

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011430.D
 Acq On : 11 Aug 2019 14:42
 Operator : JC/SP
 Sample : K4228-28
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-F1-(1)

Quant Time: Aug 12 08:29:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

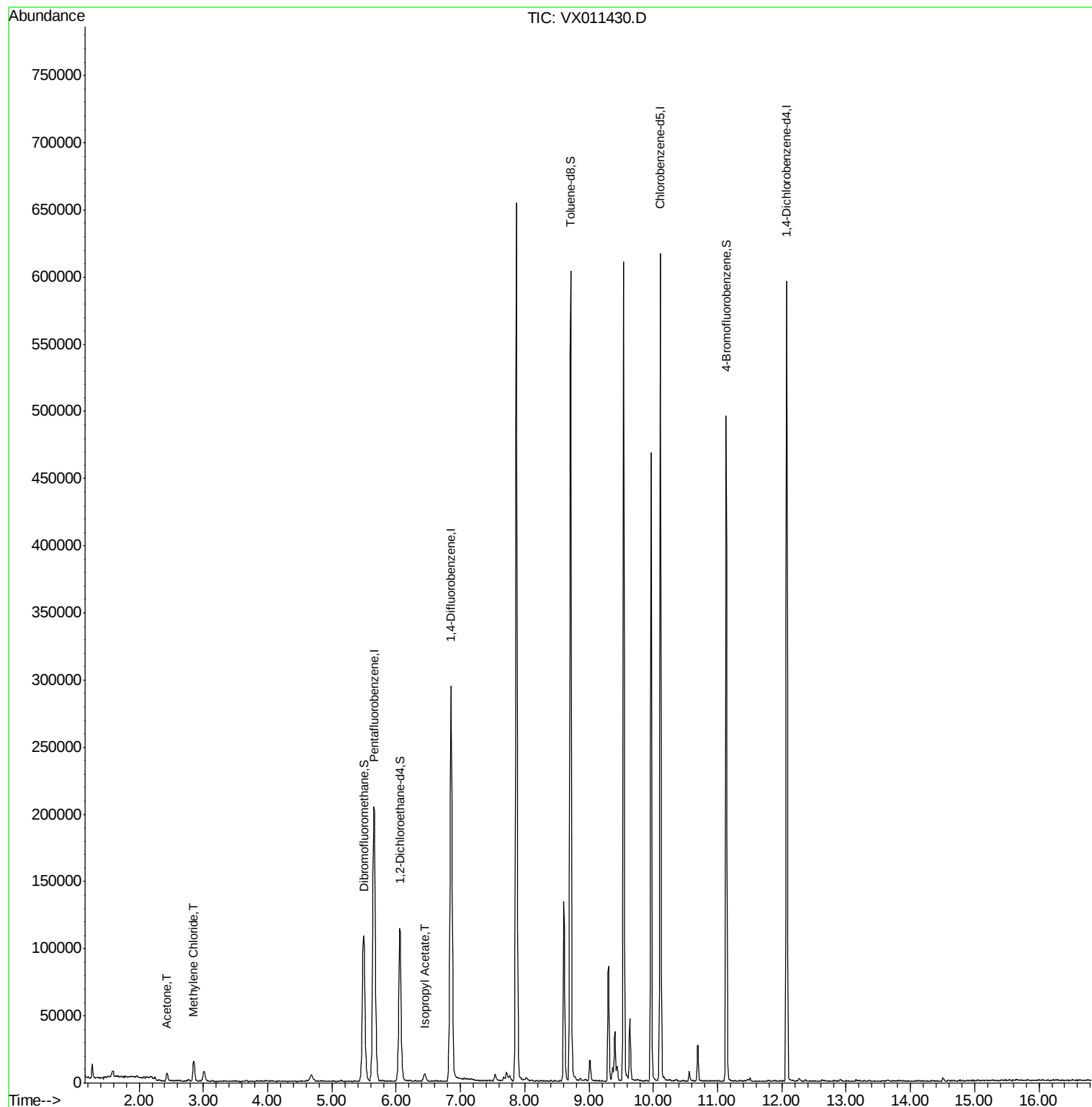
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	203310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107604	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
35) Dibromofluoromethane	5.49	113	91482	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
50) Toluene-d8	8.71	98	356269	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	120097	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
Target Compounds						
16) Acetone	2.43	43	6350	6.516	ug/l	98
20) Methylene Chloride	2.85	84	7368	3.452	ug/l	93
43) Isopropyl Acetate	6.44	43	8503	2.010	ug/l	97

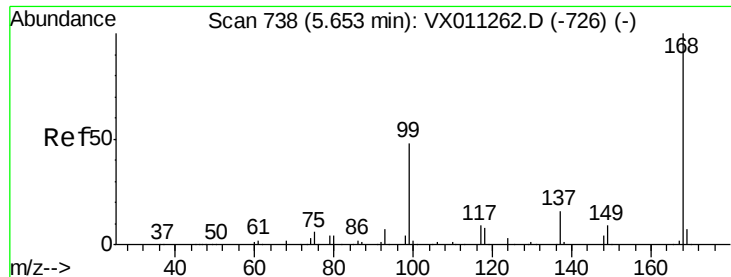
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 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: VX011430.D

Acq: 11 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

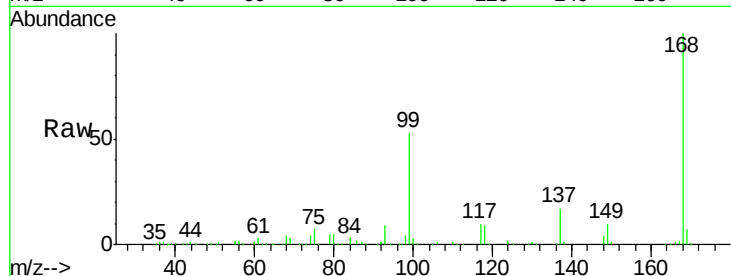
2S-F1-(1)

Tot Ion:168 Resp: 203310

Ion Ratio Lower Upper

168 100

99 52.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

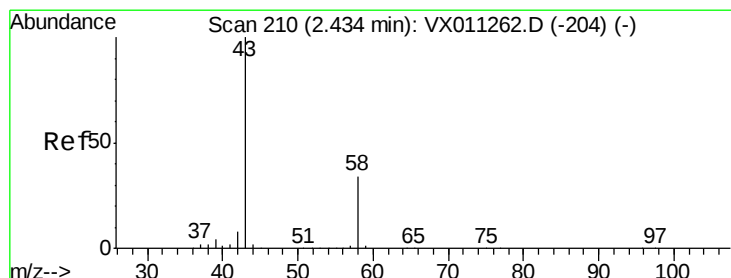
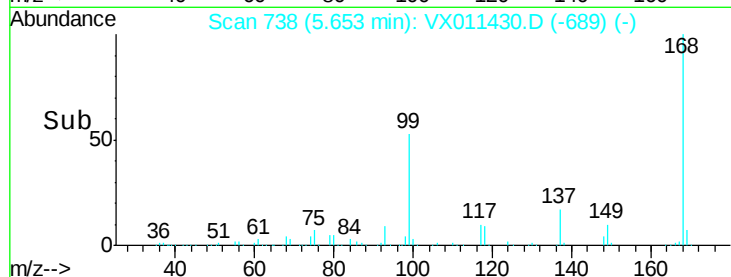
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.516 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011430.D

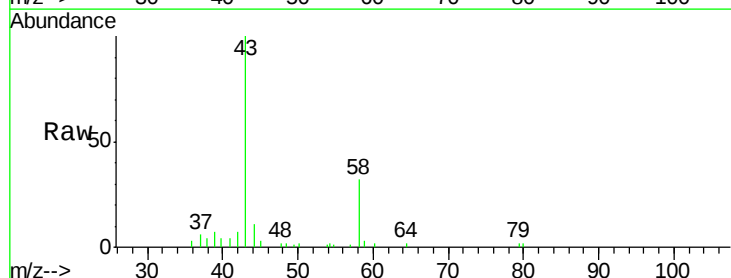
Acq: 11 Aug 2019 14:42

Tgt Ion: 43 Resp: 6350

Ion Ratio Lower Upper

43 100

58 32.9 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

4000

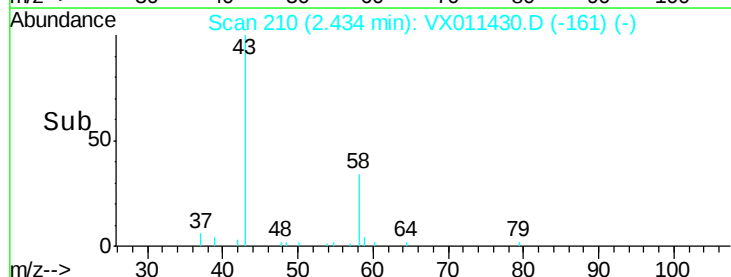
3000

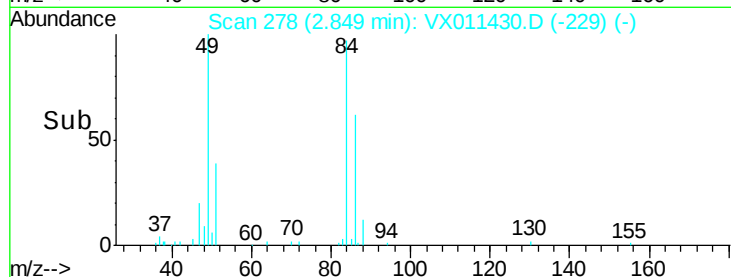
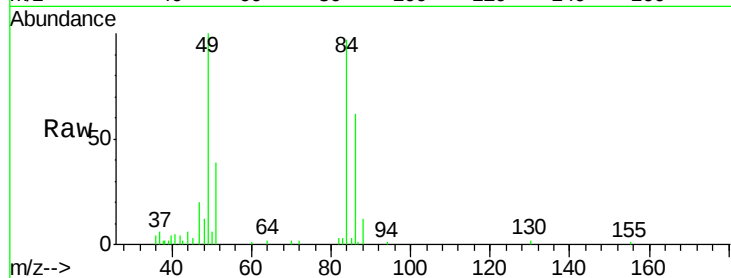
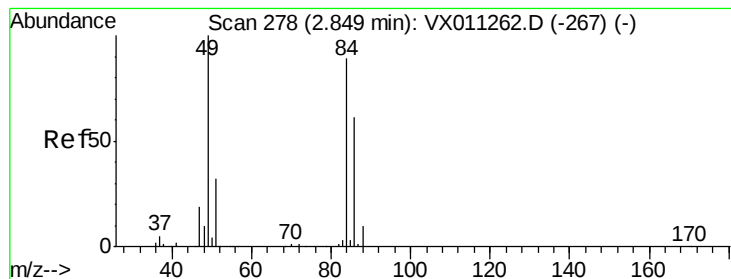
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 3.452 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011430.D

Acq: 11 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampled :

2S-F1-(1)

Tot Ion: 84 Resp: 7368

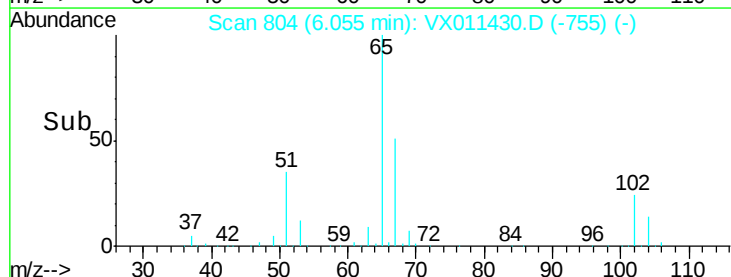
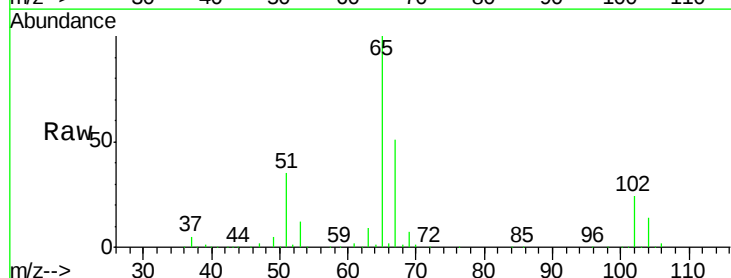
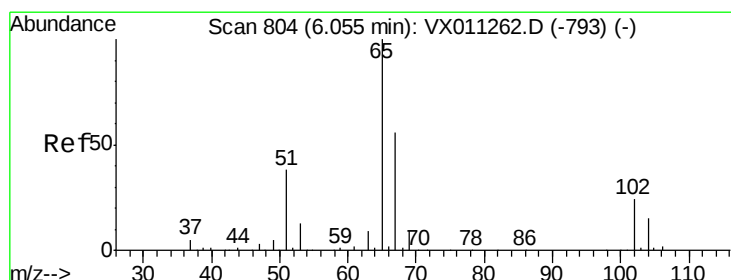
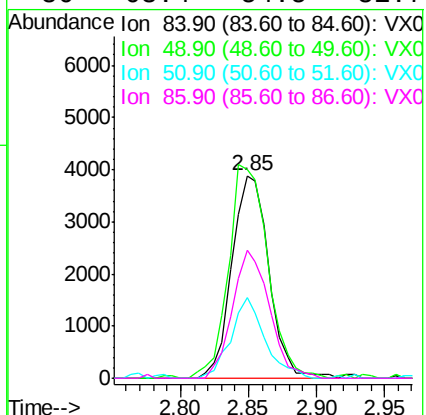
Ion Ratio Lower Upper

84 100

49 103.0 89.3 133.9

51 40.0 28.3 42.5

86 63.4 54.5 81.7



#33

1,2-Dichloroethane-d4

Concen: 52.555 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011430.D

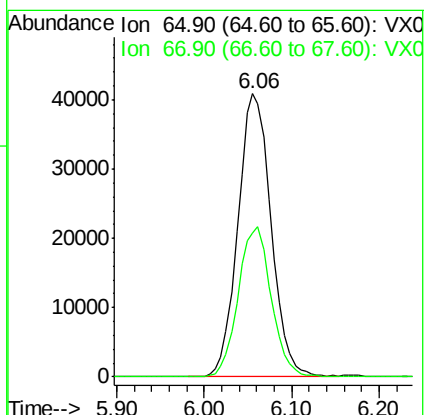
Acq: 11 Aug 2019 14:42

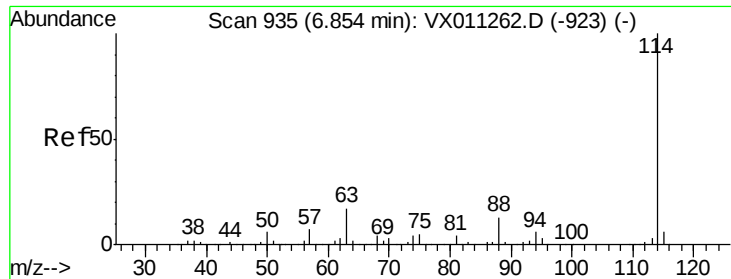
Tgt Ion: 65 Resp: 107604

Ion Ratio Lower Upper

65 100

67 52.8 0.0 110.6

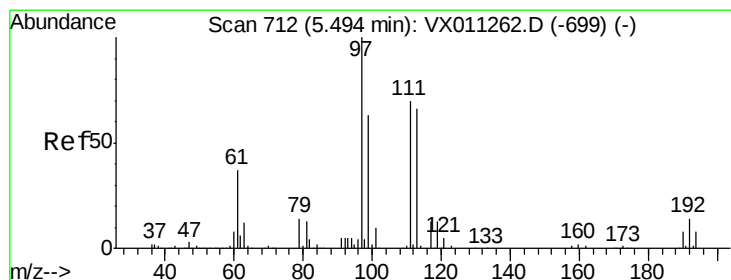
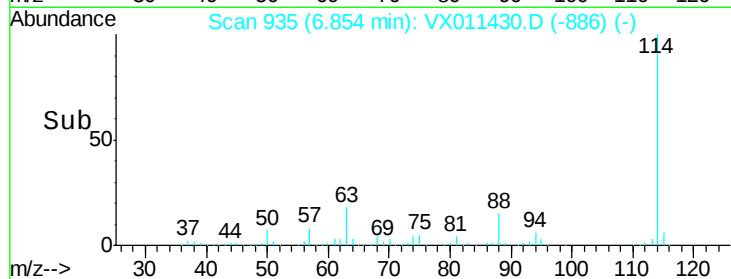
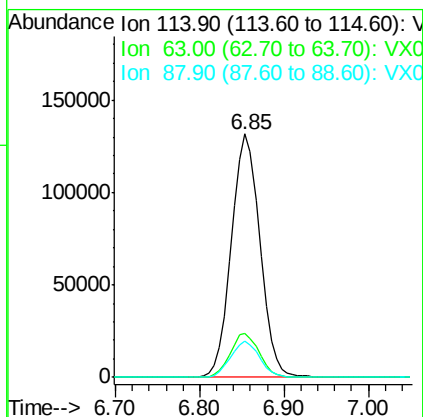
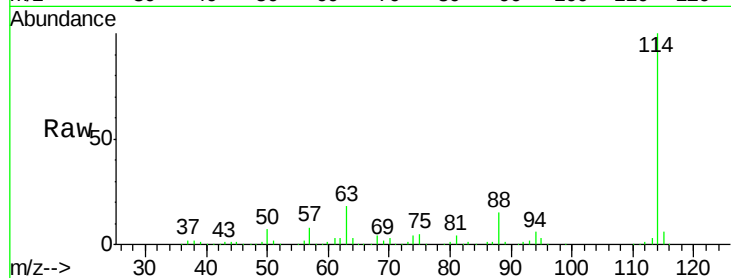




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011430.D
 Acq: 11 Aug 2019 14:42

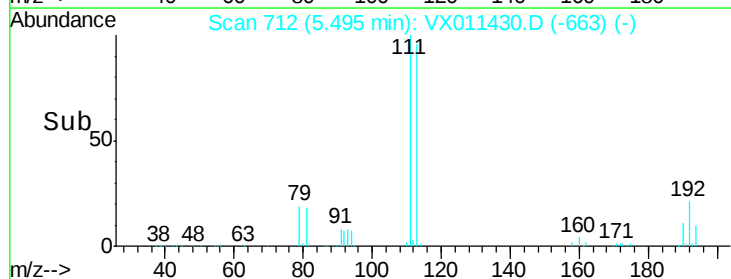
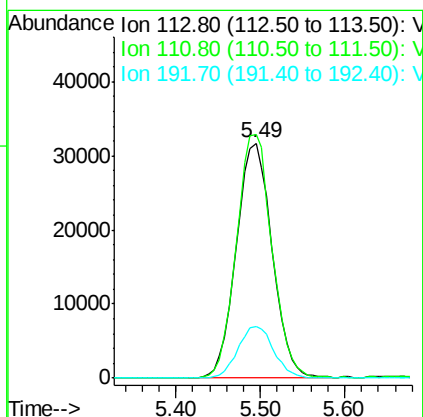
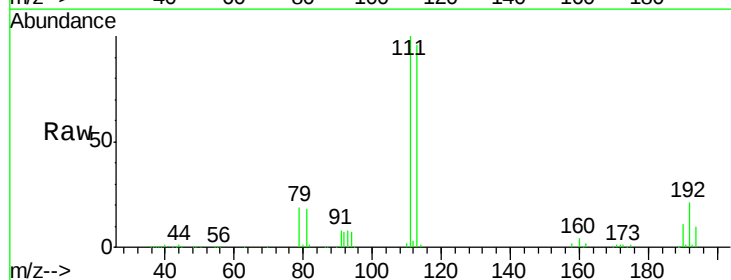
Instrument :
 MSVOA_X
 ClientSampleId :
 2S-F1-(1)

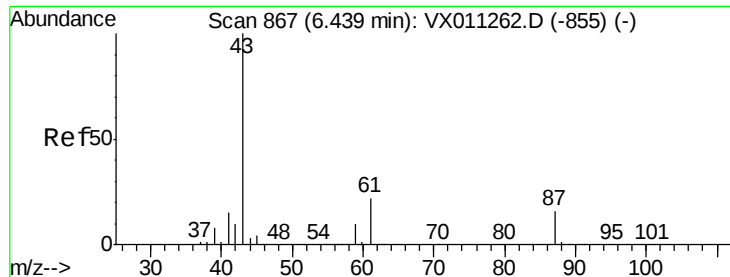
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.0
88	14.8	0.0	26.4



#35
 Dibromofluoromethane
 Concen: 46.369 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011430.D
 Acq: 11 Aug 2019 14:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	21.9	17.8	26.8





#43

Isopropyl Acetate

Concen: 2.010 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011430.D

Acq: 11 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

2S-F1-(1)

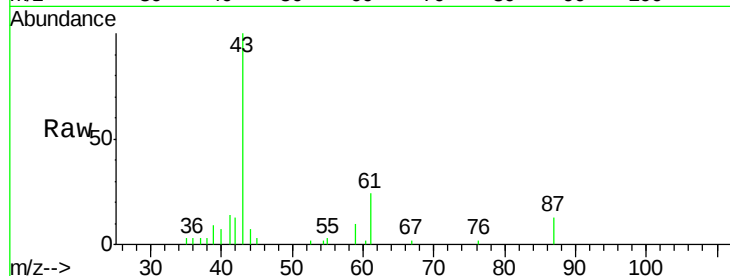
Tot Ion: 43 Resp: 8503

Ion Ratio Lower Upper

43 100

61 22.1 16.5 24.7

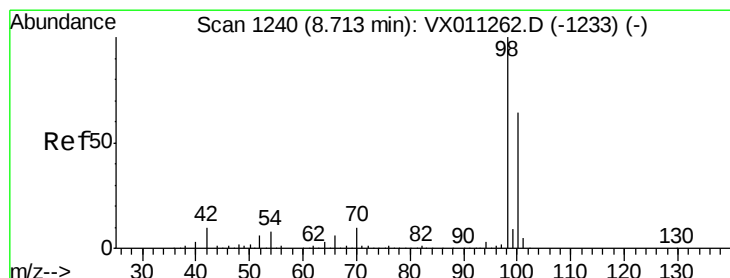
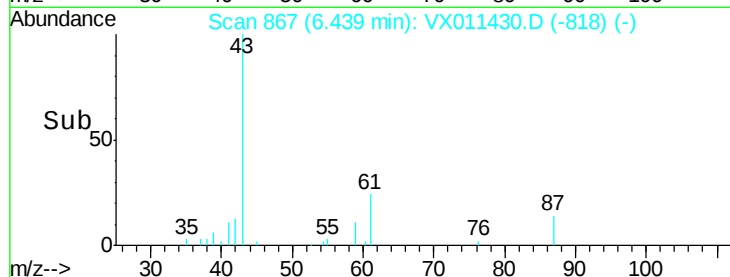
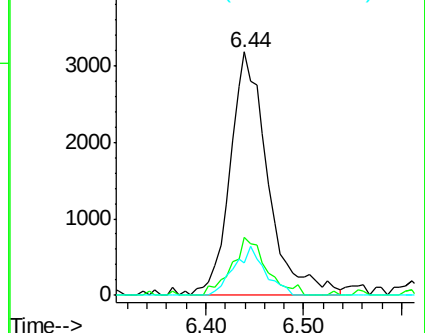
87 16.5 12.1 18.1



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: 47.840 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011430.D

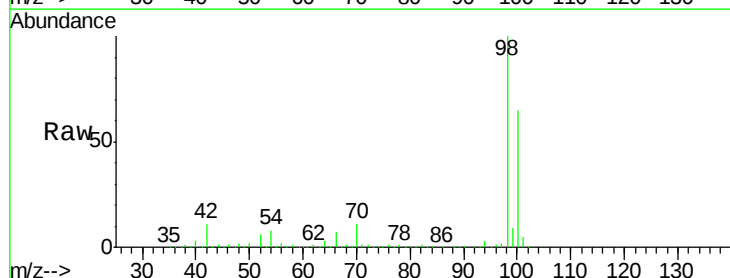
Acq: 11 Aug 2019 14:42

Tgt Ion: 98 Resp: 356269

Ion Ratio Lower Upper

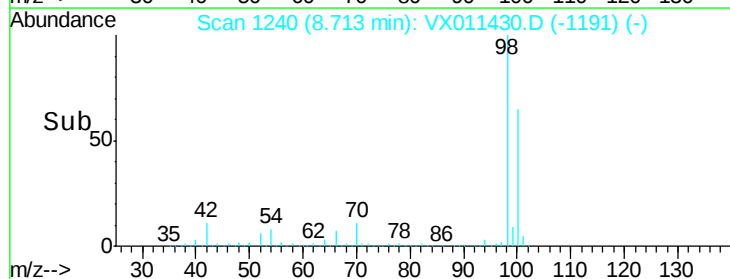
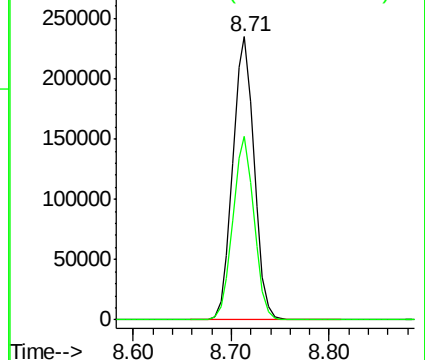
98 100

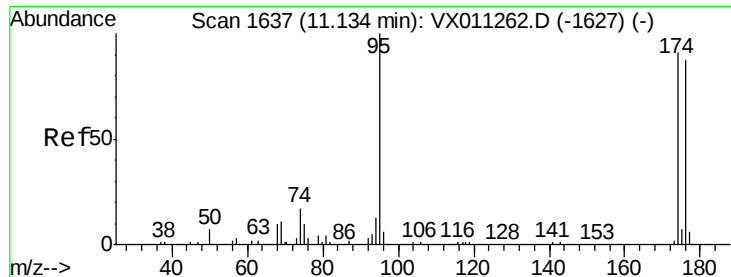
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

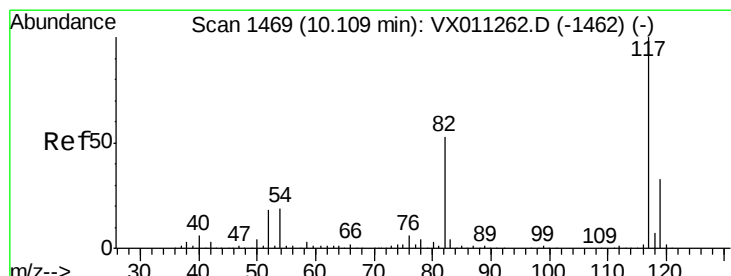
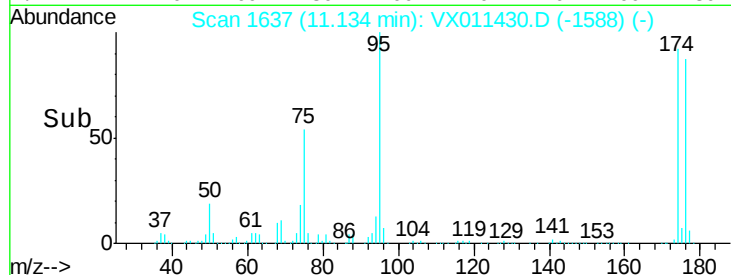
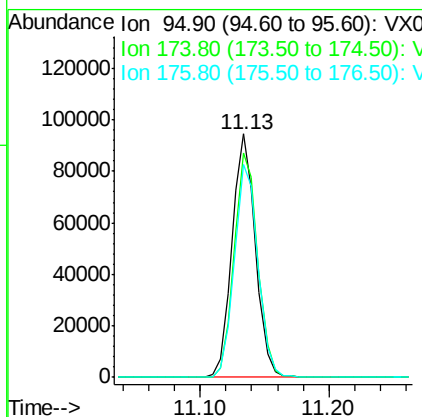
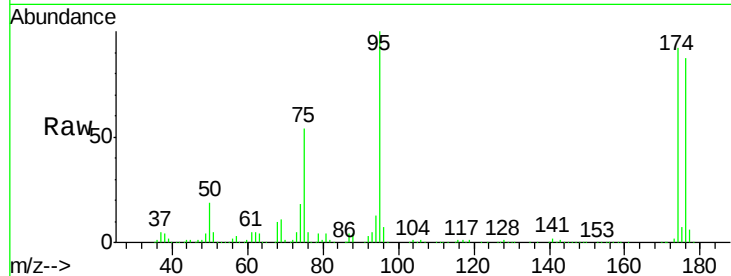




#62
4-Bromofluorobenzene
Concen: 45.169 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011430.D
Acq: 11 Aug 2019 14:42

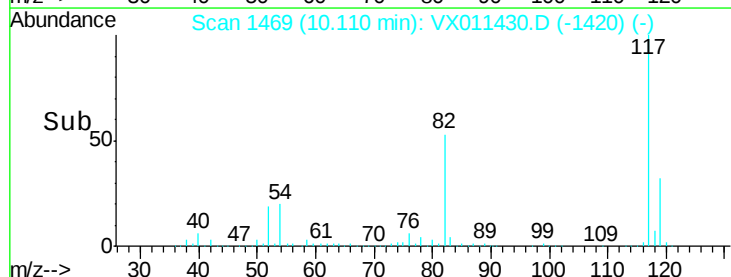
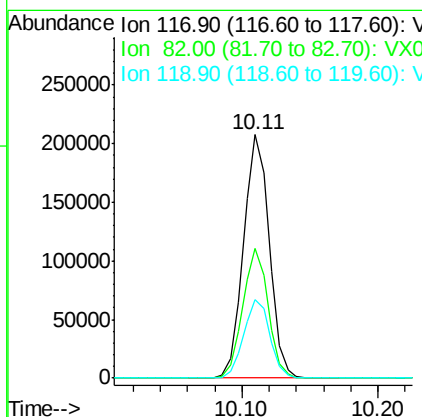
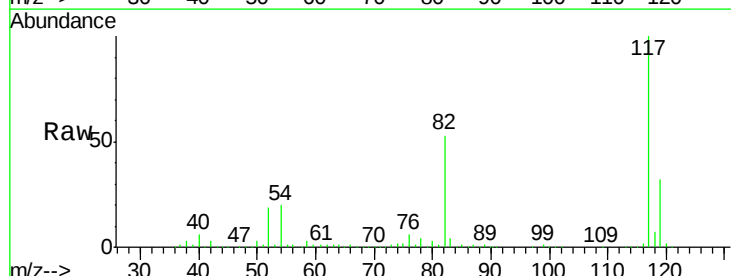
Instrument :
MSVOA_X
ClientSampleId :
2S-F1-(1)

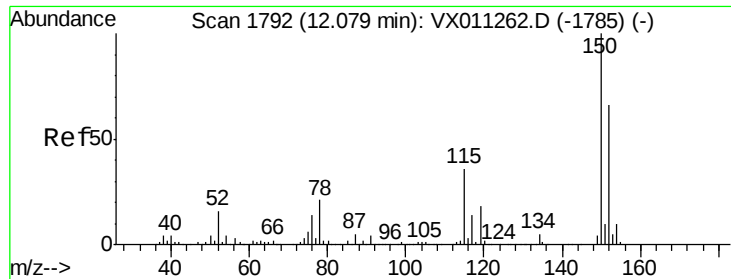
Tot Ion: 95 Resp: 120097
Ion Ratio Lower Upper
95 100
174 92.5 0.0 191.2
176 88.2 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011430.D
Acq: 11 Aug 2019 14:42

Tgt Ion: 117 Resp: 274768
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.2
119 32.3 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011430.D

Acq: 11 Aug 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

2S-F1-(1)

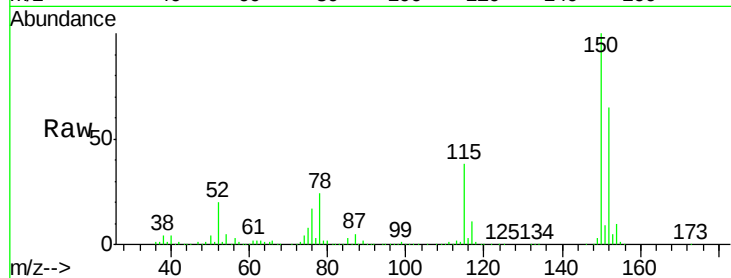
Tot Ion:152 Resp: 127768

Ion Ratio Lower Upper

152 100

115 55.8 40.0 119.9

150 155.2 0.0 350.4



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

