

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054170.D
 Acq On : 12 Mar 2019 18:15
 Operator : JC/SP
 Sample : K1837-14
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-MH-05-COMP

Quant Time: Mar 13 07:58:47 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

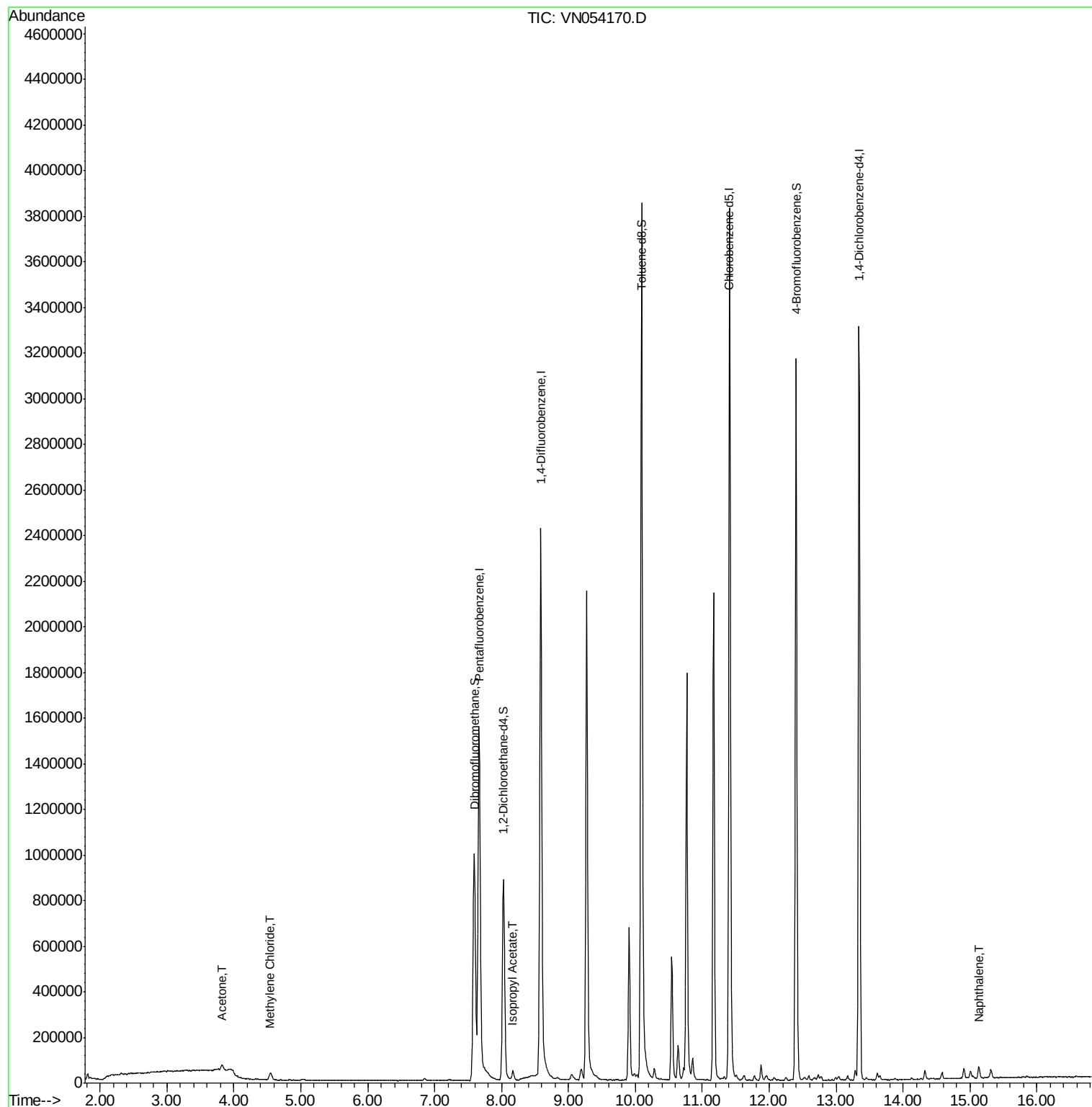
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1566951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2507906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2483334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	989585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	792443	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
35) Dibromofluoromethane	7.59	113	768110	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
50) Toluene-d8	10.09	98	3065621	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.40	95	1101993	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
Target Compounds						
16) Acetone	3.82	43	41149	8.636	ug/l	93
20) Methylene Chloride	4.55	84	23189	1.482	ug/l	91
43) Isopropyl Acetate	8.17	43	49686	2.133	ug/l	98
95) Naphthalene	15.13	128	45333	4.442	ug/l	99

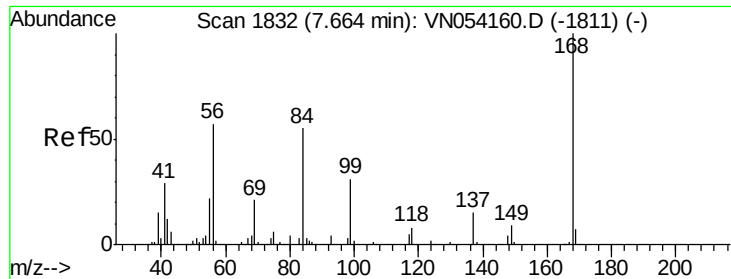
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
Data File : VN054170.D
Acq On : 12 Mar 2019 18:15
Operator : JC/SP
Sample : K1837-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MR-MH-05-COMP

Quant Time: Mar 13 07:58:47 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054170.D

Acq: 12 Mar 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

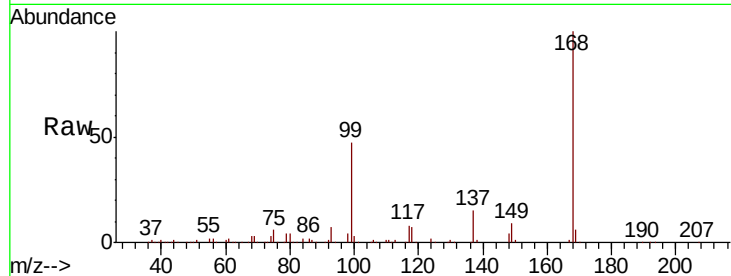
MR-MH-05-COMP

Tgt Ion:168 Resp: 1566951

Ion Ratio Lower Upper

168 100

99 46.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054170.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054170.D (-1739) (-)

7.67

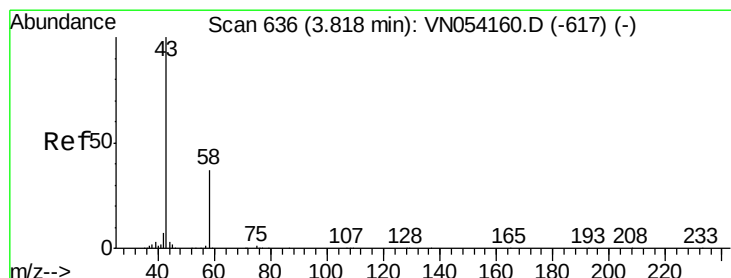
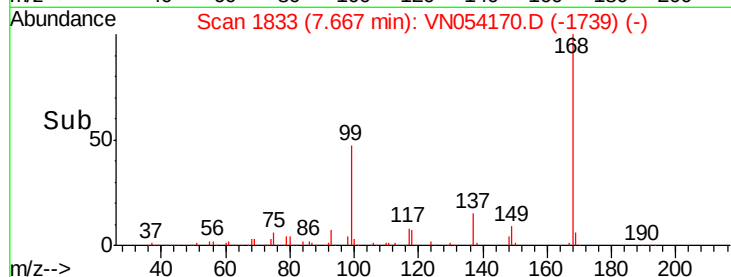
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 8.636 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054170.D

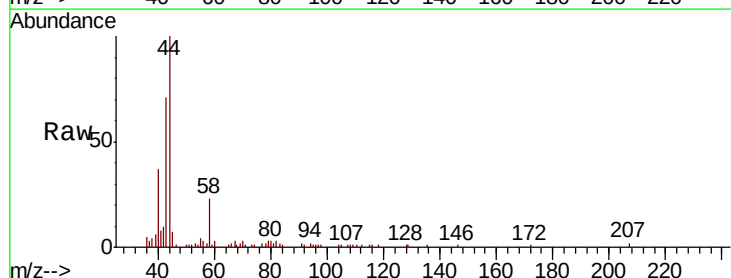
Acq: 12 Mar 2019 18:15

Tgt Ion: 43 Resp: 41149

Ion Ratio Lower Upper

43 100

58 33.3 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054170.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN054170.D (-543) (-)

3.82

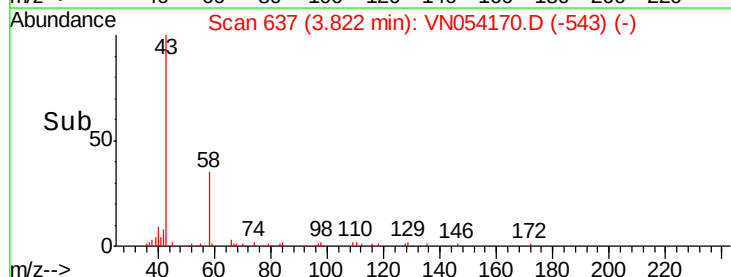
15000

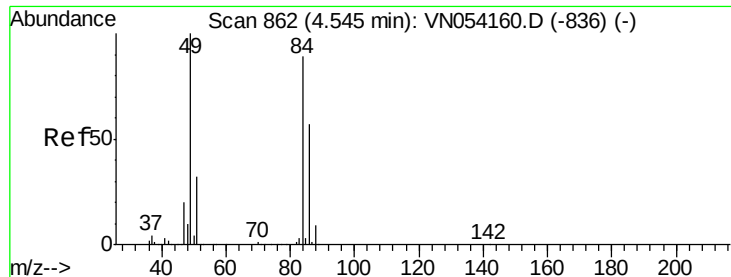
10000

5000

0

Time-->

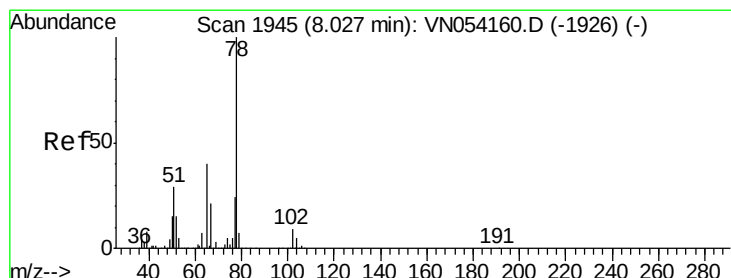
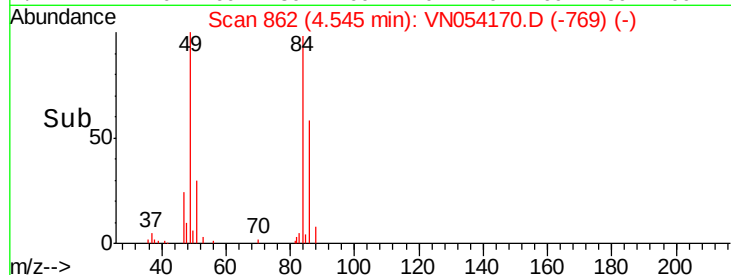
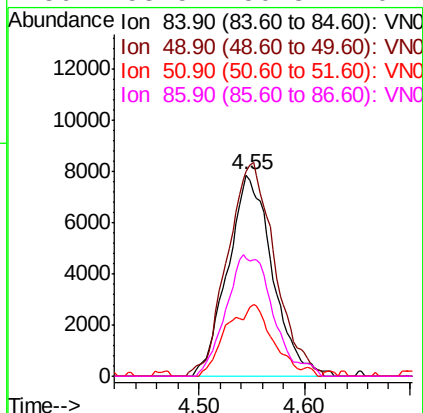
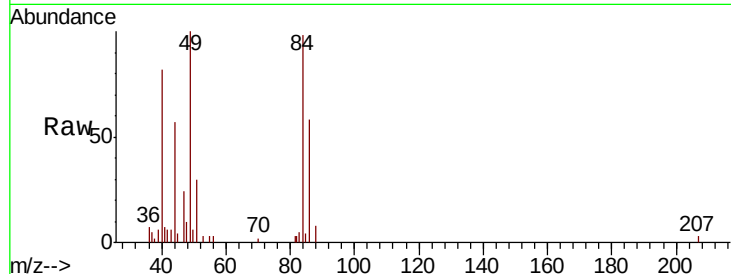




#20
Methylene Chloride
Concen: 1.482 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054170.D
Acq: 12 Mar 2019 18:15

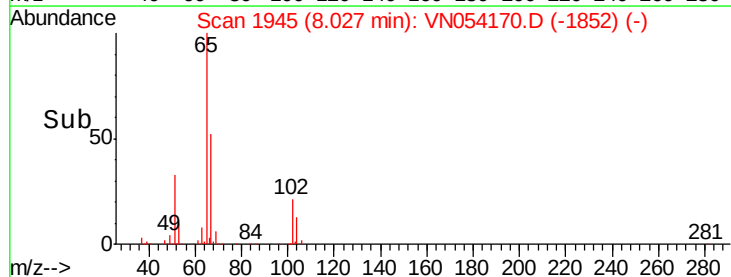
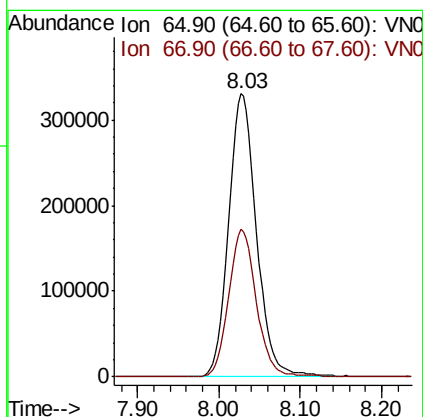
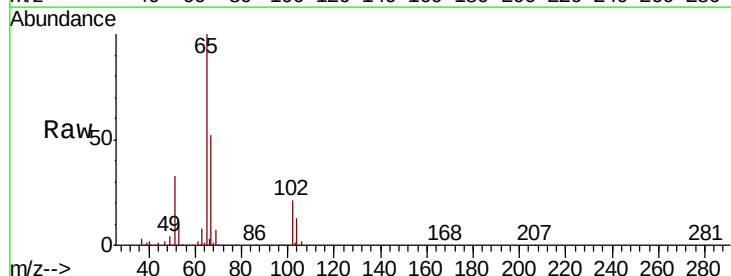
Instrument :
MSVOA_N
ClientSampleId :
MR-MH-05-COMP

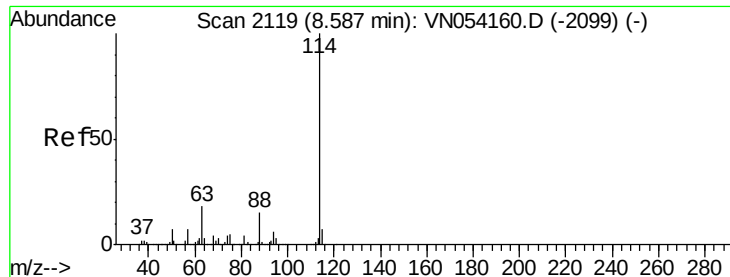
Tgt Ion:	84	Resp:	23189
Ion	Ratio	Lower	Upper
84	100		
49	101.6	89.7	134.5
51	30.5	28.2	42.4
86	58.5	50.8	76.2



#33
1,2-Dichloroethane-d4
Concen: 47.620 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054170.D
Acq: 12 Mar 2019 18:15

Tgt Ion:	65	Resp:	792443
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.6

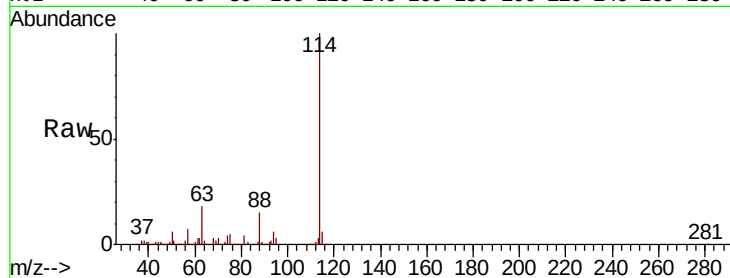




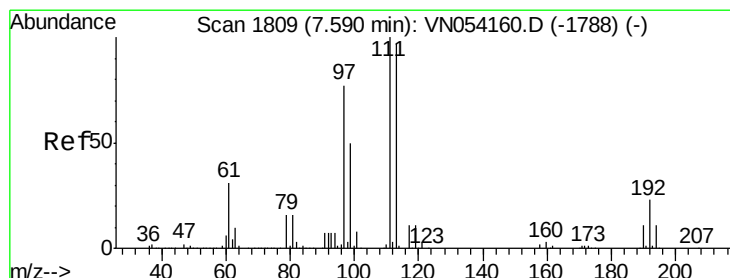
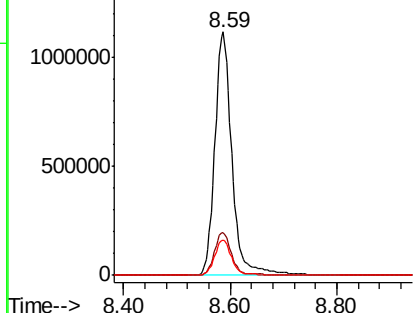
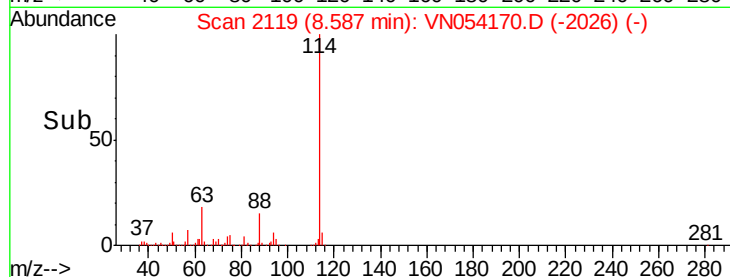
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054170.D
 Acq: 12 Mar 2019 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-MH-05-COMP

Tgt Ion:114 Resp: 2507906
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.2
 88 14.6 0.0 30.2

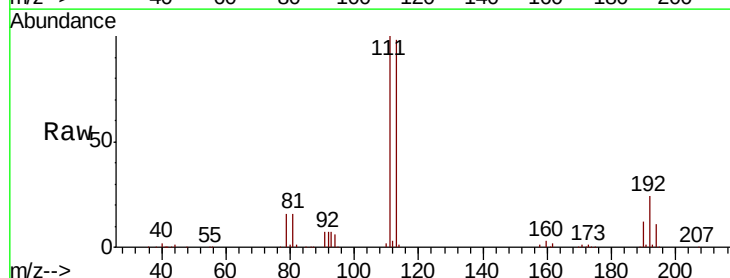


Abundance Ion 113.90 (113.60 to 114.60): V
 1500000 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

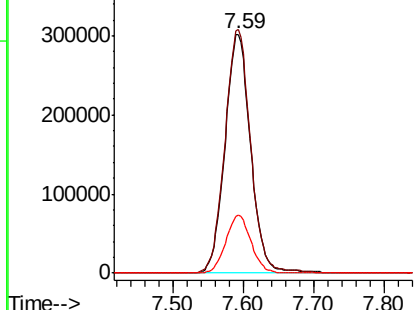
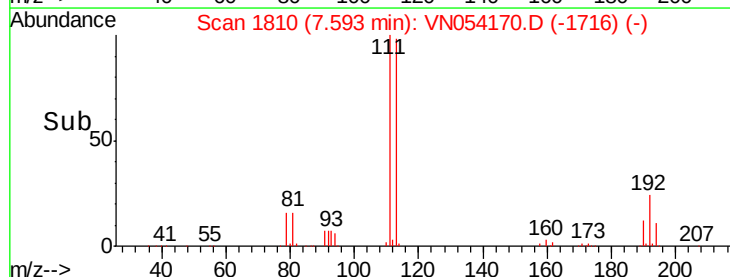


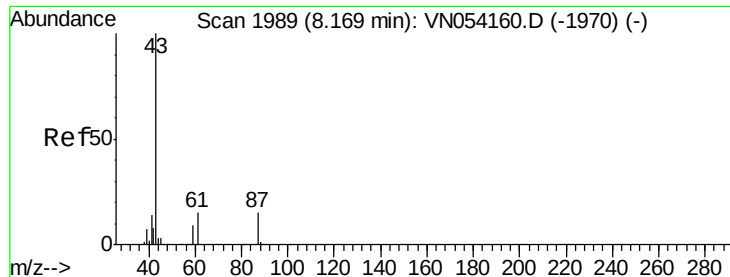
#35
 Dibromofluoromethane
 Concen: 47.488 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054170.D
 Acq: 12 Mar 2019 18:15

Tgt Ion:113 Resp: 768110
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.4
 192 23.9 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
 400000 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.133 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054170.D

Acq: 12 Mar 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-05-COMP

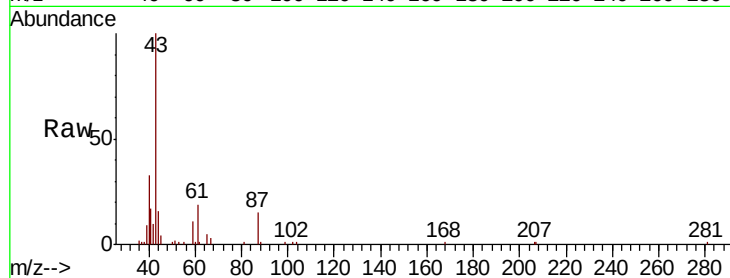
Tgt Ion: 43 Resp: 49686

Ion Ratio Lower Upper

43 100

61 19.3 15.8 23.8

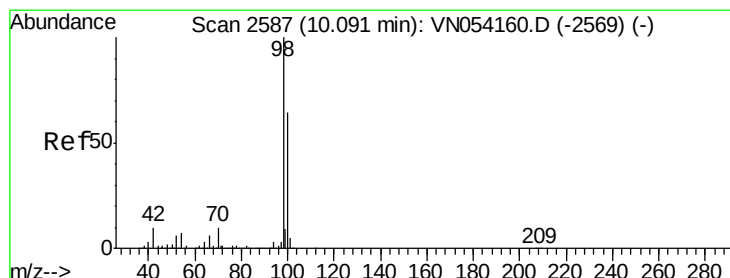
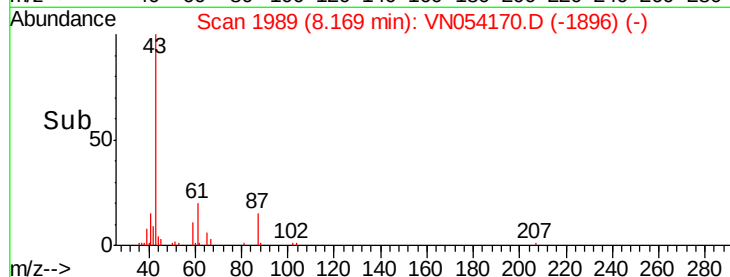
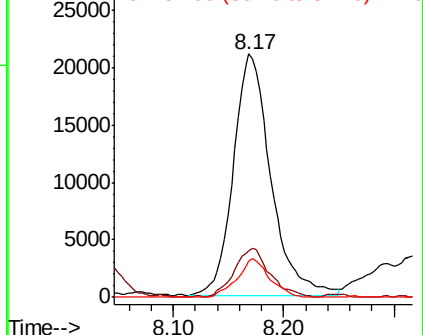
87 13.8 12.0 18.0



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: 51.319 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054170.D

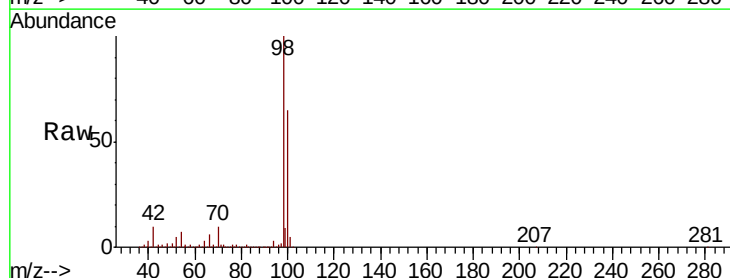
Acq: 12 Mar 2019 18:15

Tgt Ion: 98 Resp: 3065621

Ion Ratio Lower Upper

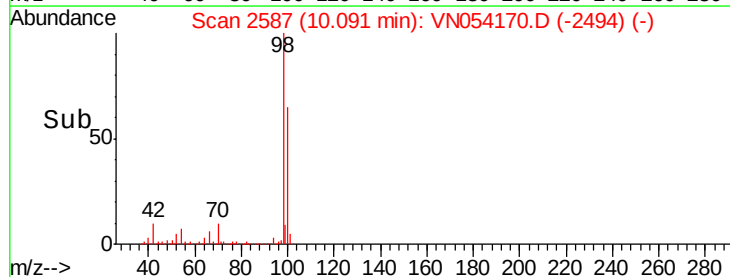
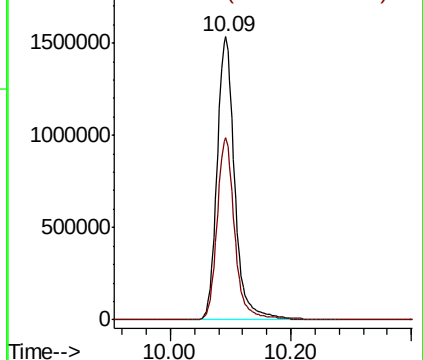
98 100

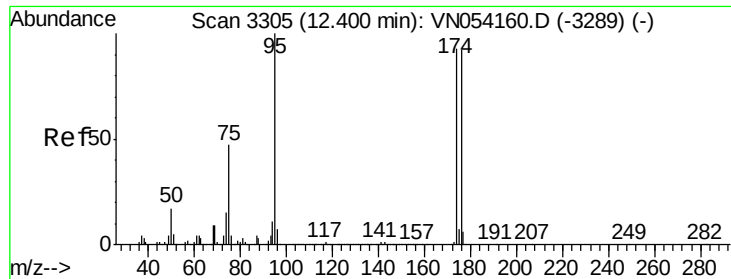
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 52.722 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054170.D

Acq: 12 Mar 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-05-COMP

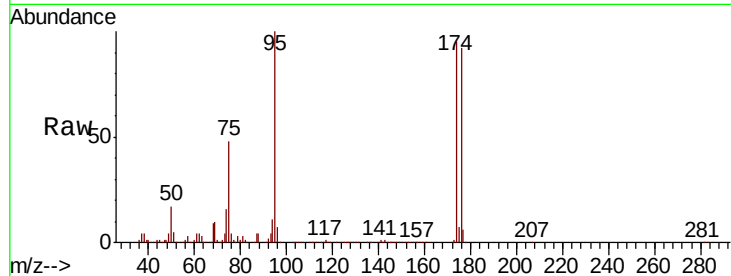
Tgt Ion: 95 Resp: 1101993

Ion Ratio Lower Upper

95 100

174 95.9 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) (-)

12.40

800000

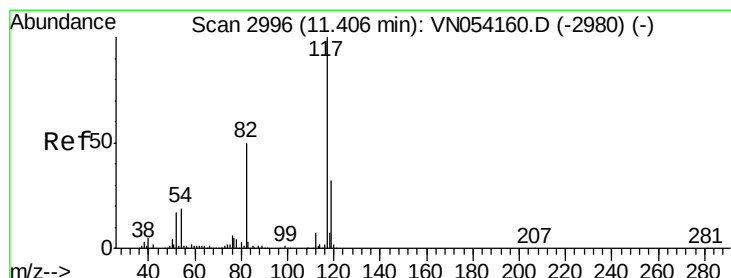
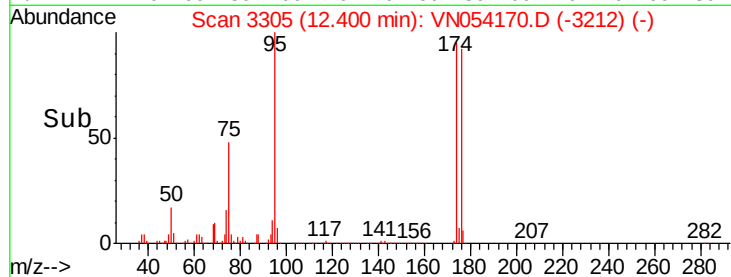
600000

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: VN054170.D

Acq: 12 Mar 2019 18:15

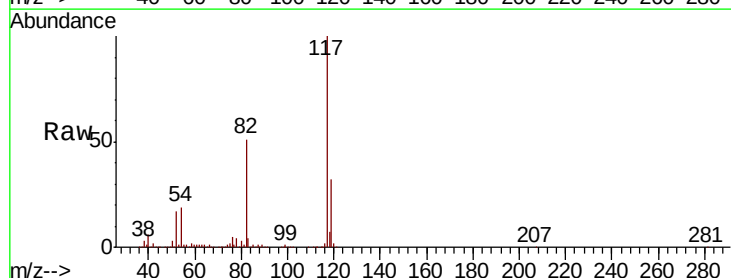
Tgt Ion: 117 Resp: 2483334

Ion Ratio Lower Upper

117 100

82 51.3 40.0 60.0

119 32.0 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

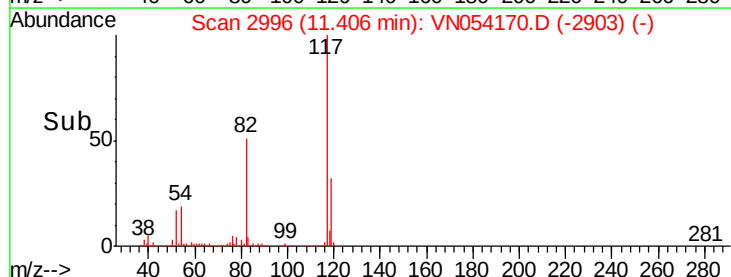
1500000

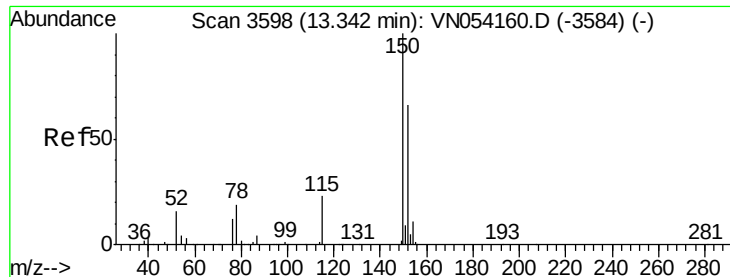
1000000

500000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054170.D

Acq: 12 Mar 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

MR-MH-05-COMP

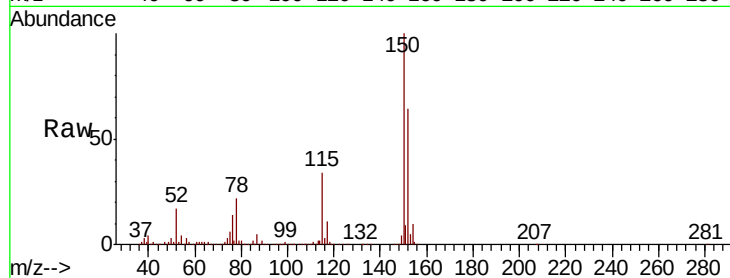
Tgt Ion:152 Resp: 989585

Ion Ratio Lower Upper

152 100

115 54.5 27.2 81.6

150 157.5 0.0 349.2

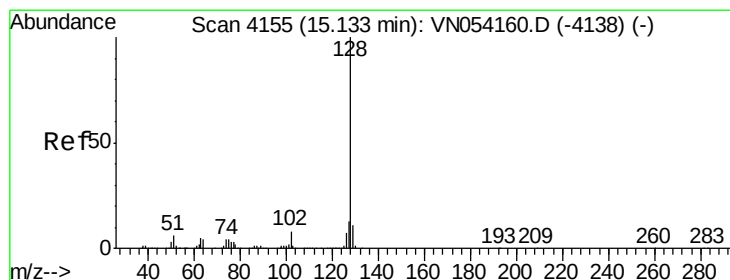
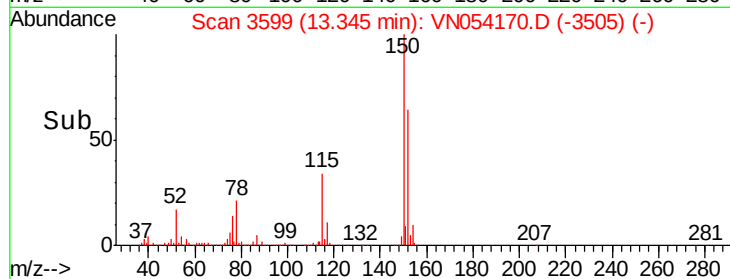
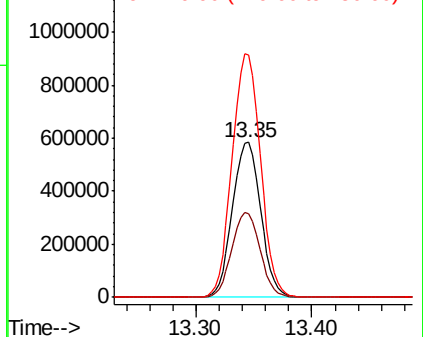


Abundance

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: 4.442 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054170.D

Acq: 12 Mar 2019 18:15

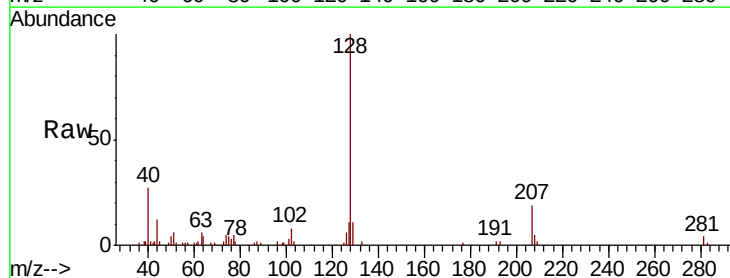
Tgt Ion:128 Resp: 45333

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.2 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

