

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054247.D
 Acq On : 14 Mar 2019 7:29
 Operator : JC/SP
 Sample : K1866-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-MH-03-COMP

Quant Time: Mar 14 09:09:31 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

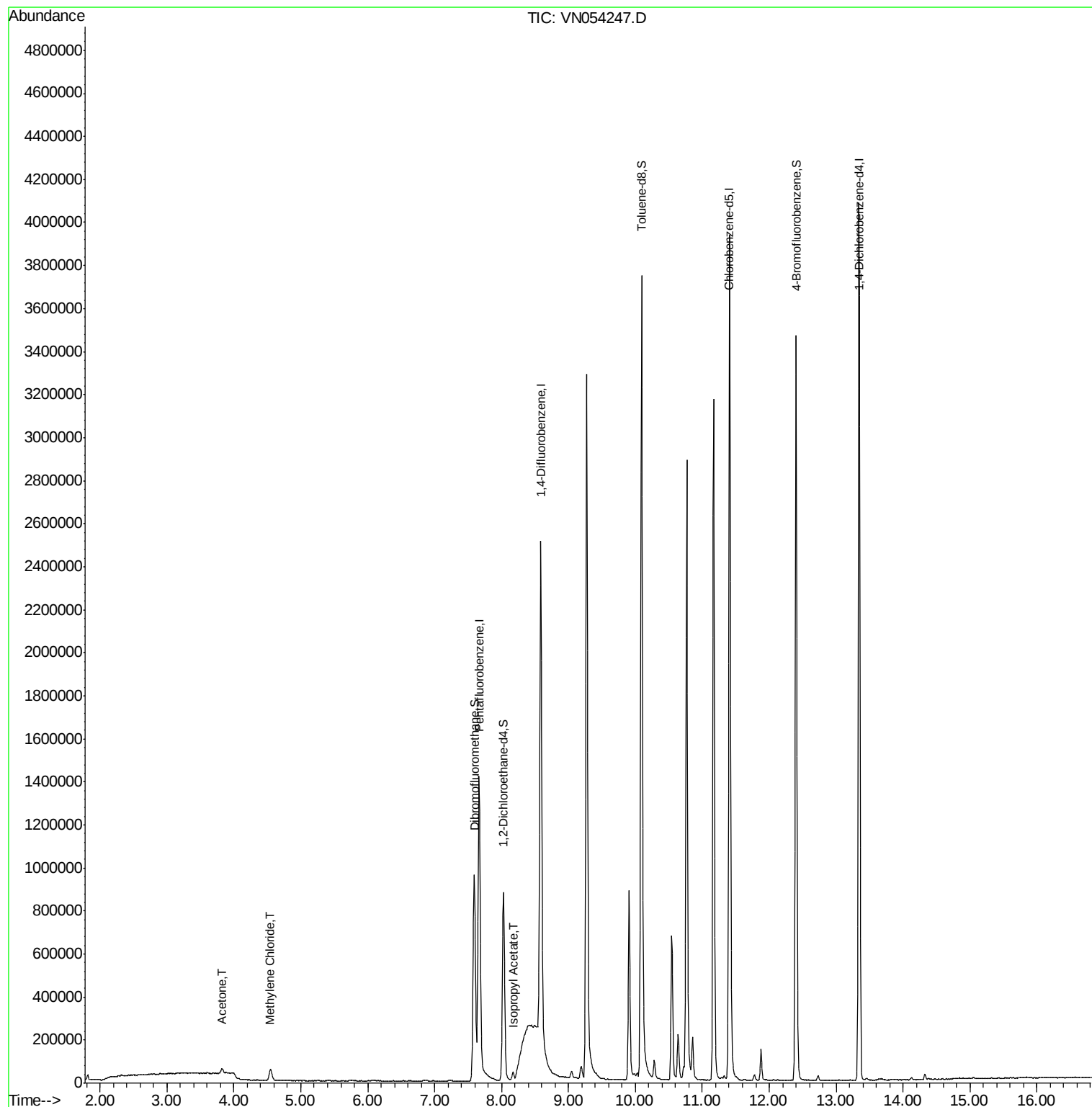
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1393828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2374923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2582476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1206581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	776210	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
35) Dibromofluoromethane	7.59	113	727367	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
50) Toluene-d8	10.09	98	2983273	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.40	95	1196936	60.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.94%	
Target Compounds						
16) Acetone	3.82	43	32937	7.771	ug/l	93
20) Methylene Chloride	4.55	84	41155	2.957	ug/l	94
43) Isopropyl Acetate	8.17	43	44589	2.021	ug/l	97

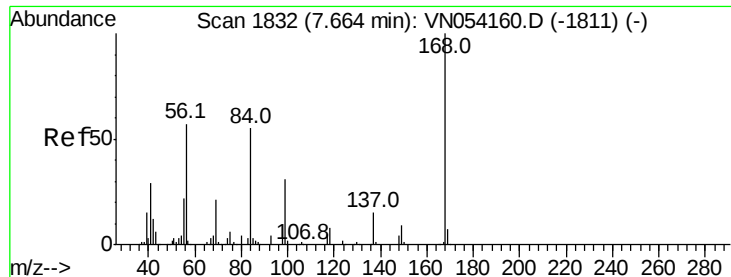
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031319\
Data File : VN054247.D
Acq On : 14 Mar 2019 7:29
Operator : JC/SP
Sample : K1866-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-03-COMP

Quant Time: Mar 14 09:09:31 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: VN054247.D

Acq: 14 Mar 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

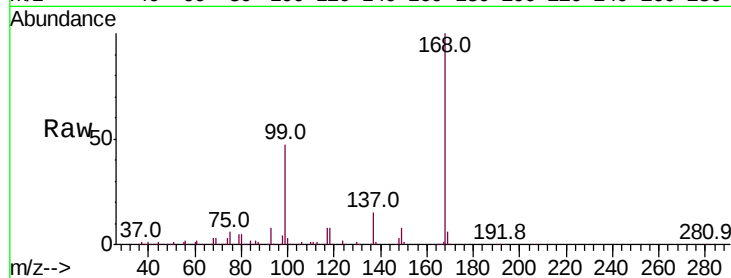
MR-MH-03-COMP

Tot Ion:168 Resp: 1393828

Ion Ratio Lower Upper

168 100

99 47.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054160.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN054160.D (-1811) (-)

7.67

600000

500000

400000

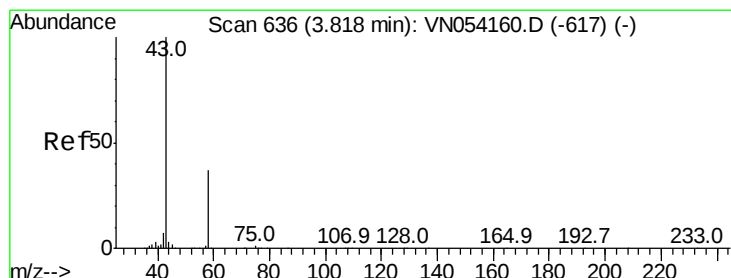
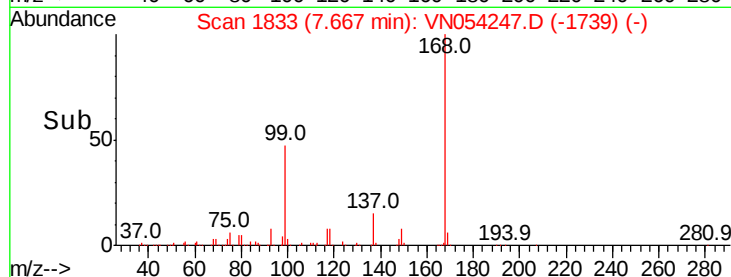
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 7.771 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054247.D

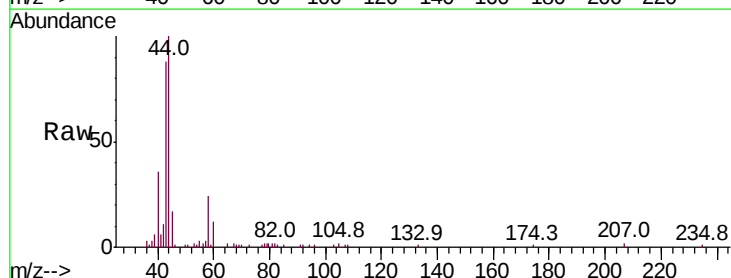
Acq: 14 Mar 2019 7:29

Tgt Ion: 43 Resp: 32937

Ion Ratio Lower Upper

43 100

58 33.1 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054160.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN054160.D (-617) (-)

3.82

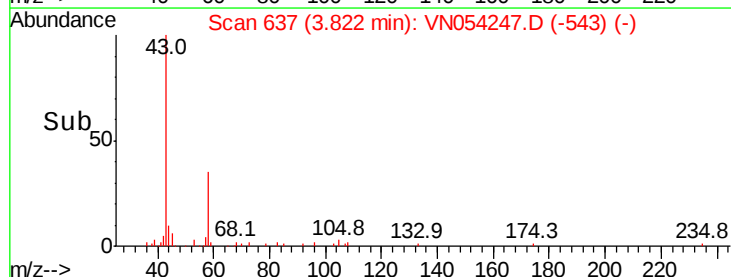
15000

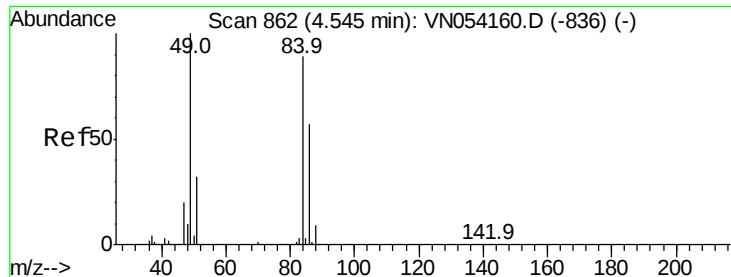
10000

5000

0

Time--> 3.75 3.80 3.85 3.90

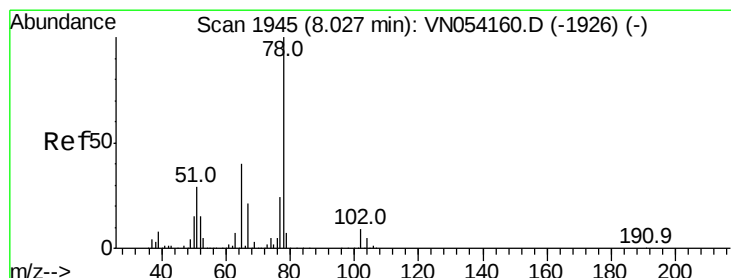
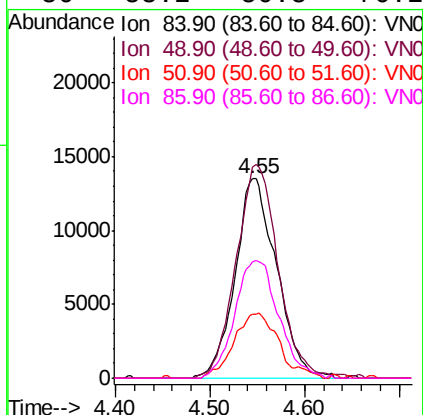
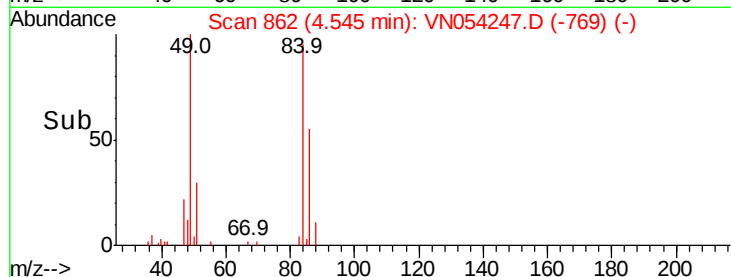
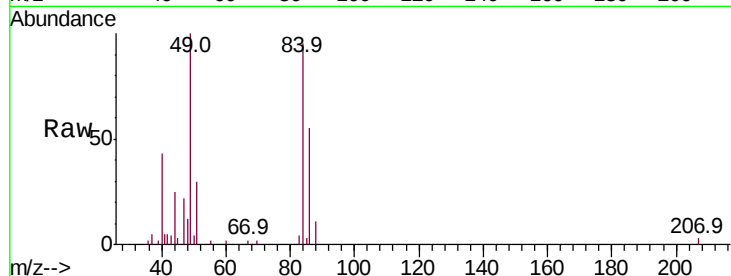




#20
Methylene Chloride
Concen: 2.957 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054247.D
Acq: 14 Mar 2019 7:29

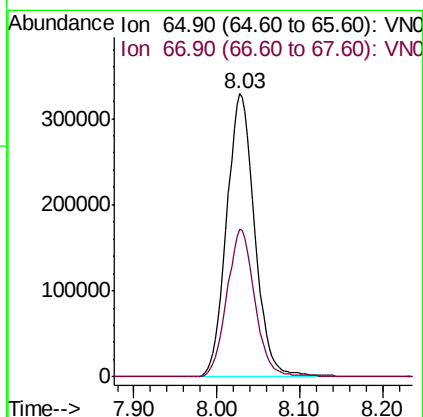
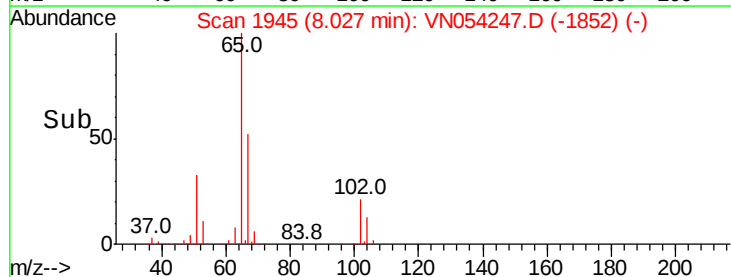
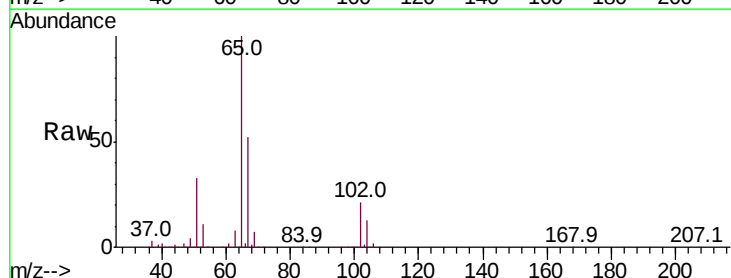
Instrument :
MSVOA_N
ClientSampleId :
MR-MH-03-COMP

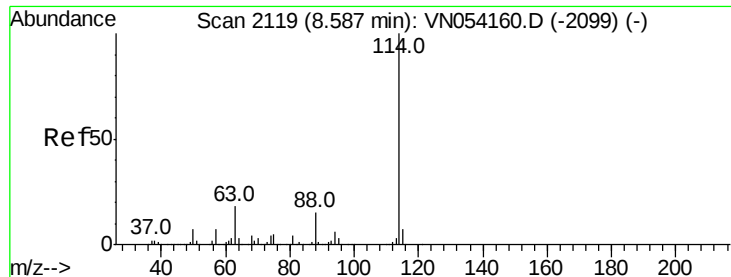
Tot Ion: 84 Resp: 41155
Ion Ratio Lower Upper
84 100
49 105.6 89.7 134.5
51 32.0 28.2 42.4
86 58.2 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 52.438 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054247.D
Acq: 14 Mar 2019 7:29

Tgt Ion: 65 Resp: 776210
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054247.D

Acq: 14 Mar 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-03-COMP

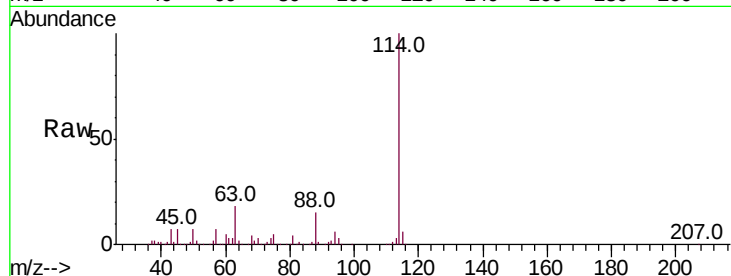
Tot Ion:114 Resp: 2374923

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

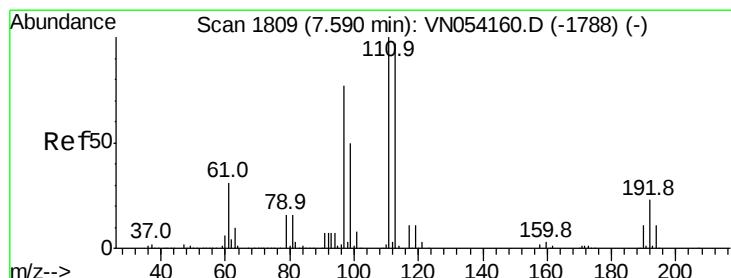
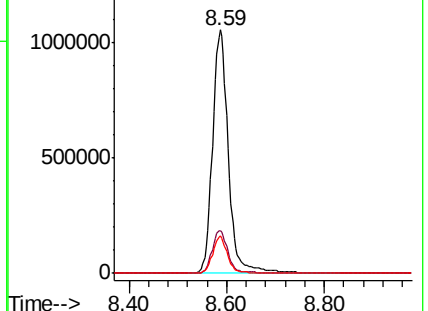
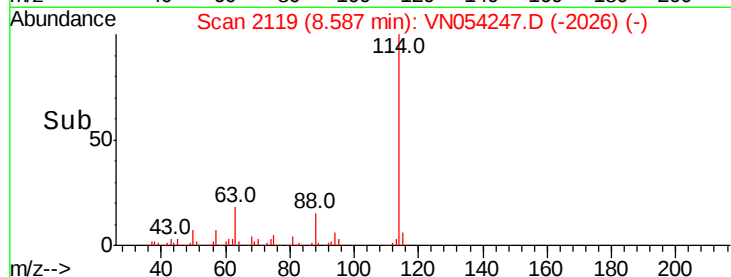
88 15.3 0.0 30.2



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: 47.487 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054247.D

Acq: 14 Mar 2019 7:29

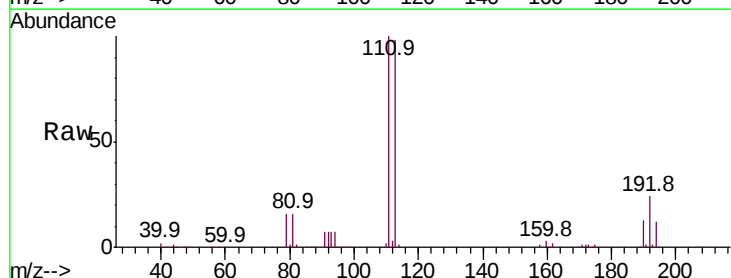
Tgt Ion:113 Resp: 727367

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

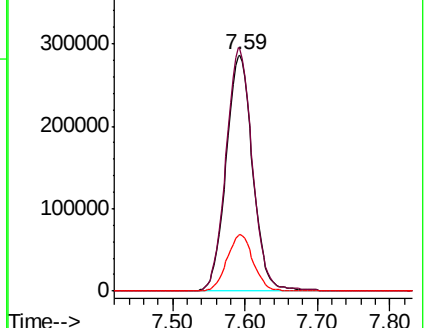
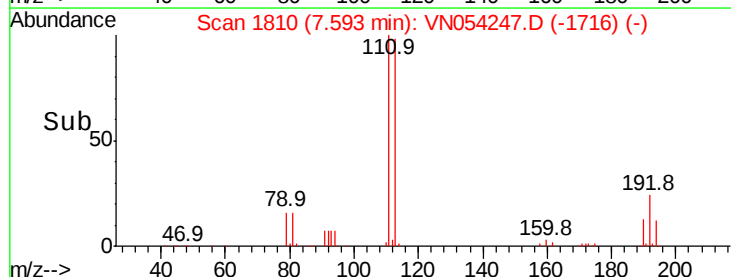
192 23.8 19.2 28.8

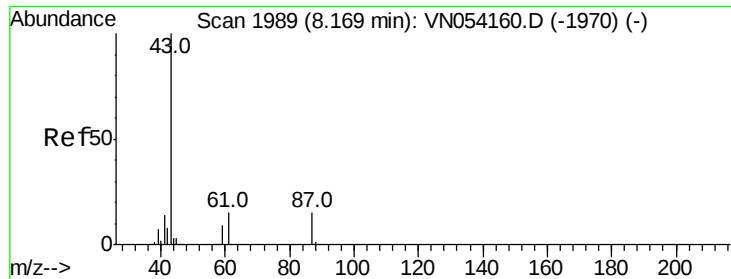


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.021 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054247.D

Acq: 14 Mar 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-03-COMP

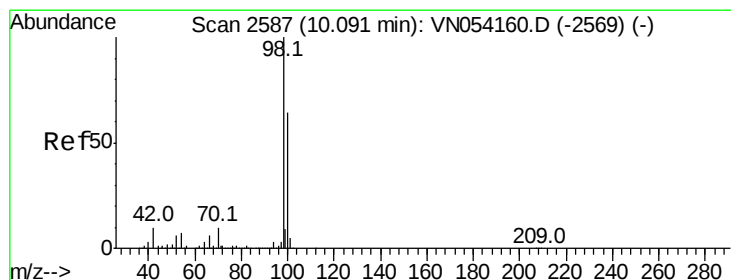
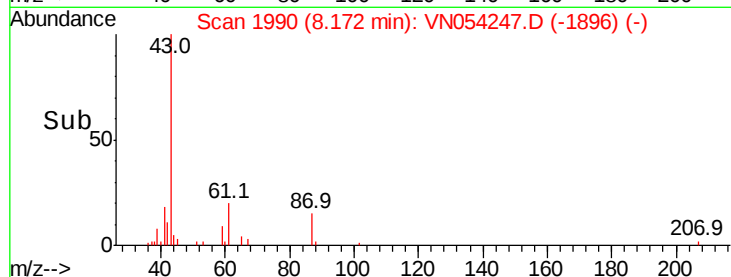
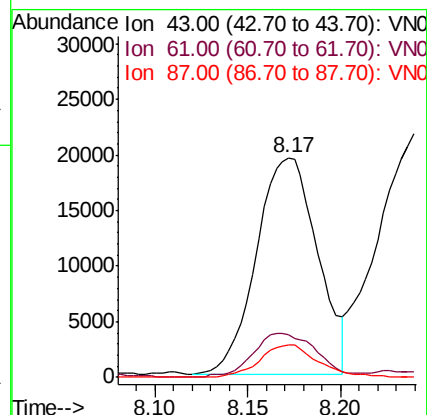
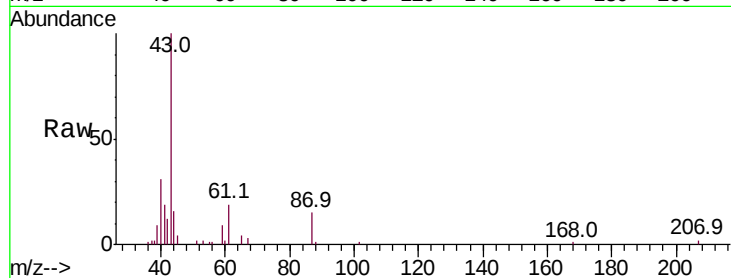
Tot Ion: 43 Resp: 44589

Ion Ratio Lower Upper

43 100

61 21.3 15.8 23.8

87 14.2 12.0 18.0



#50

Toluene-d8

Concen: 52.737 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054247.D

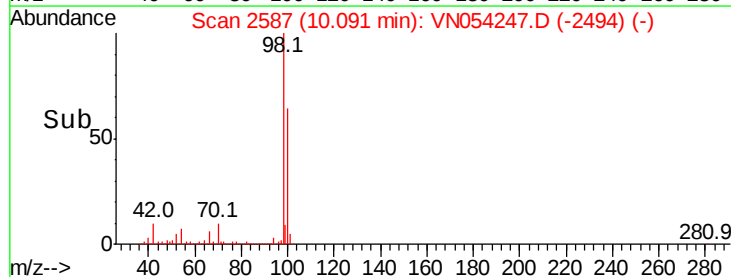
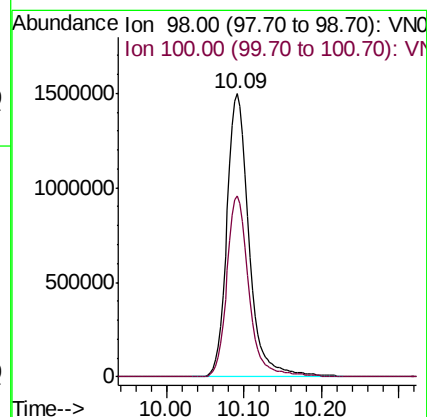
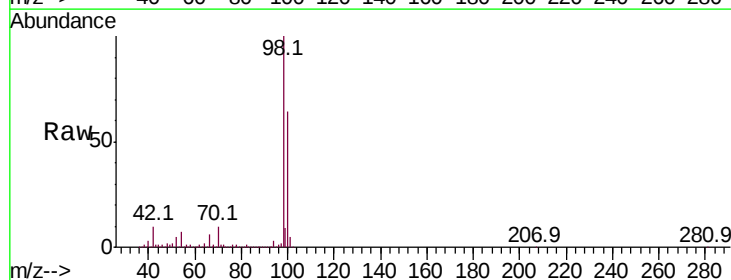
Acq: 14 Mar 2019 7:29

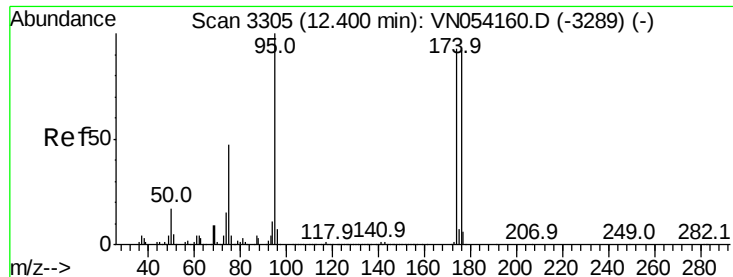
Tgt Ion: 98 Resp: 2983273

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8

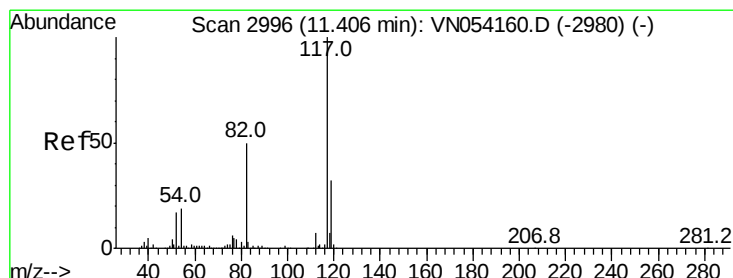
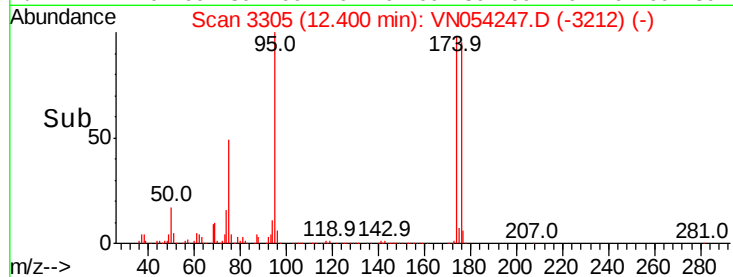
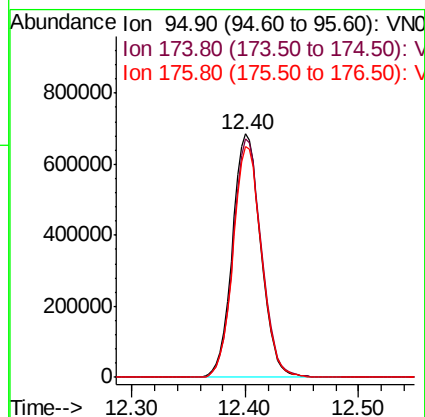
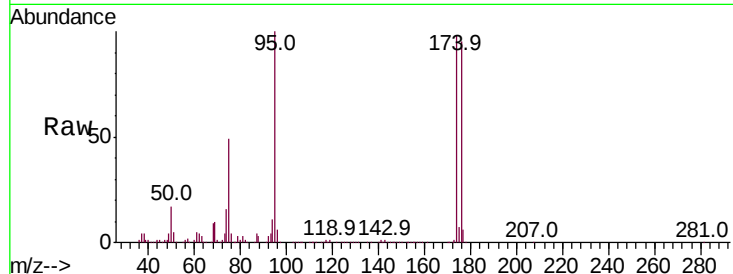




#62
4-Bromofluorobenzene
Concen: 60.471 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054247.D
Acq: 14 Mar 2019 7:29

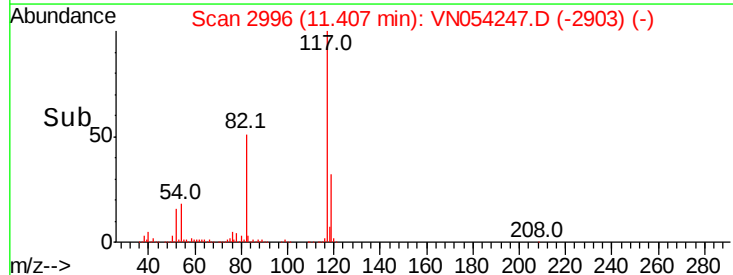
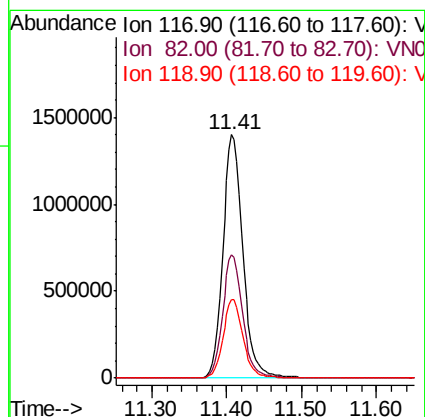
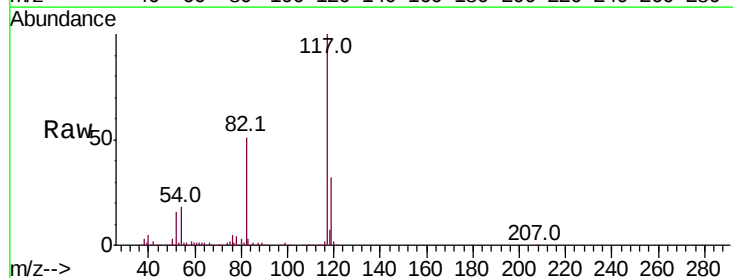
Instrument :
MSVOA_N
ClientSampleId :
MR-MH-03-COMP

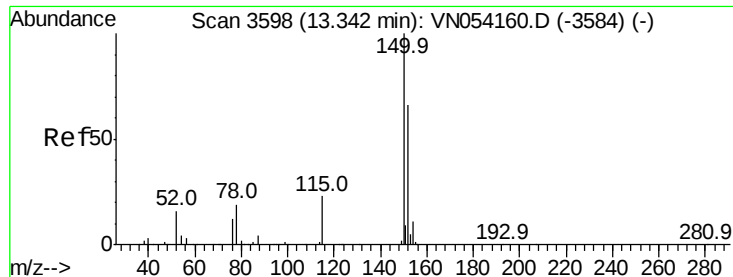
Tot Ion: 95 Resp: 1196936
Ion Ratio Lower Upper
95 100
174 97.9 0.0 191.0
176 94.9 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054247.D
Acq: 14 Mar 2019 7:29

Tgt Ion: 117 Resp: 2582476
Ion Ratio Lower Upper
117 100
82 50.9 40.0 60.0
119 32.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054247.D

Acq: 14 Mar 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-03-COMP

Tot Ion:152 Resp: 1206581

Ion Ratio Lower Upper

152 100

115 55.0 27.2 81.6

150 156.2 0.0 349.2

