

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054248.D
 Acq On : 14 Mar 2019 7:55
 Operator : JC/SP
 Sample : K1866-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-MH-04-COMP

Quant Time: Mar 14 09:11:50 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

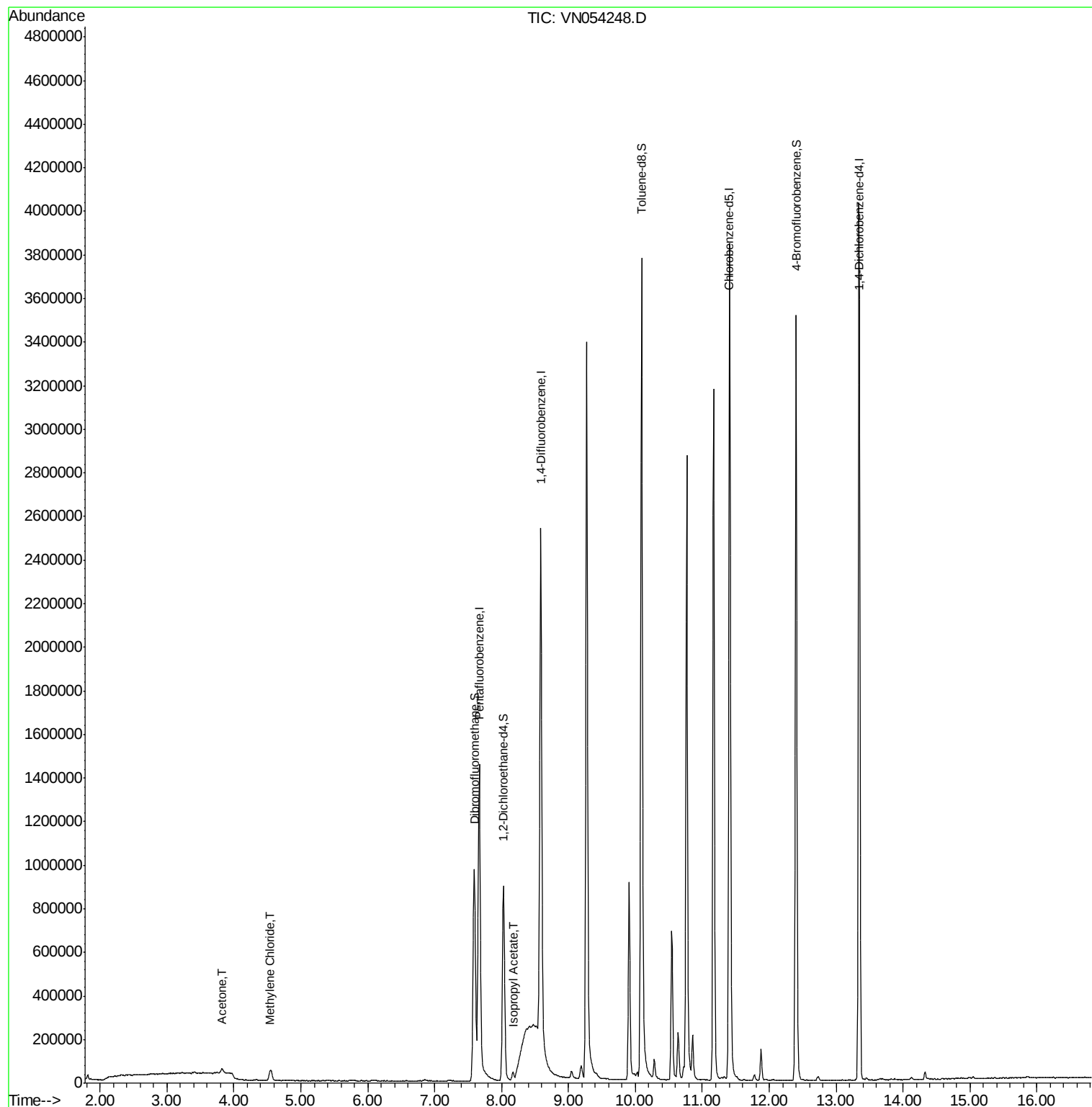
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1432216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2422870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2580315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1180130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	785447	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
35) Dibromofluoromethane	7.59	113	738834	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	10.09	98	3020592	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.40	95	1191766	59.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.04%	
Target Compounds						
16) Acetone	3.82	43	32545	7.473	ug/l	93
20) Methylene Chloride	4.54	84	39987	2.796	ug/l	95
43) Isopropyl Acetate	8.17	43	44110	1.960	ug/l	94

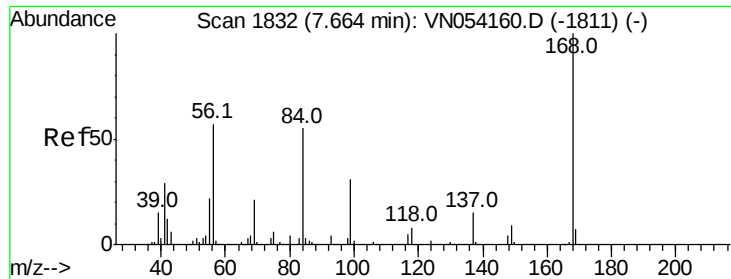
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054248.D

Acq: 14 Mar 2019 7:55

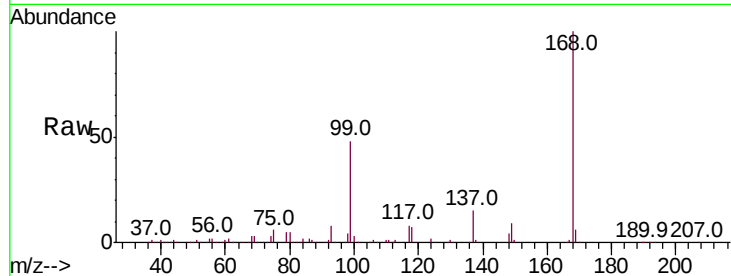
Instrument :
MSVOA_N
ClientSampleId :
MR-MH-04-COMP

Tot Ion:168 Resp: 1432216

Ion Ratio Lower Upper

168 100

99 48.0 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

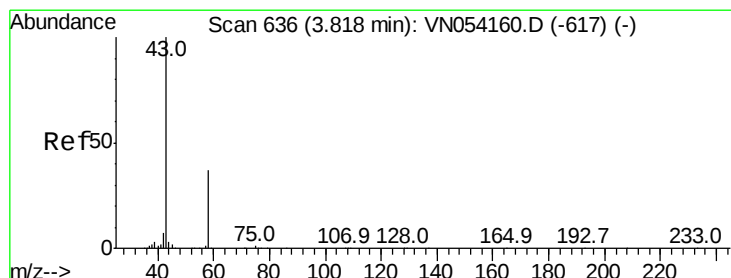
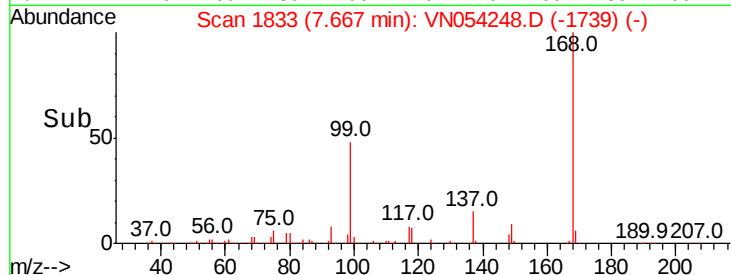
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 7.473 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054248.D

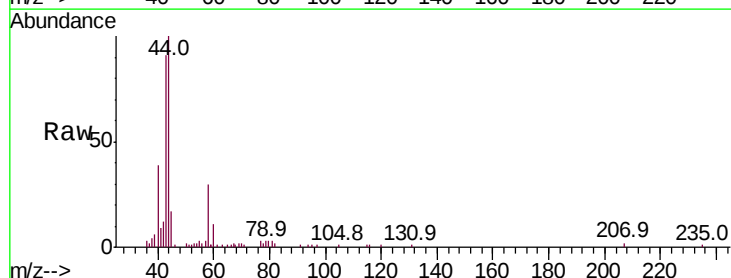
Acq: 14 Mar 2019 7:55

Tgt Ion: 43 Resp: 32545

Ion Ratio Lower Upper

43 100

58 41.7 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

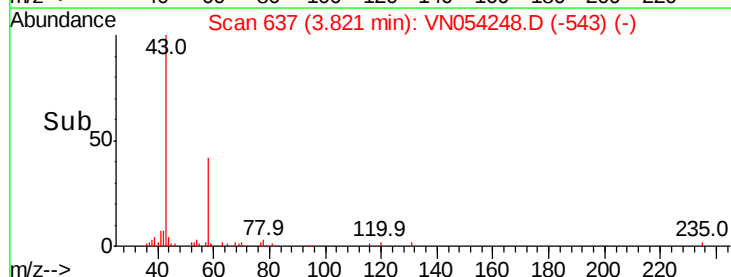
15000

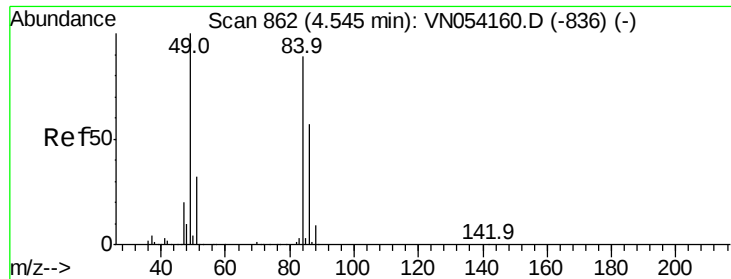
10000

5000

0

Time--> 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 2.796 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.00 min

Lab File: VN054248.D

Acq: 14 Mar 2019 7:55

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-04-COMP

Tot Ion: 84 Resp: 39987

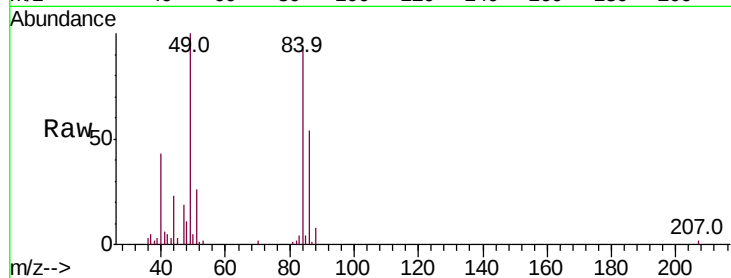
Ion Ratio Lower Upper

84 100

49 109.1 89.7 134.5

51 28.8 28.2 42.4

86 59.3 50.8 76.2

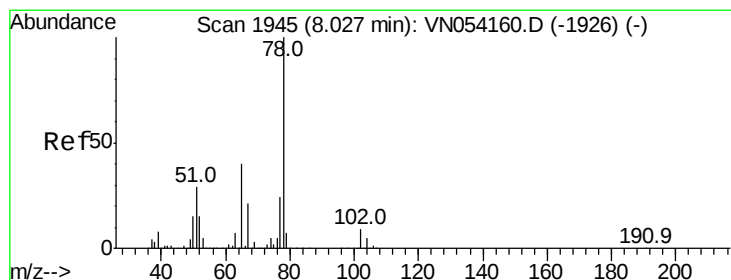
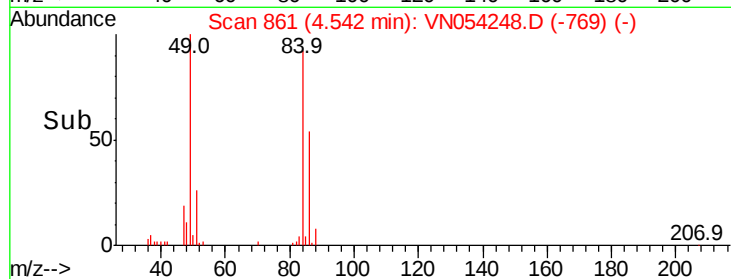
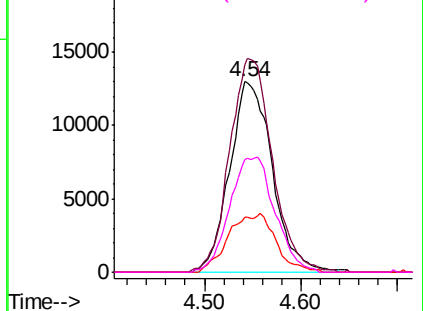


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 51.640 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054248.D

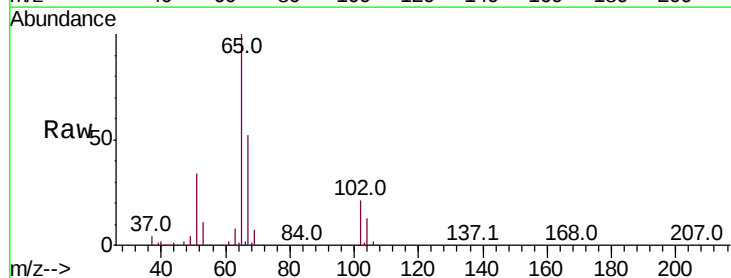
Acq: 14 Mar 2019 7:55

Tgt Ion: 65 Resp: 785447

Ion Ratio Lower Upper

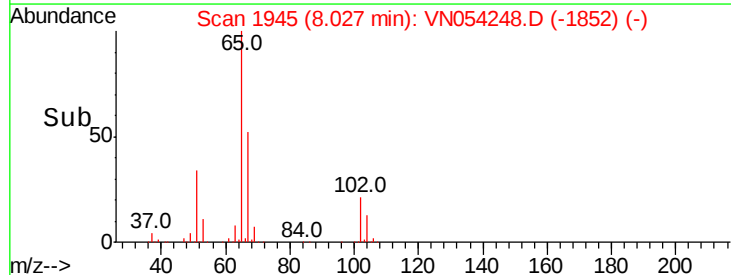
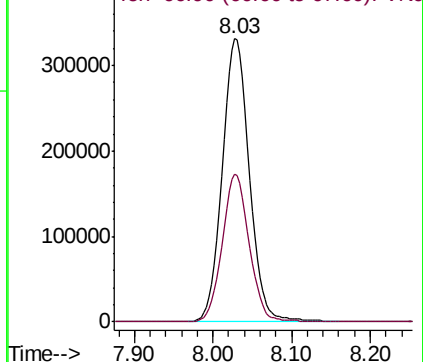
65 100

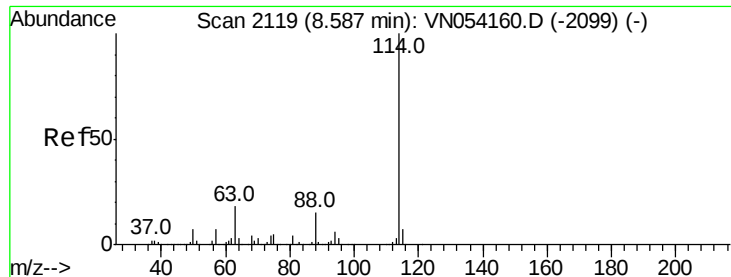
67 51.9 0.0 104.6



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: VN054248.D

Acq: 14 Mar 2019 7:55

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-04-COMP

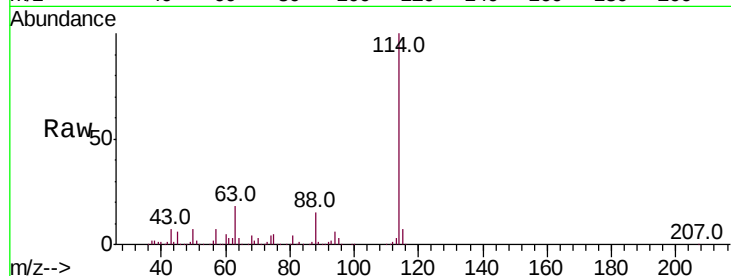
Tot Ion:114 Resp: 2422870

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.2

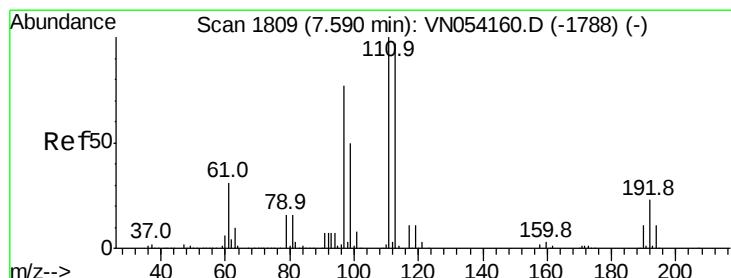
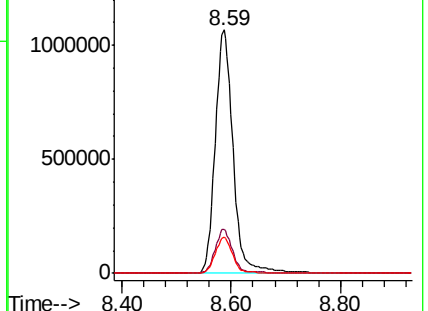
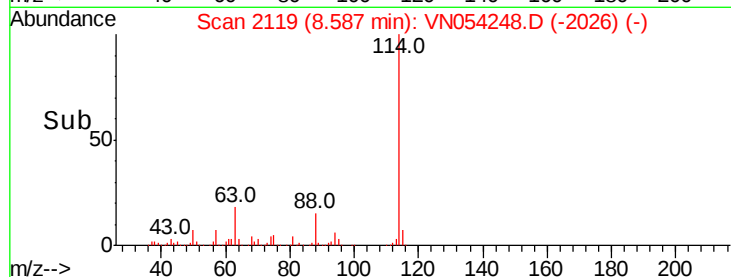
88 15.0 0.0 30.2



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: 47.281 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054248.D

Acq: 14 Mar 2019 7:55

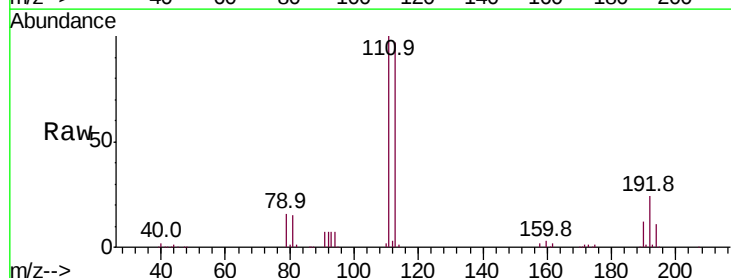
Tgt Ion:113 Resp: 738834

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

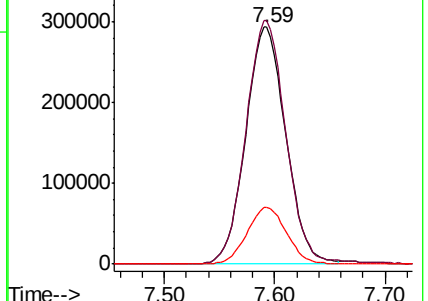
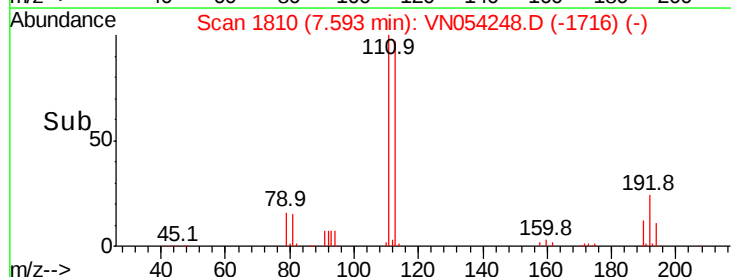
192 23.7 19.2 28.8

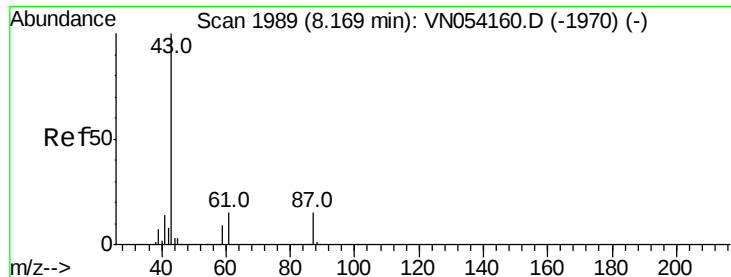


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.960 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054248.D

Acq: 14 Mar 2019 7:55

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-04-COMP

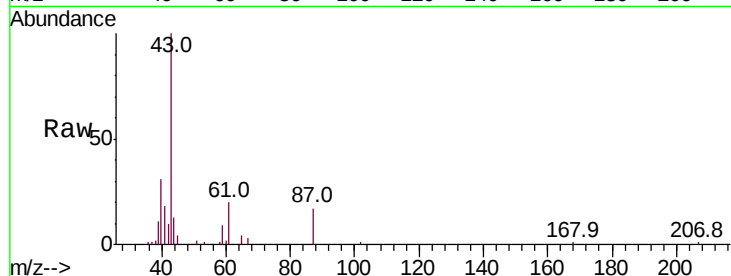
Tot Ion: 43 Resp: 44110

Ion Ratio Lower Upper

43 100

61 22.8 15.8 23.8

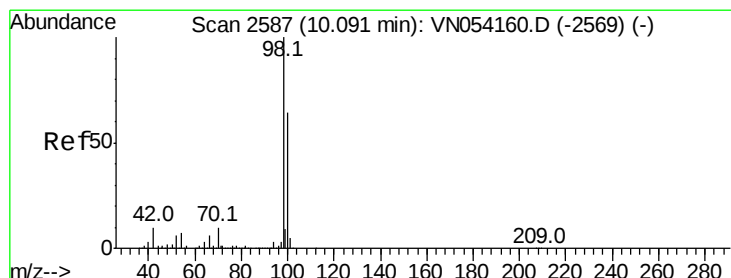
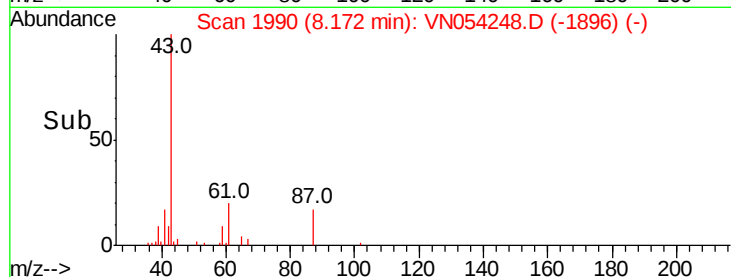
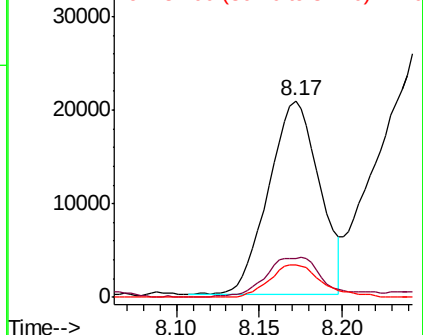
87 17.3 12.0 18.0



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: 52.340 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054248.D

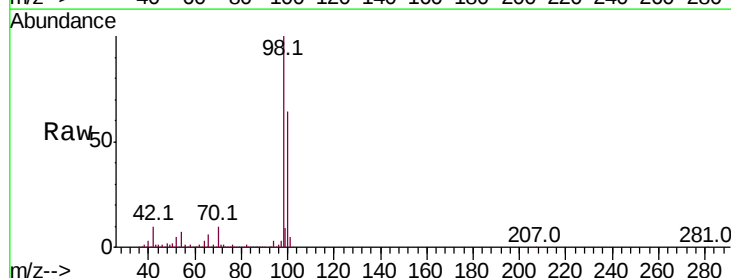
Acq: 14 Mar 2019 7:55

Tgt Ion: 98 Resp: 3020592

Ion Ratio Lower Upper

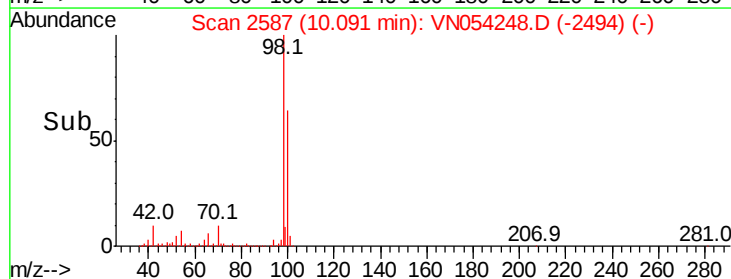
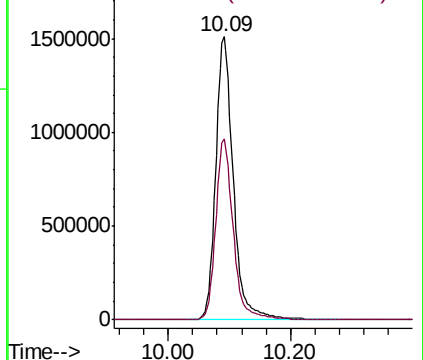
98 100

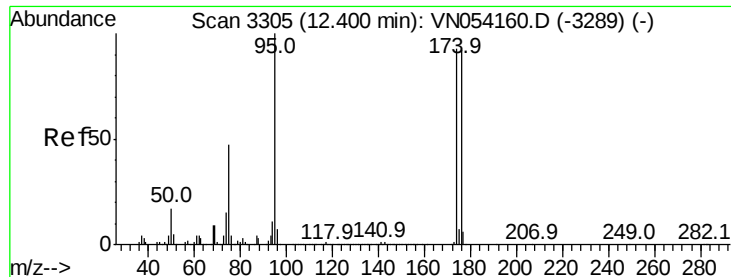
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 59.018 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054248.D

Acq: 14 Mar 2019 7:55

Instrument :

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ClientSampleId :

MR-MH-04-COMP

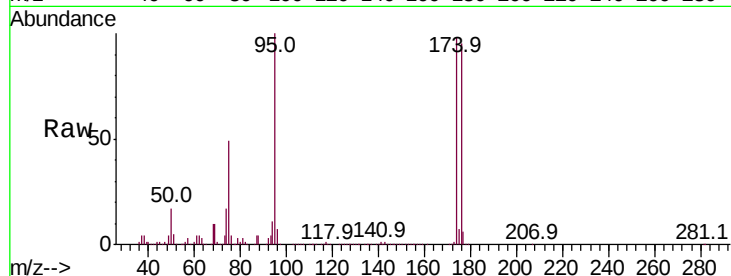
Tot Ion: 95 Resp: 1191766

Ion Ratio Lower Upper

95 100

174 97.8 0.0 191.0

176 94.6 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) (-)

12.40

800000

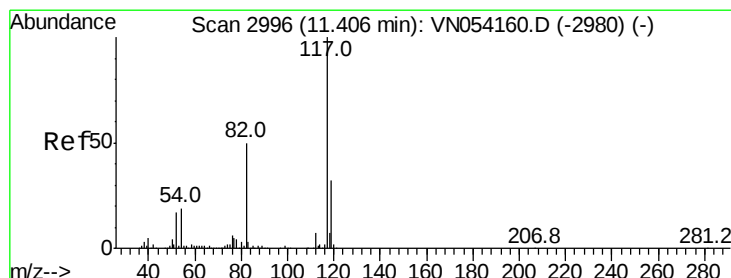
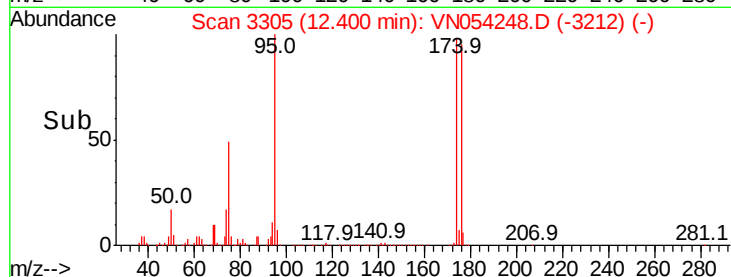
600000

400000

200000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054248.D

Acq: 14 Mar 2019 7:55

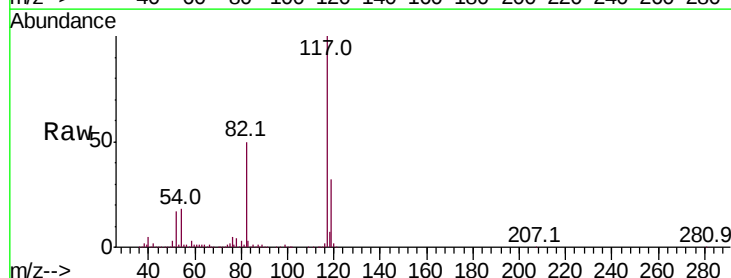
Tgt Ion: 117 Resp: 2580315

Ion Ratio Lower Upper

117 100

82 50.3 40.0 60.0

119 32.4 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) (-)

11.41

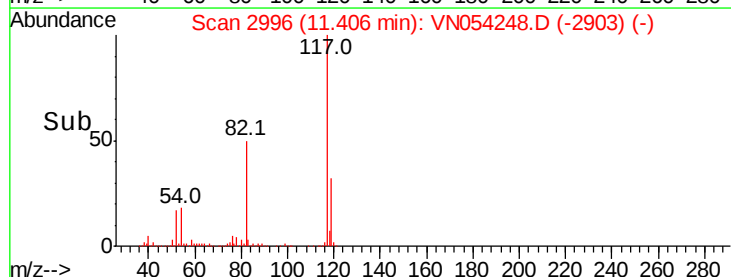
1500000

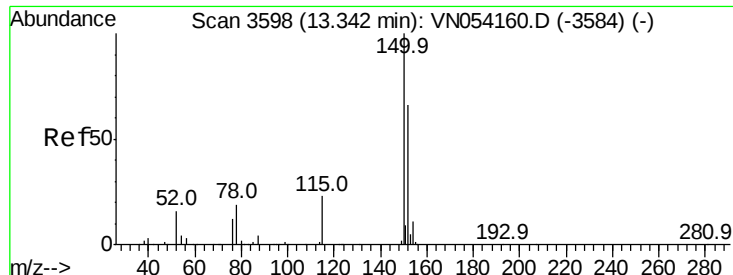
1000000

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: VN054248.D

Acq: 14 Mar 2019 7:55

Instrument :

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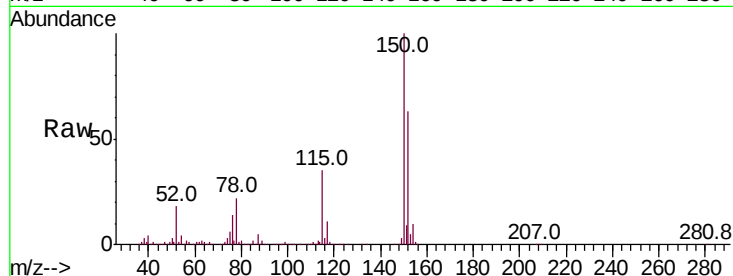
Tot Ion:152 Resp: 1180130

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.6

150 156.9 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

