

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011837.D
 Acq On : 24 Aug 2019 22:30
 Operator : JC/SP
 Sample : K4487-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-PILE-082219

Quant Time: Aug 26 04:56:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

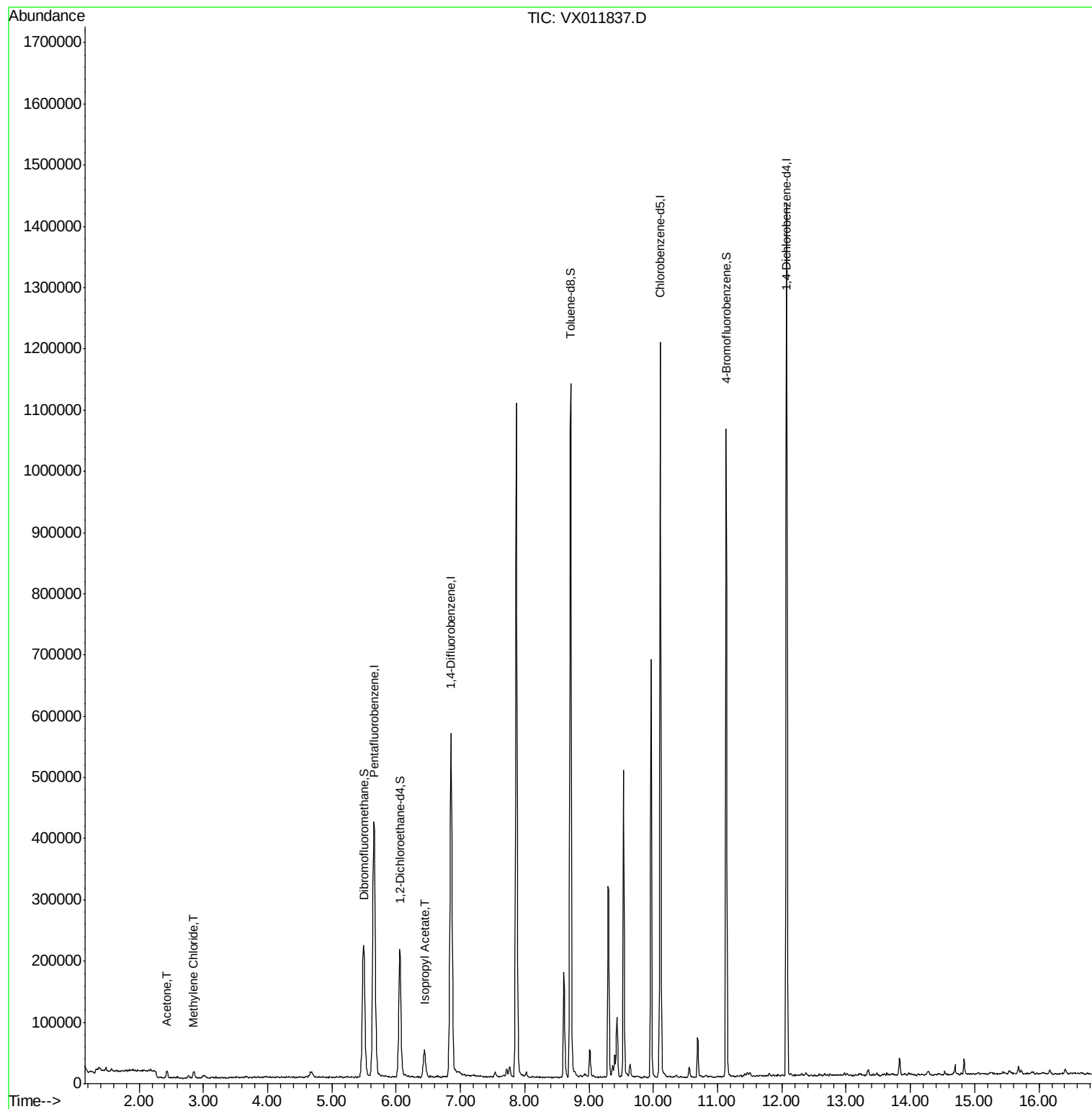
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	472341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	622660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	590675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	193762	40.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.68%	
35) Dibromofluoromethane	5.49	113	185531	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
50) Toluene-d8	8.71	98	711412	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.13	95	263530	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
Target Compounds						
16) Acetone	2.43	43	13990	6.778	ug/l	98
20) Methylene Chloride	2.85	84	5854	1.387	ug/l	92
43) Isopropyl Acetate	6.44	43	61269	7.326	ug/l	98

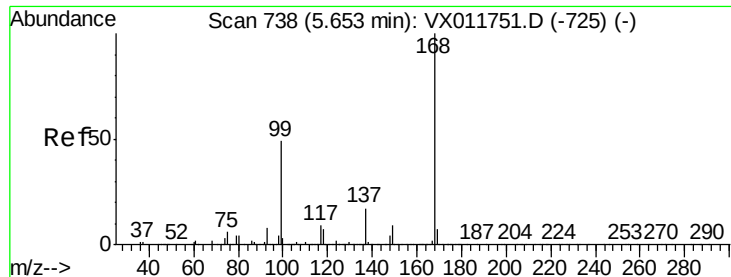
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082419\
Data File : VX011837.D
Acq On : 24 Aug 2019 22:30
Operator : JC/SP
Sample : K4487-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-PILE-082219

Quant Time: Aug 26 04:56:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011837.D

Acq: 24 Aug 2019 22:30

Instrument :

MSVOA_X

ClientSampleId :

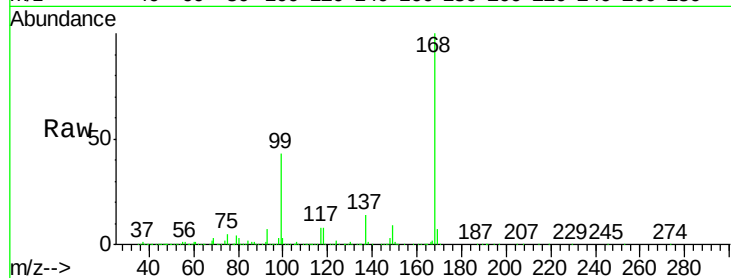
WC-PILE-082219

Tot Ion:168 Resp: 472341

Ion Ratio Lower Upper

168 100

99 43.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

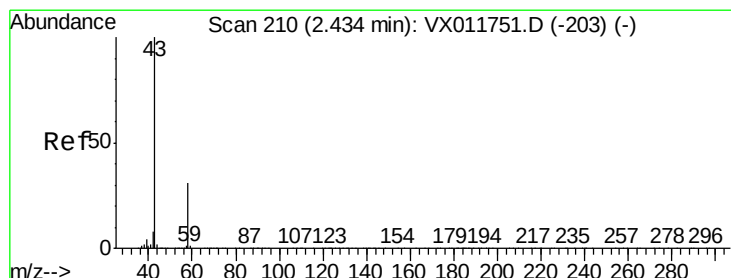
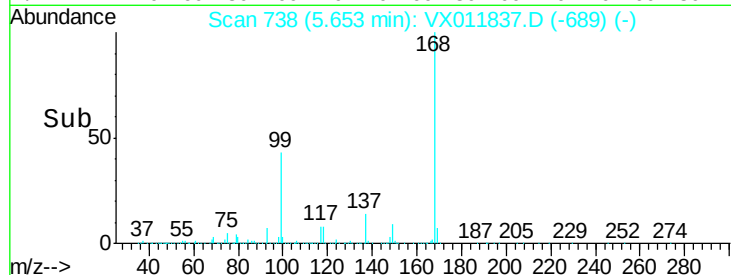
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.778 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011837.D

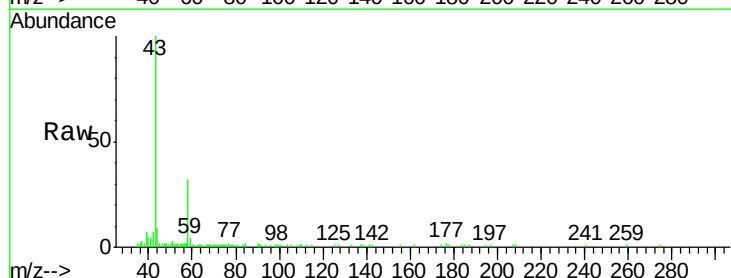
Acq: 24 Aug 2019 22:30

Tgt Ion: 43 Resp: 13990

Ion Ratio Lower Upper

43 100

58 29.3 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

8000

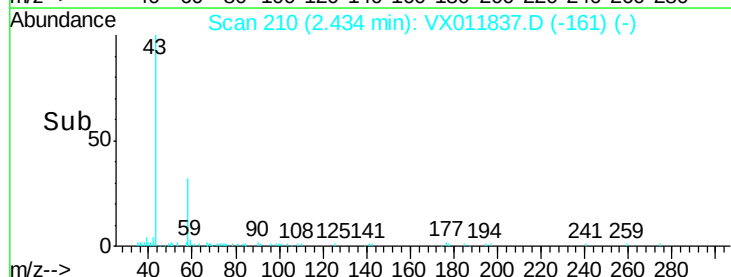
6000

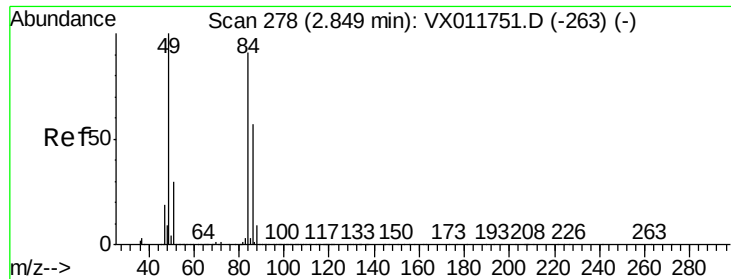
4000

2000

0

Time-->

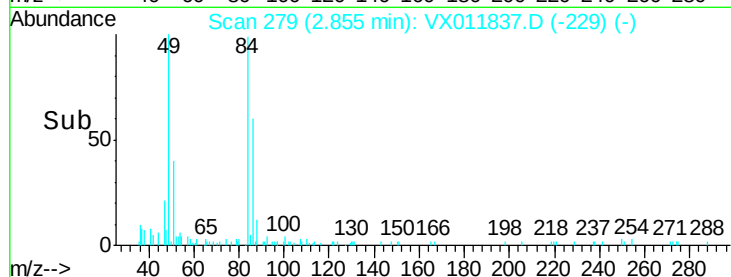
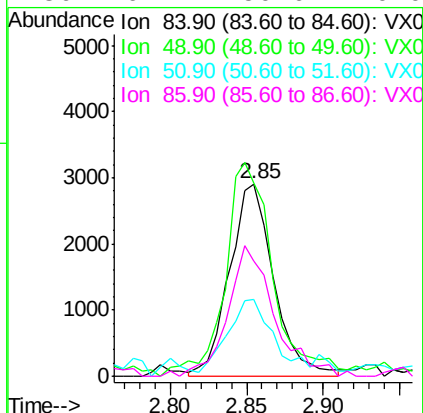
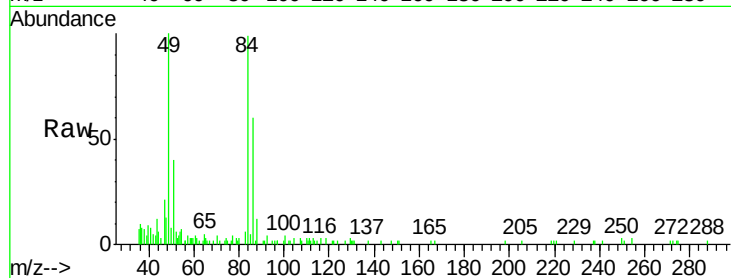




#20
Methylene Chloride
Concen: 1.387 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011837.D
Acq: 24 Aug 2019 22:30

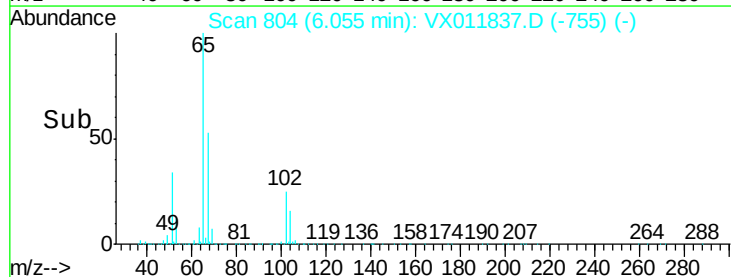
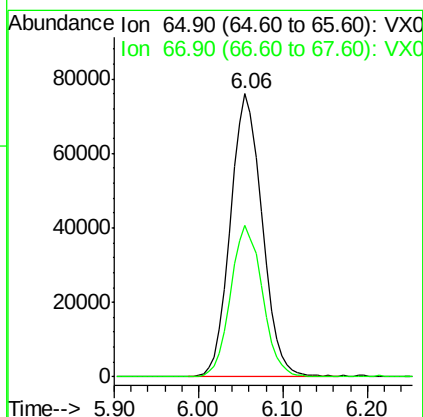
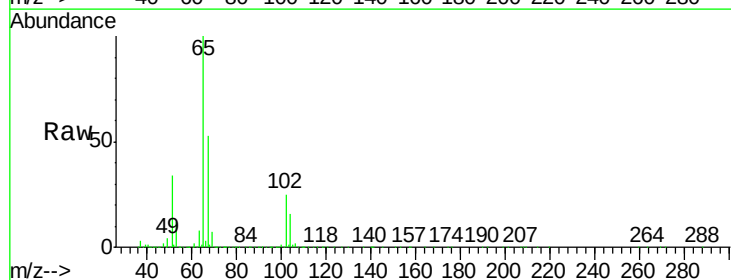
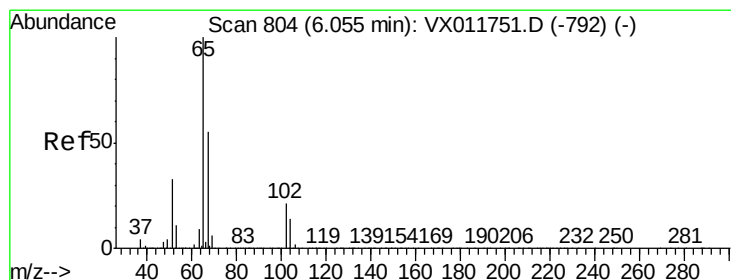
Instrument :
MSVOA_X
ClientSampleId :
WC-PILE-082219

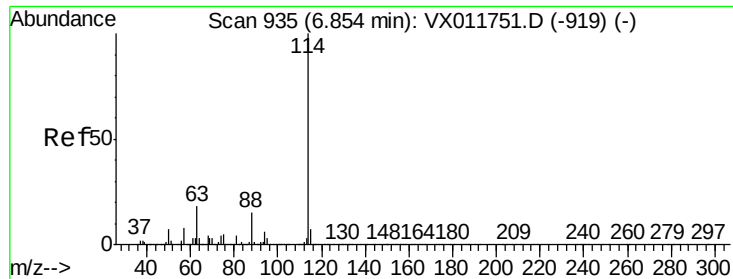
Tot Ion:	84	Resp:	5854
Ion	Ratio	Lower	Upper
84	100		
49	98.4	88.3	132.5
51	37.7	26.2	39.2
86	61.4	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 40.835 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011837.D
Acq: 24 Aug 2019 22:30

Tgt Ion:	65	Resp:	193762
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.8

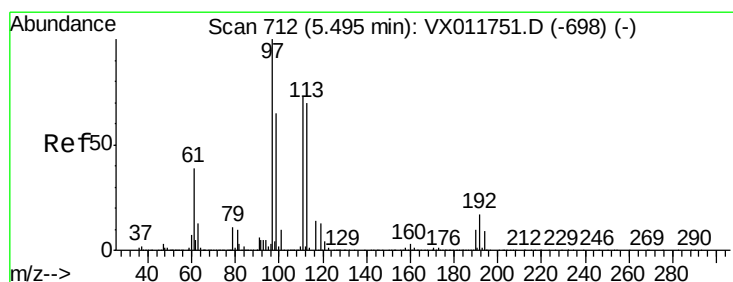
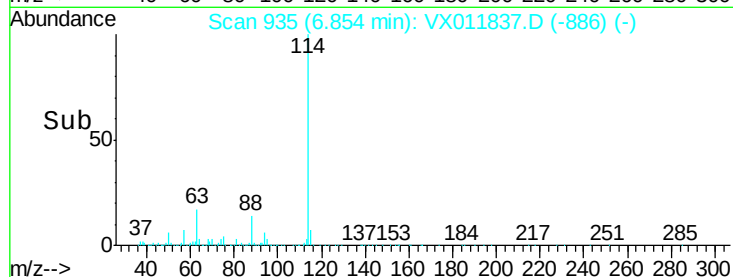
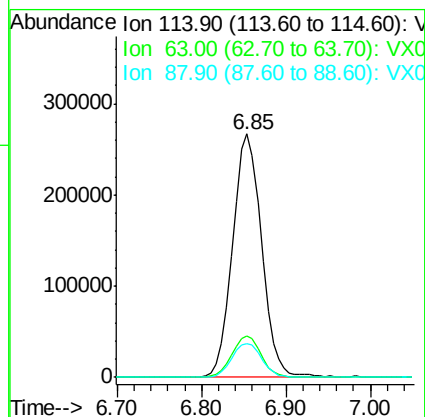
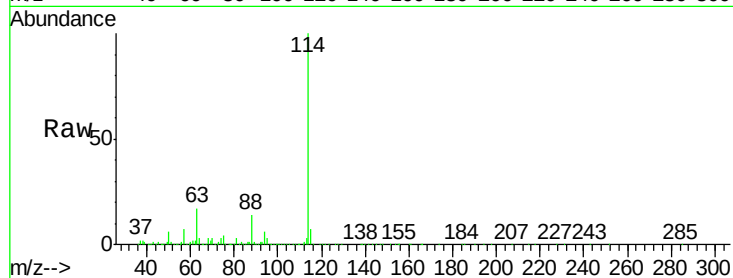




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011837.D
Acq: 24 Aug 2019 22:30

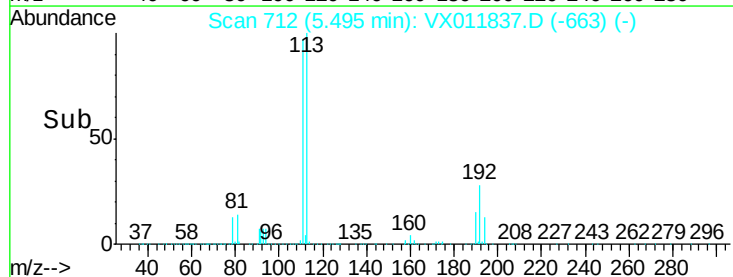
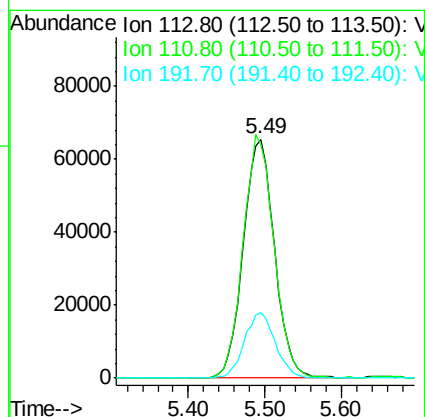
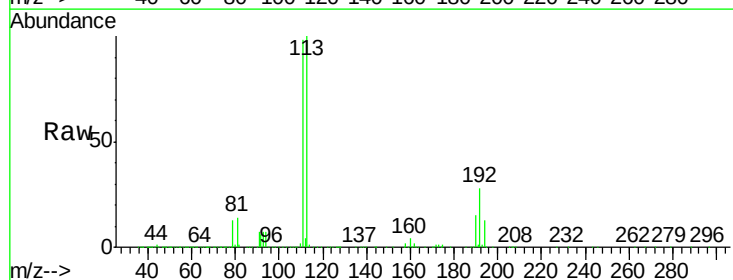
Instrument :
MSVOA_X
ClientSampleId :
WC-PILE-082219

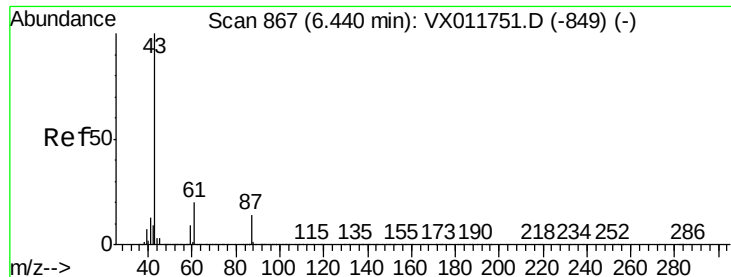
Tot Ion:	114	Resp:	622660
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	36.8
88	13.7	0.0	30.2



#35
Dibromofluoromethane
Concen: 46.079 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011837.D
Acq: 24 Aug 2019 22:30

Tgt Ion:	113	Resp:	185531
Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.0	121.4
192	27.4	19.9	29.9





#43

Isopropyl Acetate

Concen: 7.326 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011837.D

Acq: 24 Aug 2019 22:30

Instrument :

MSVOA_X

ClientSampleId :

WC-PILE-082219

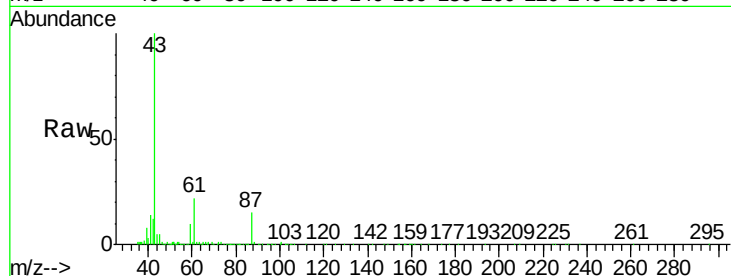
Tot Ion: 43 Resp: 61269

Ion Ratio Lower Upper

43 100

61 20.8 16.2 24.2

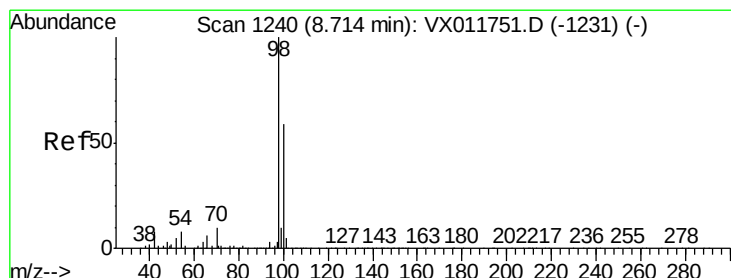
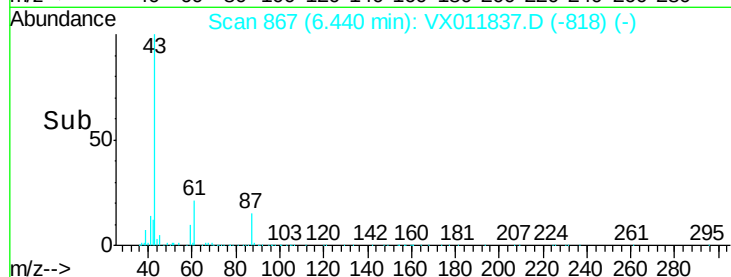
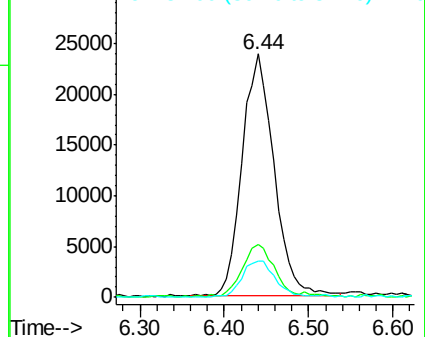
87 15.8 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 50.656 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011837.D

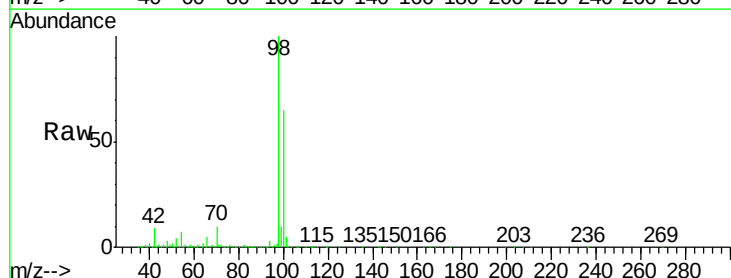
Acq: 24 Aug 2019 22:30

Tgt Ion: 98 Resp: 711412

Ion Ratio Lower Upper

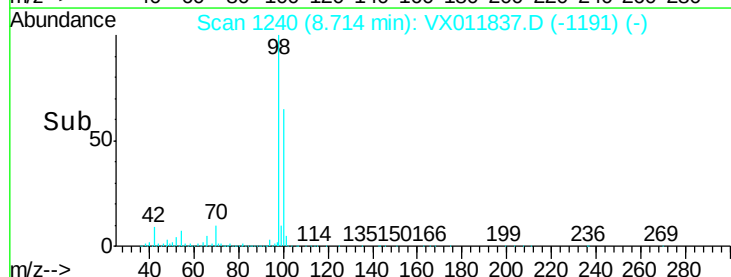
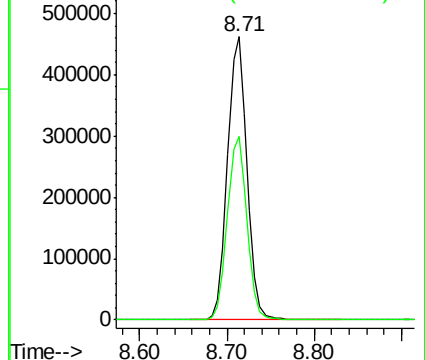
98 100

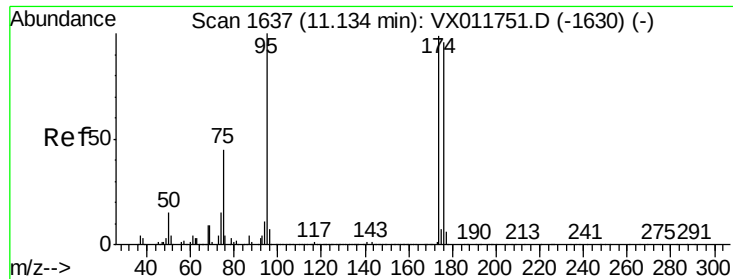
100 64.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.474 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011837.D

Acq: 24 Aug 2019 22:30

Instrument :

MSVOA_X

ClientSampleId :

WC-PILE-082219

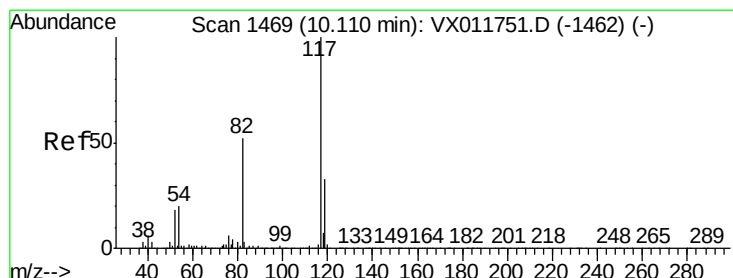
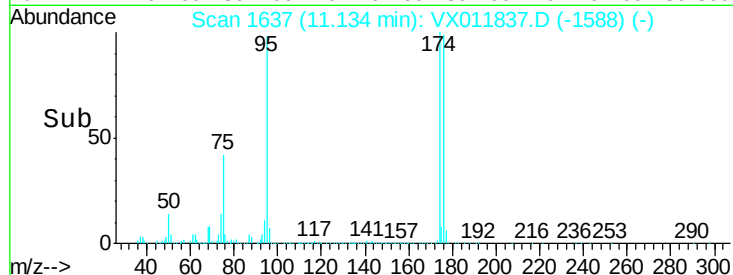
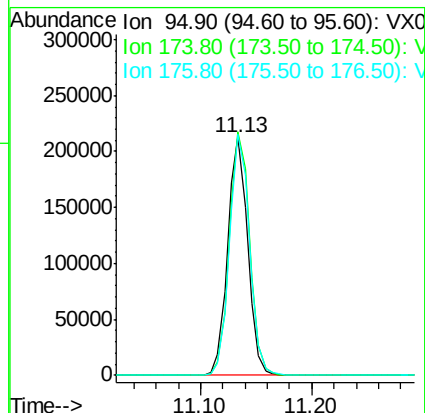
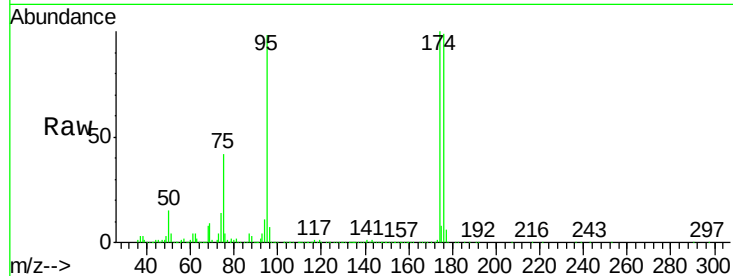
Tot Ion: 95 Resp: 263530

Ion Ratio Lower Upper

95 100

174 104.3 0.0 197.4

176 101.8 0.0 194.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011837.D

Acq: 24 Aug 2019 22:30

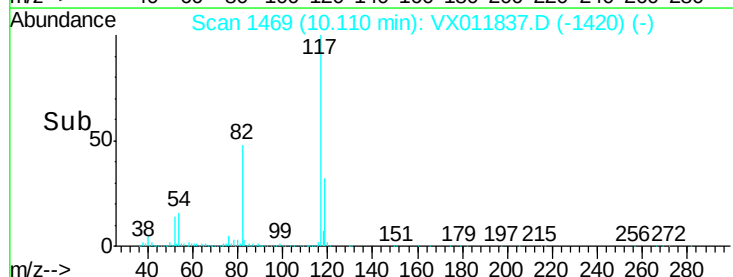
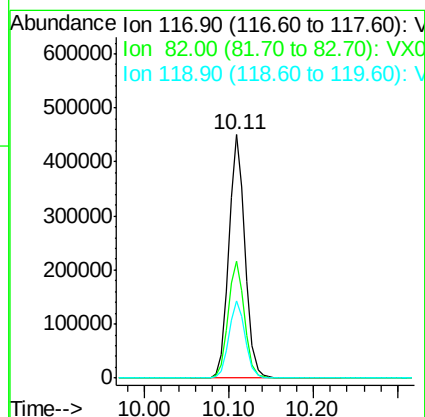
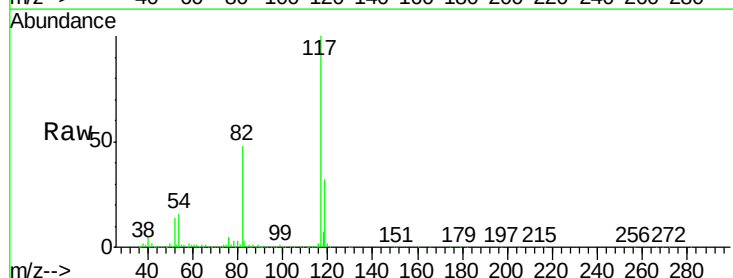
Tgt Ion: 117 Resp: 590675

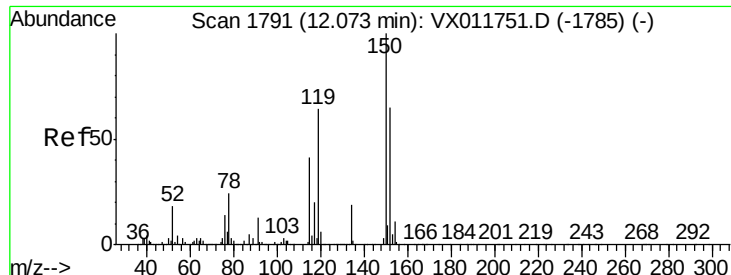
Ion Ratio Lower Upper

117 100

82 47.7 41.7 62.5

119 31.6 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011837.D

Acq: 24 Aug 2019 22:30

Instrument :

MSVOA_X

ClientSampleId :

WC-PILE-082219

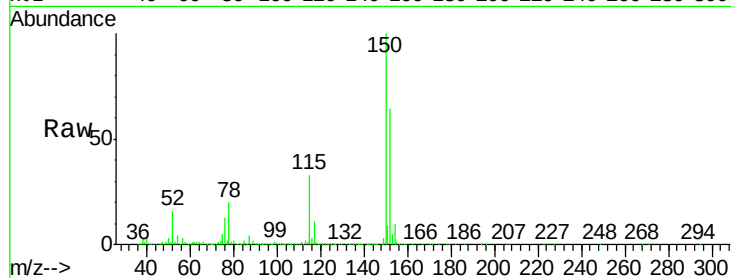
Tot Ion:152 Resp: 326757

Ion Ratio Lower Upper

152 100

115 51.6 37.3 111.8

150 154.2 0.0 343.0



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

