

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011759.D
 Acq On : 22 Aug 2019 14:10
 Operator : JC/SP
 Sample : K4388-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-B3-(2)

Quant Time: Aug 23 02:18:16 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

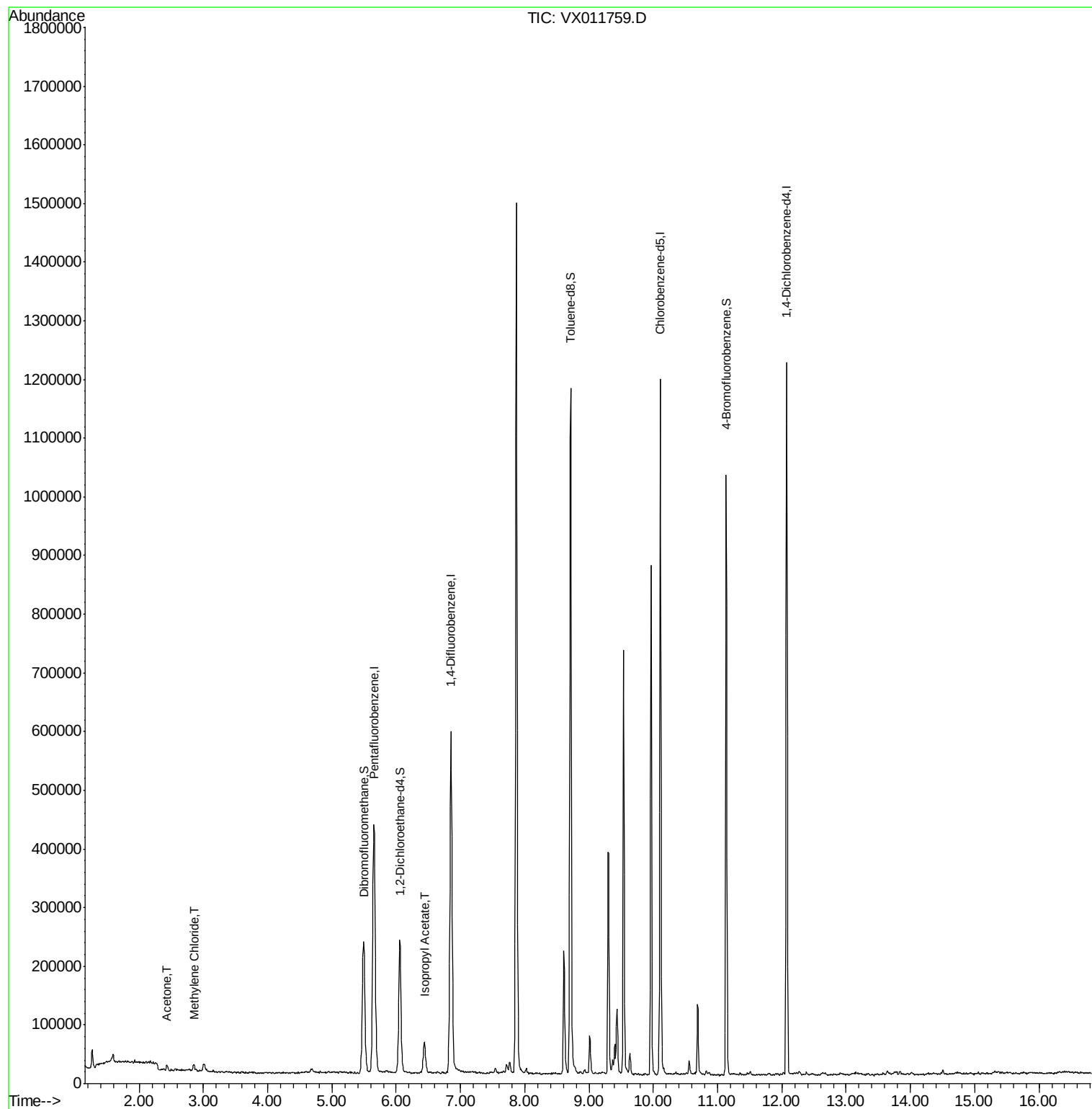
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	455215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	628605	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	575486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	281331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	217634	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
35) Dibromofluoromethane	5.49	113	191134	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	8.71	98	717445	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.13	95	253590	45.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.50%	
Target Compounds						
16) Acetone	2.43	43	10594	5.326	ug/l	98
20) Methylene Chloride	2.85	84	5647	1.389	ug/l	96
43) Isopropyl Acetate	6.44	43	75394	8.930	ug/l	98

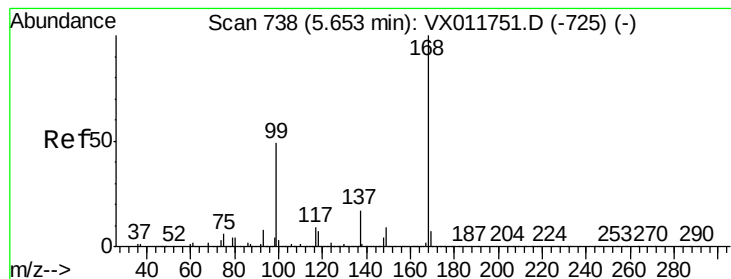
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082219\
Data File : VX011759.D
Acq On : 22 Aug 2019 14:10
Operator : JC/SP
Sample : K4388-25
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(2)

Quant Time: Aug 23 02:18:16 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: VX011759.D

Acq: 22 Aug 2019 14:10

Instrument :

MSVOA_X

ClientSampleId :

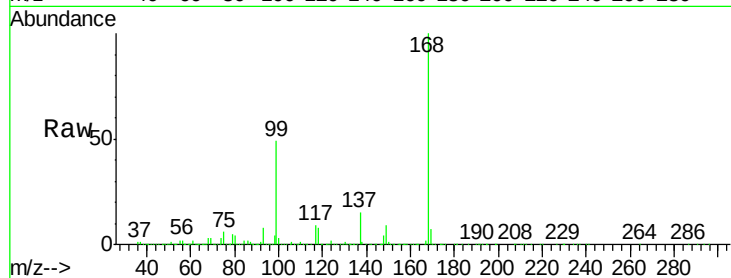
T4-B3-(2)

Tot Ion:168 Resp: 455215

Ion Ratio Lower Upper

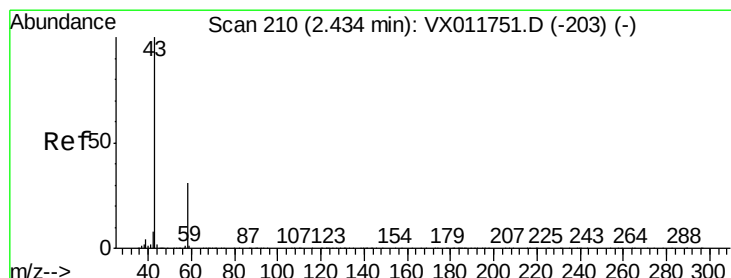
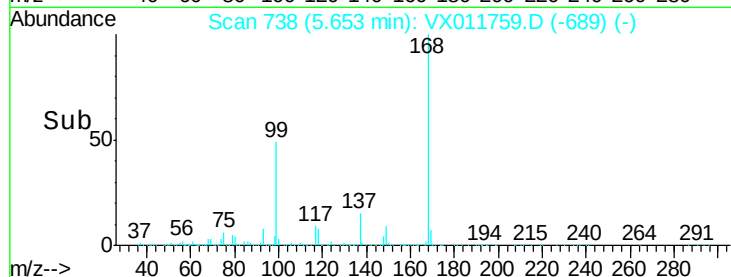
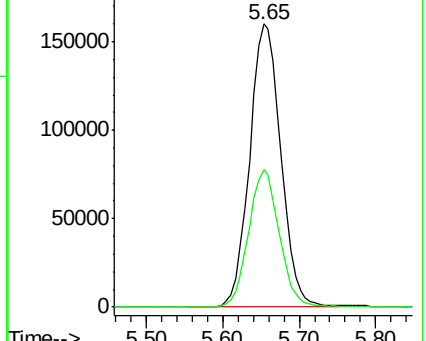
168 100

99 48.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.326 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011759.D

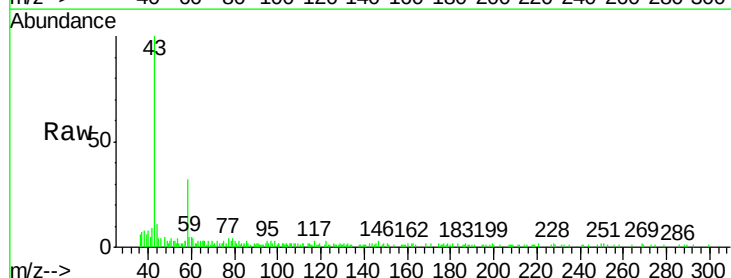
Acq: 22 Aug 2019 14:10

Tgt Ion: 43 Resp: 10594

Ion Ratio Lower Upper

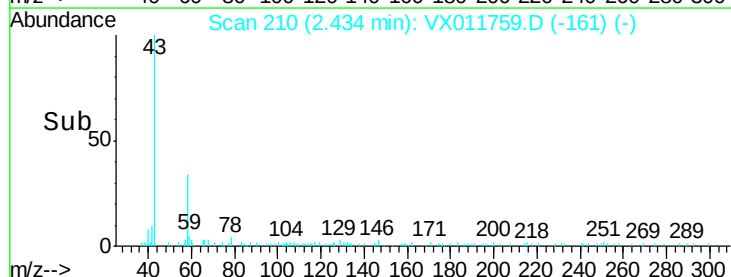
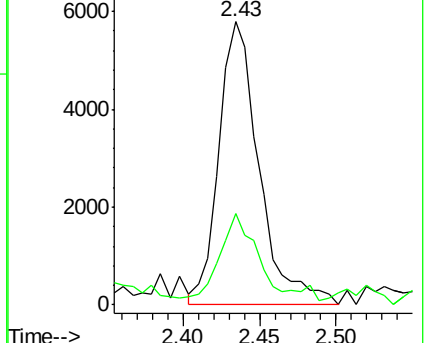
43 100

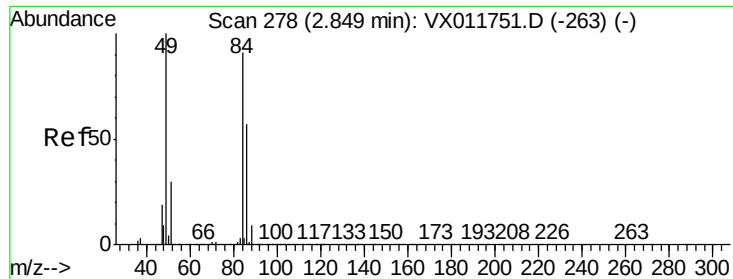
58 29.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

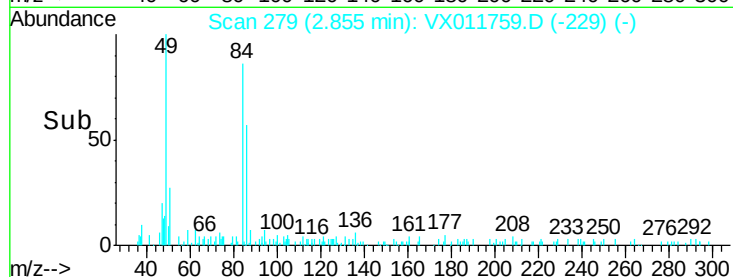
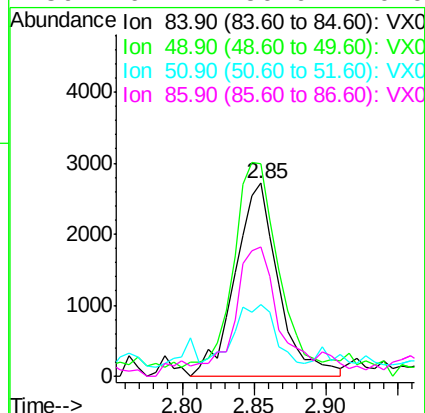
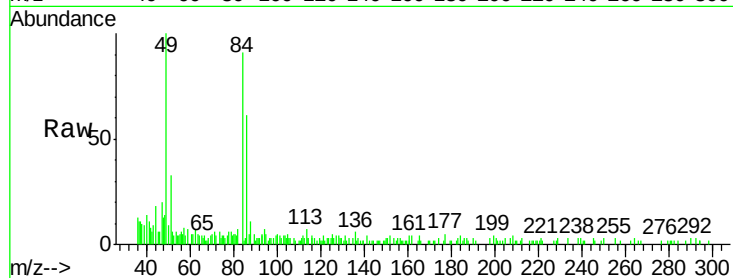




#20
Methylene Chloride
Concen: 1.389 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

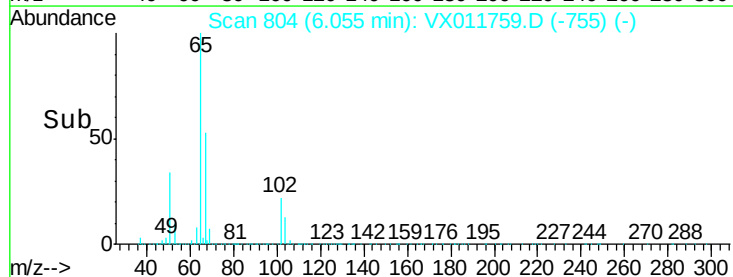
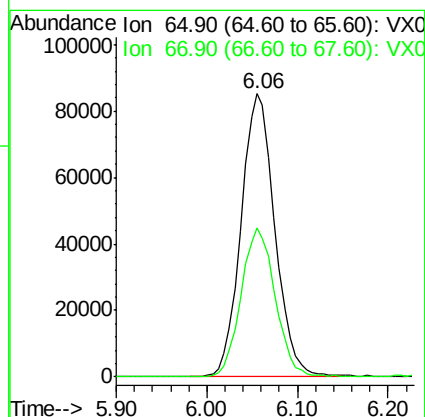
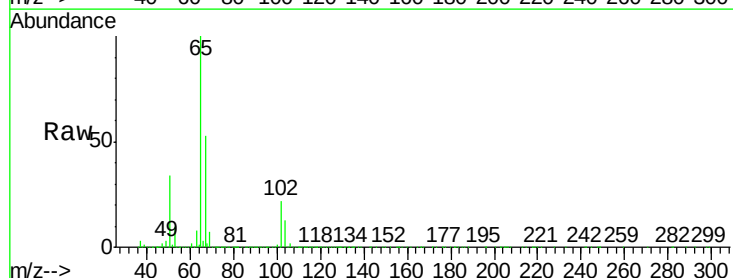
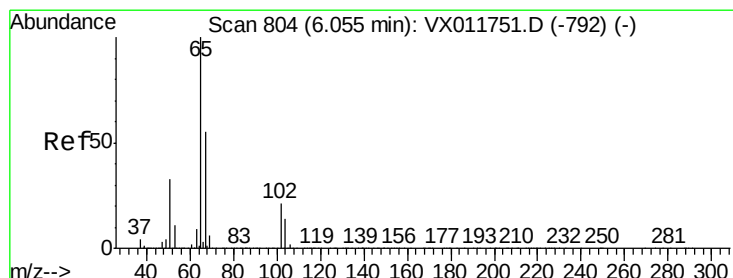
Instrument :
MSVOA_X
ClientSampled :
T4-B3-(2)

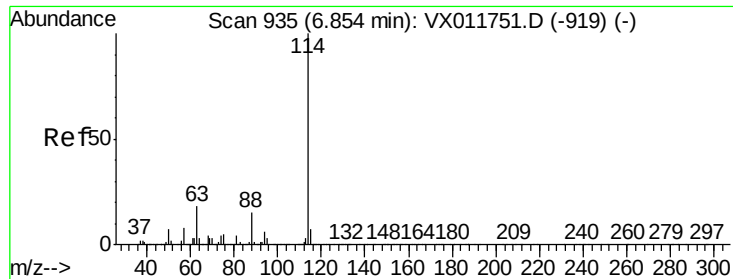
Tot Ion:	84	Resp:	5647
Ion	Ratio	Lower	Upper
84	100		
49	106.9	88.3	132.5
51	26.7	26.2	39.2
86	64.1	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 47.592 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011759.D
Acq: 22 Aug 2019 14:10

Tgt Ion:	65	Resp:	217634
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.8

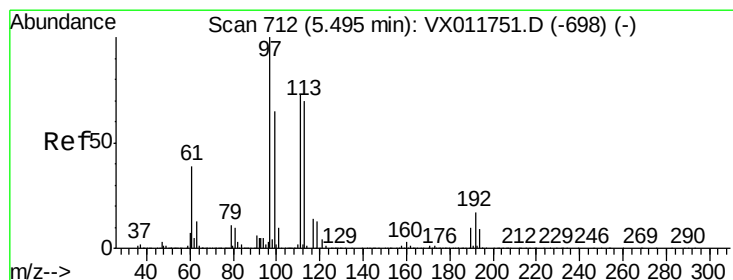
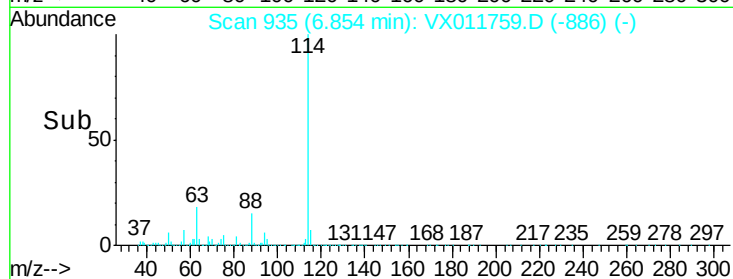
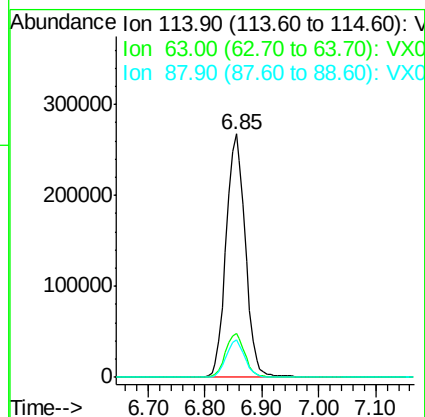
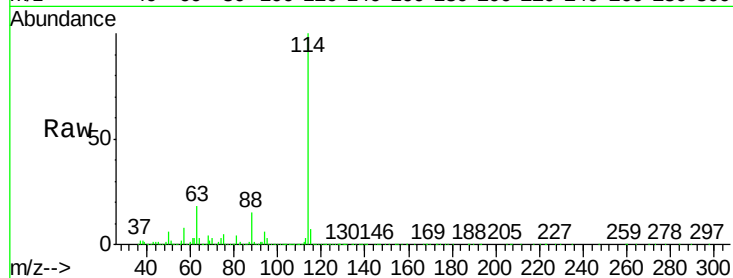




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011759.D
 Acq: 22 Aug 2019 14:10

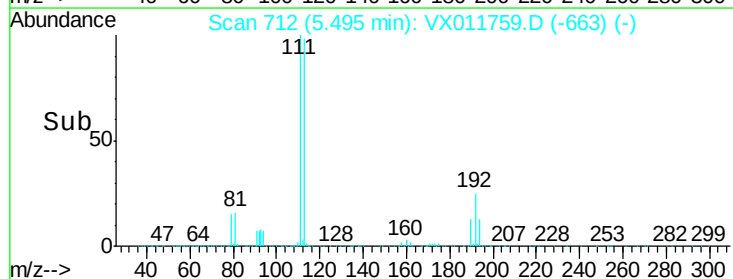
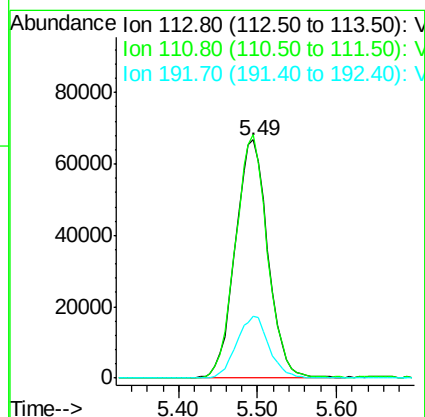
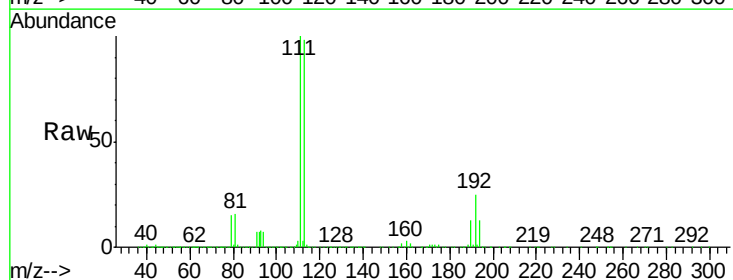
Instrument :
 MSVOA_X
 ClientSampleId :
 T4-B3-(2)

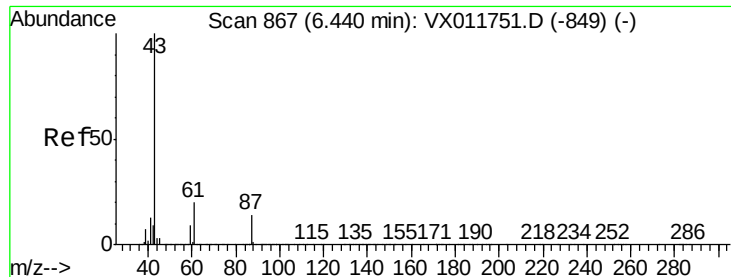
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	36.8
88	15.2	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 47.022 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011759.D
 Acq: 22 Aug 2019 14:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.0	121.4
192	26.0	19.9	29.9





#43

Isopropyl Acetate

Concen: 8.930 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011759.D

Acq: 22 Aug 2019 14:10

Instrument :

MSVOA_X

ClientSampleId :

T4-B3-(2)

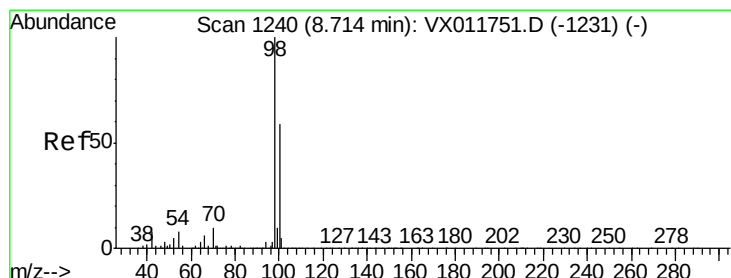
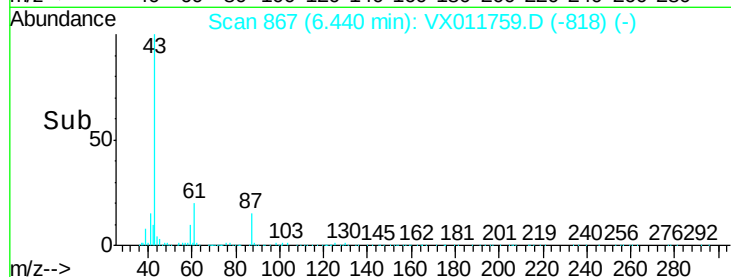
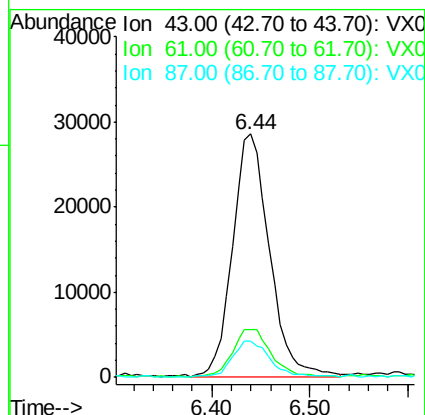
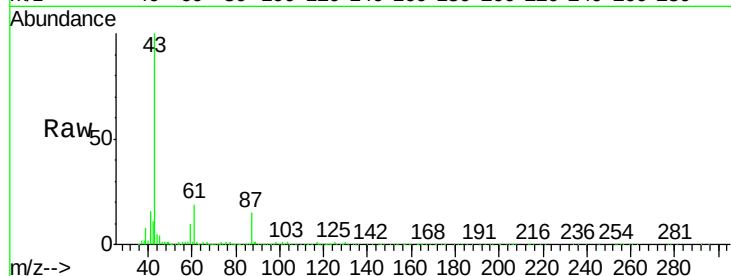
Tot Ion: 43 Resp: 75394

Ion Ratio Lower Upper

43 100

61 21.1 16.2 24.2

87 15.6 11.6 17.4



#50

Toluene-d8

Concen: 50.602 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011759.D

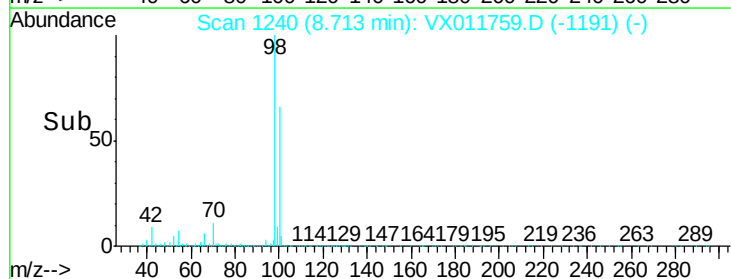
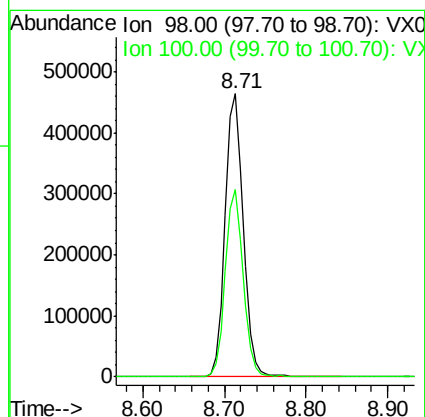
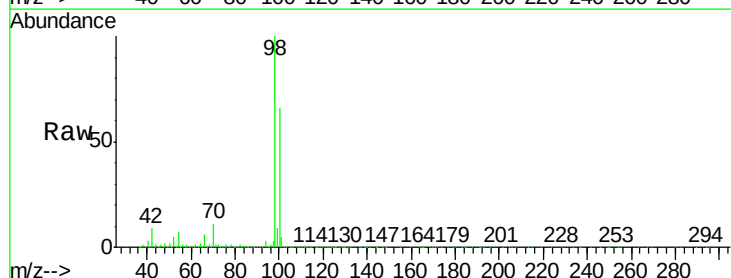
Acq: 22 Aug 2019 14:10

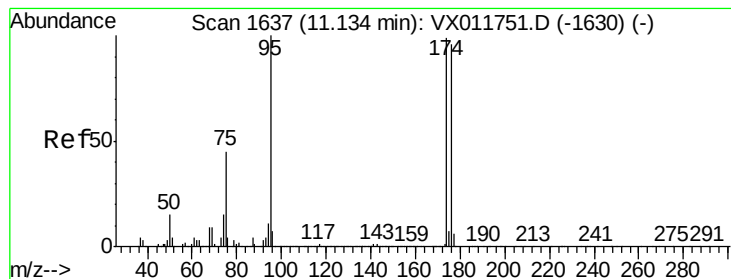
Tgt Ion: 98 Resp: 717445

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 45.251 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011759.D

Acq: 22 Aug 2019 14:10

Instrument :

MSVOA_X

ClientSampled :

T4-B3-(2)

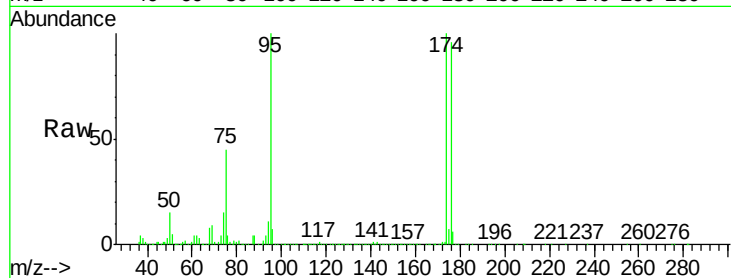
Tot Ion: 95 Resp: 253590

Ion Ratio Lower Upper

95 100

174 103.1 0.0 197.4

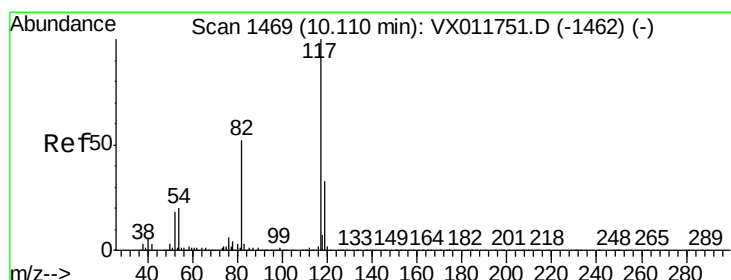
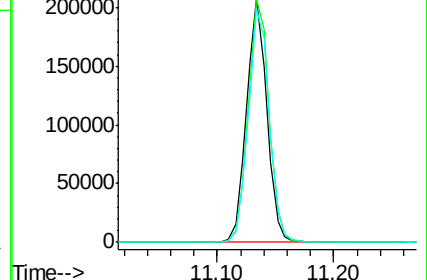
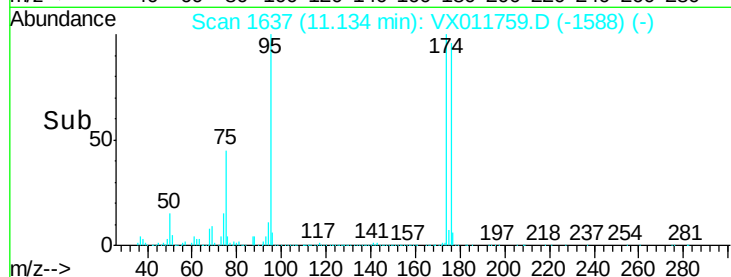
176 98.9 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX011759.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011759.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011759.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011759.D

Acq: 22 Aug 2019 14:10

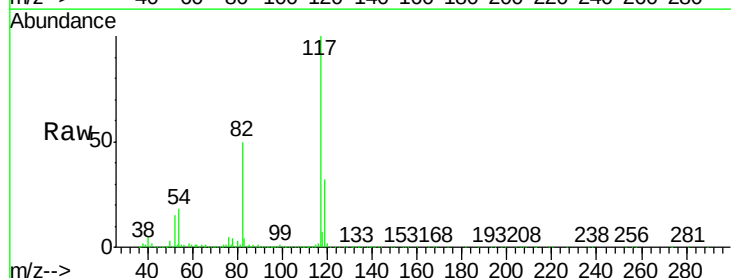
Tgt Ion: 117 Resp: 575486

Ion Ratio Lower Upper

117 100

82 50.0 41.7 62.5

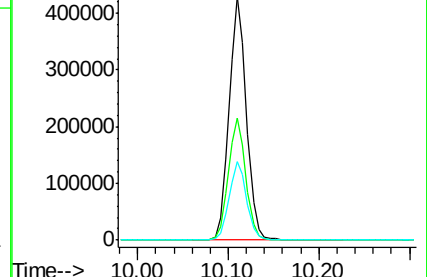
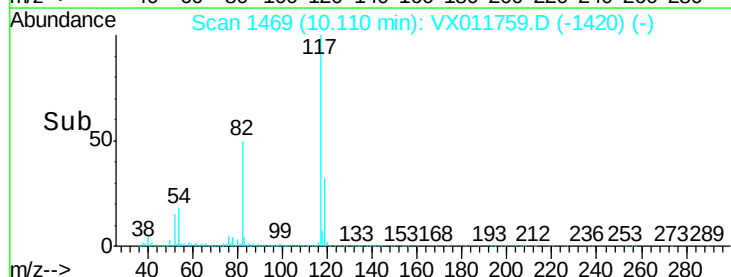
119 32.3 26.2 39.2

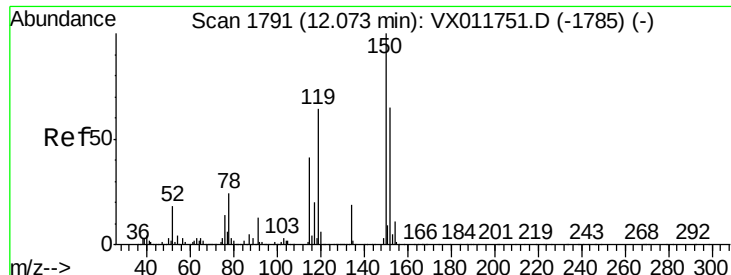


Abundance Ion 116.90 (116.60 to 117.60): VX011759.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011759.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011759.D (-1420) (-)

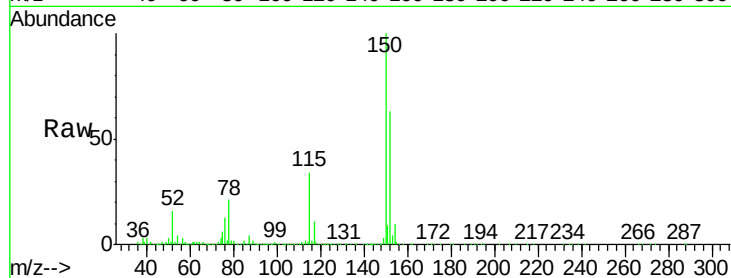




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX011759.D
 Acq: 22 Aug 2019 14:10

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-B3-(2)

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.2	37.3	111.8
150	156.0	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

