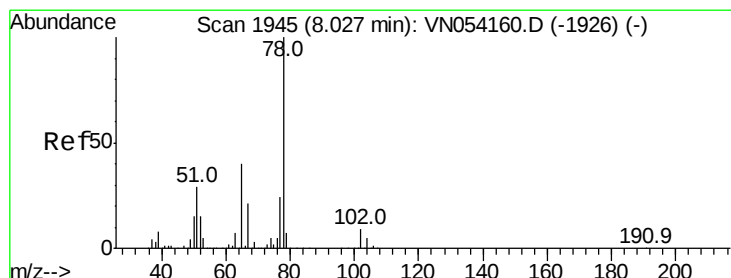
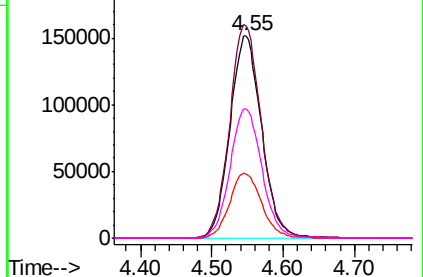
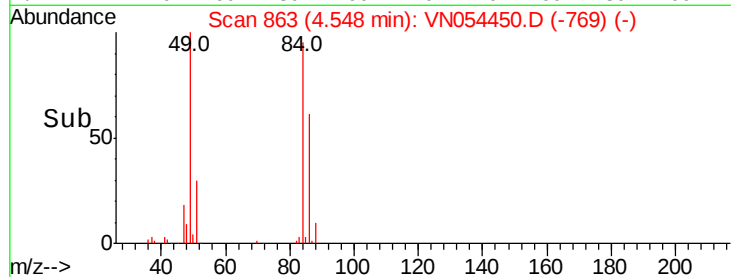


Abundance Ion 83.90 (83.60 to 84.60): VN054160.D (-836) (-)

Ion 48.90 (48.60 to 49.60): VN054160.D (-836) (-)

Ion 50.90 (50.60 to 51.60): VN054160.D (-836) (-)

Ion 85.90 (85.60 to 86.60): VN054160.D (-836) (-)



#33

1,2-Dichloroethane-d4

Concen: 40.204 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054450.D

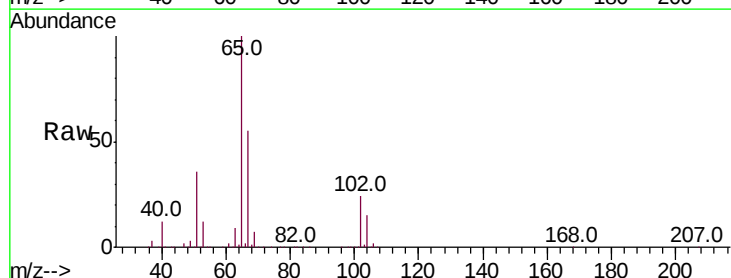
Acq: 19 Mar 2019 19:45

Tgt Ion: 65 Resp: 897753

Ion Ratio Lower Upper

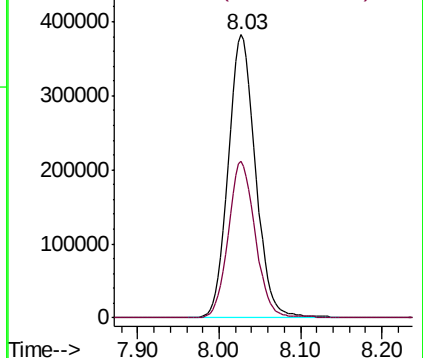
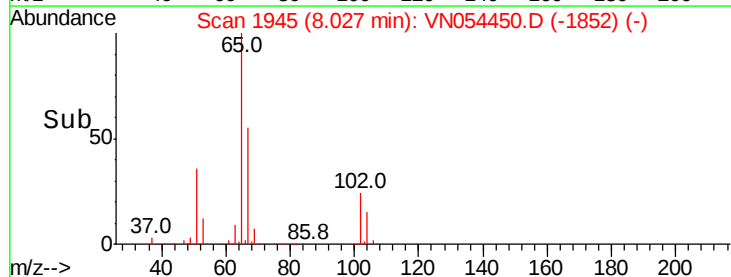
65 100

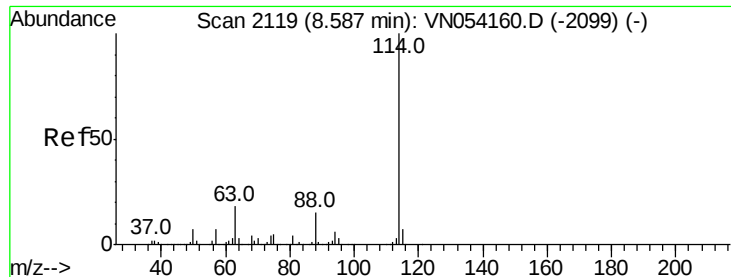
67 55.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054160.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN054160.D (-1926) (-)

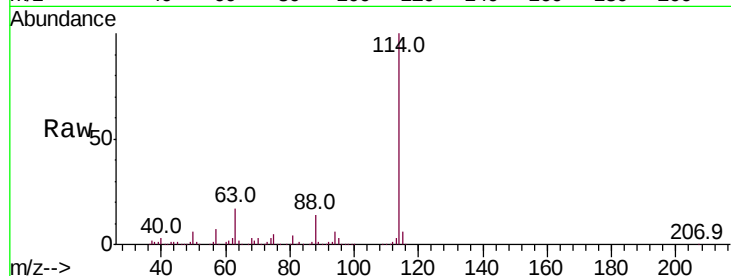




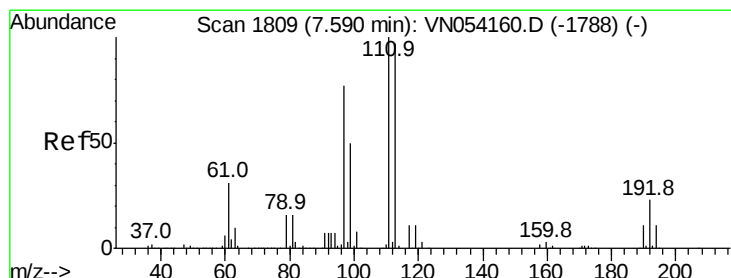
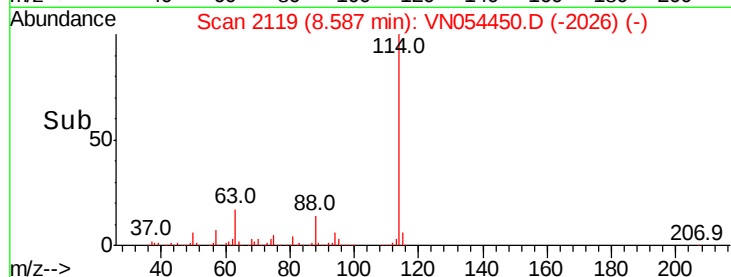
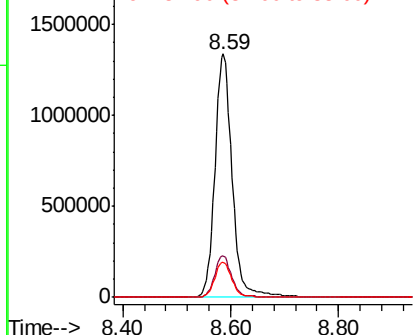
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054450.D
 Acq: 19 Mar 2019 19:45

Instrument :
 MSVOA_N
 ClientSampled :
 OR-03-031819-B

Tot Ion:114 Resp: 2969706
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.2
 88 14.5 0.0 30.2

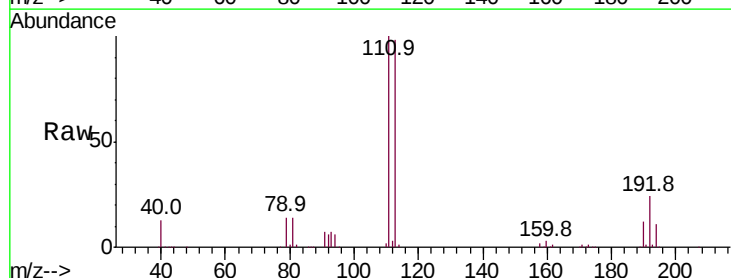


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

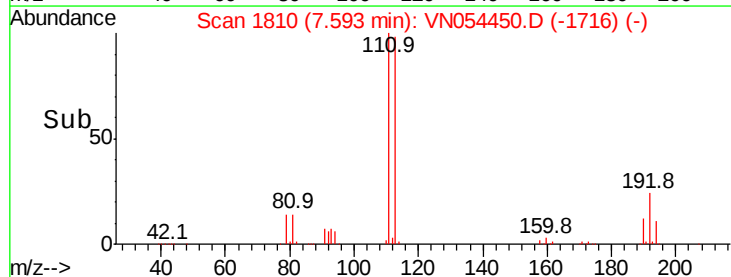
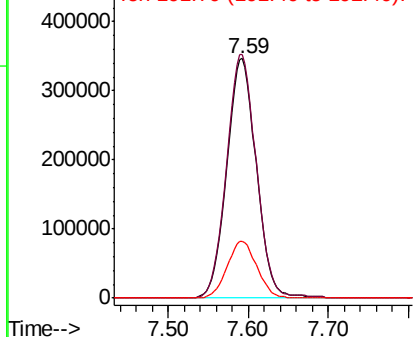


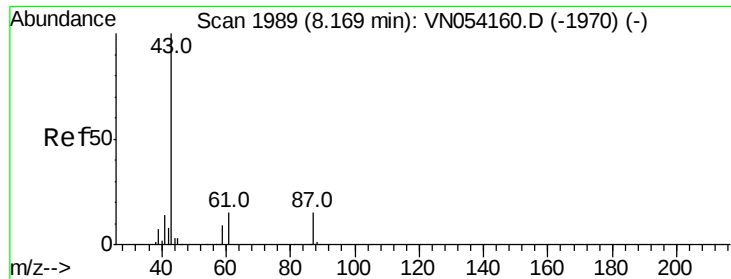
#35
 Dibromofluoromethane
 Concen: 45.673 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054450.D
 Acq: 19 Mar 2019 19:45

Tgt Ion:113 Resp: 874783
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 23.9 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: 1.125 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054450.D

Acq: 19 Mar 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

OR-03-031819-B

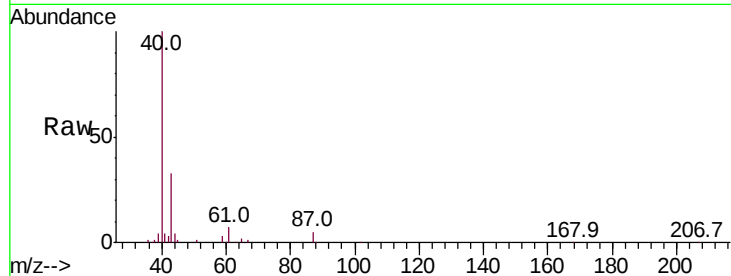
Tot Ion: 43 Resp: 31017

Ion Ratio Lower Upper

43 100

61 23.8 15.8 23.8#

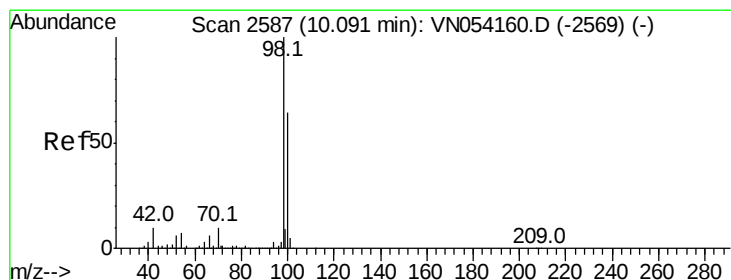
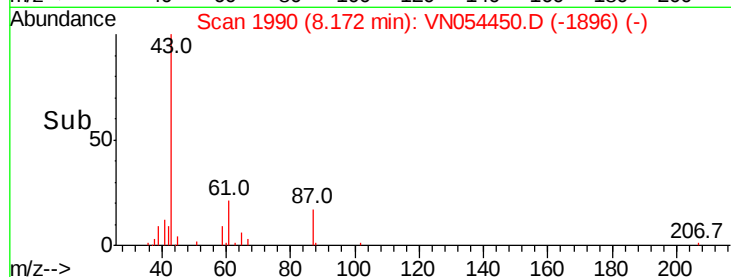
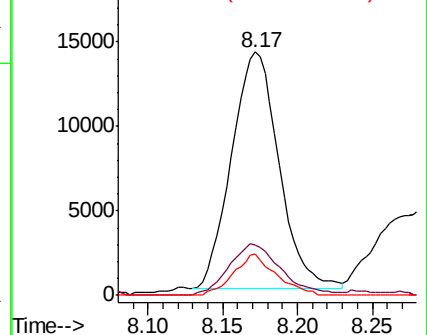
87 15.4 12.0 18.0



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: 48.197 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054450.D

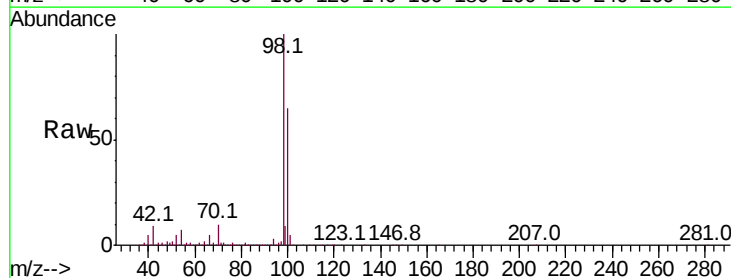
Acq: 19 Mar 2019 19:45

Tgt Ion: 98 Resp: 3409278

Ion Ratio Lower Upper

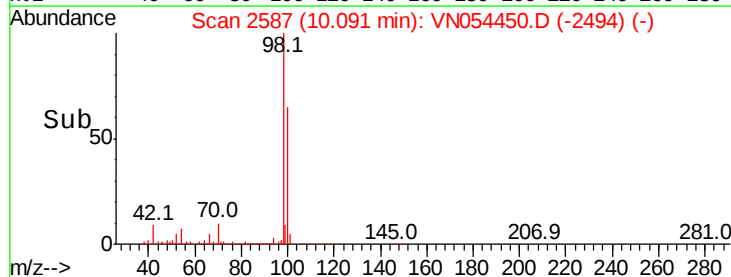
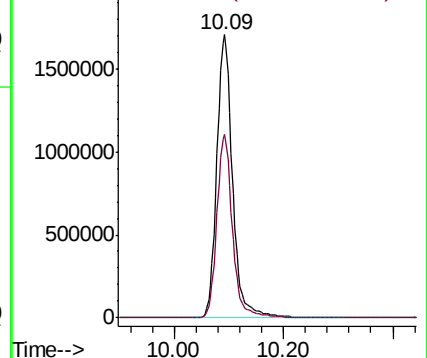
98 100

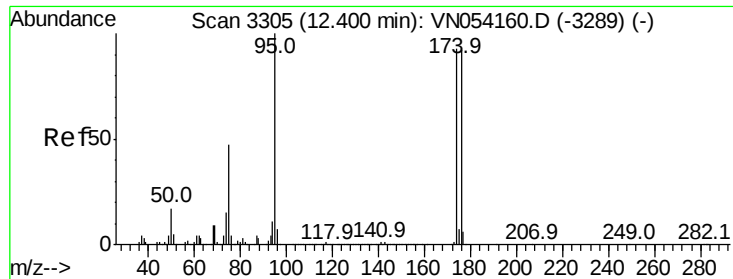
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.099 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054450.D

Acq: 19 Mar 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

OR-03-031819-B

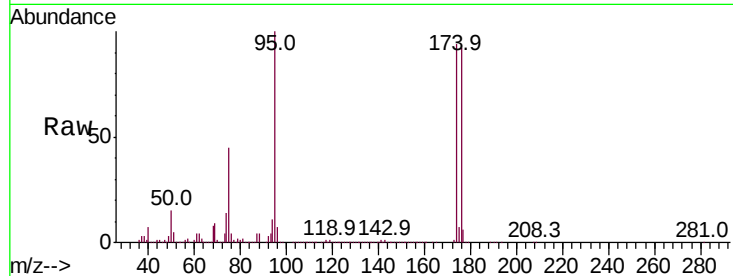
Tot Ion: 95 Resp: 1066735

Ion Ratio Lower Upper

95 100

174 96.1 0.0 191.0

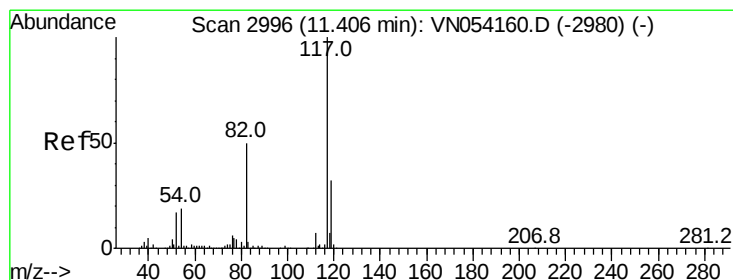
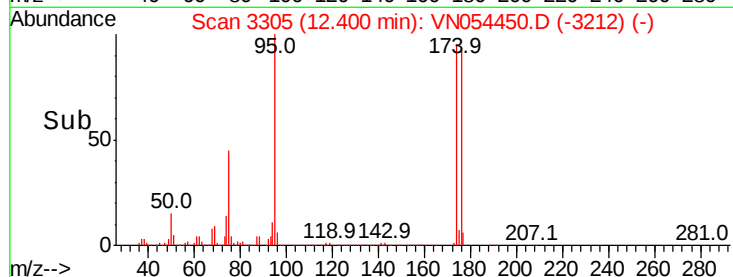
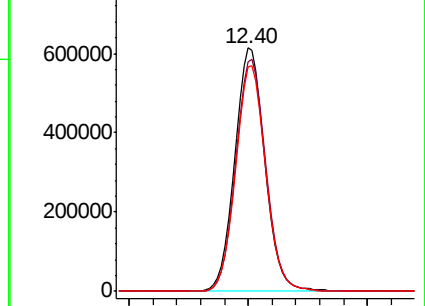
176 93.0 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054450.D

Acq: 19 Mar 2019 19:45

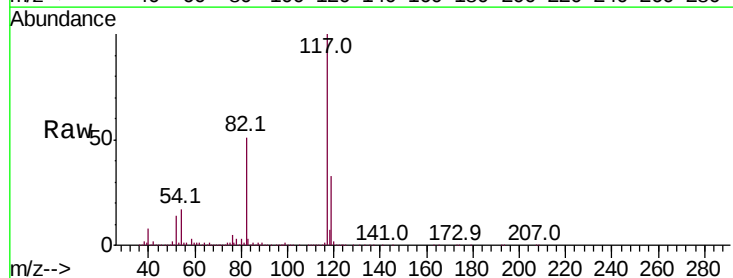
Tgt Ion: 117 Resp: 2495203

Ion Ratio Lower Upper

117 100

82 51.2 40.0 60.0

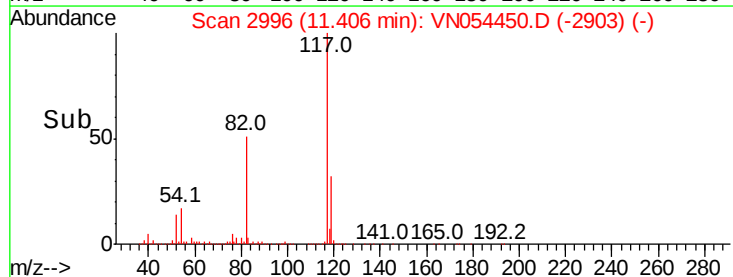
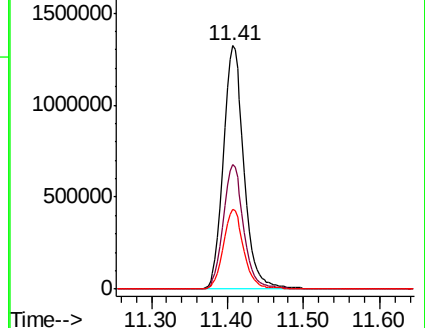
119 32.5 25.8 38.6

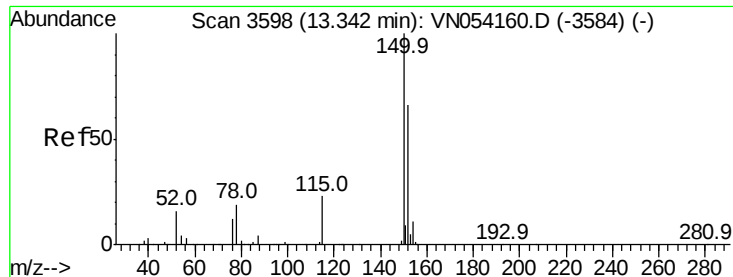


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054450.D

Acq: 19 Mar 2019 19:45

Instrument :

MSVOA_N

ClientSampleId :

OR-03-031819-B

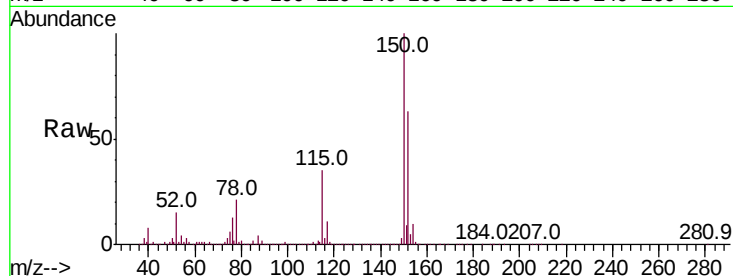
Tot Ion:152 Resp: 1018362

Ion Ratio Lower Upper

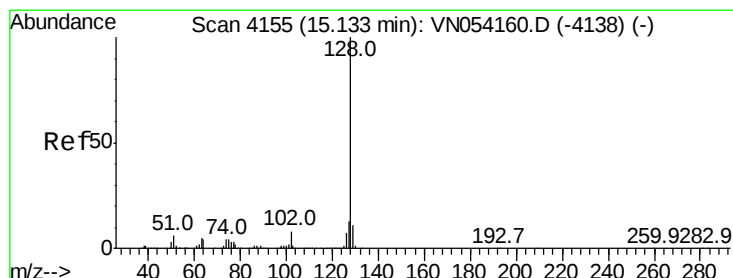
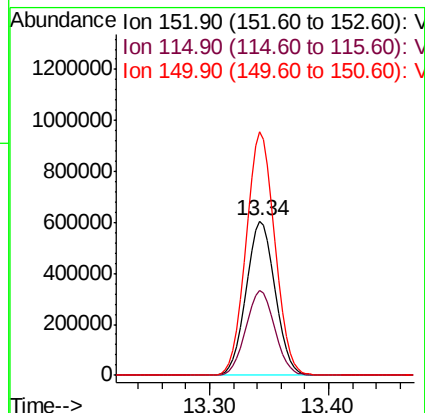
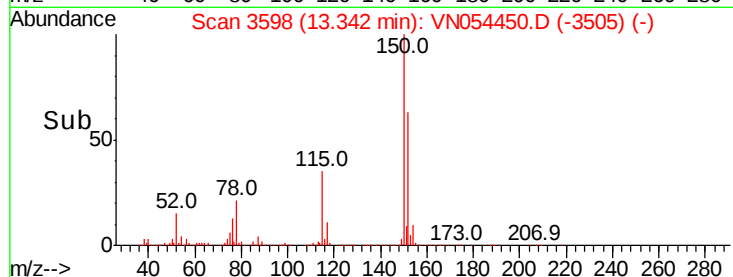
152 100

115 54.8 27.2 81.6

150 156.5 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: 9.186 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054450.D

Acq: 19 Mar 2019 19:45

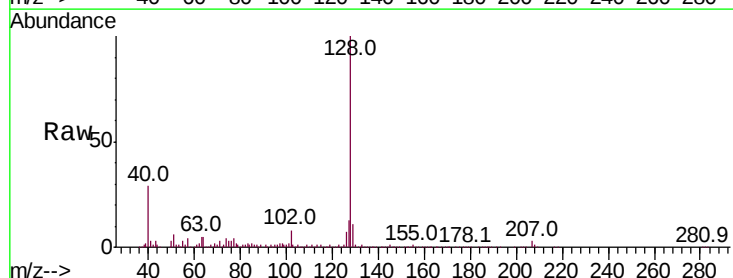
Tgt Ion:128 Resp: 274384

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 11.1 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

