

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011438.D
 Acq On : 11 Aug 2019 17:49
 Operator : JC/SP
 Sample : K4228-38
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-11-1)

Quant Time: Aug 12 09:14:24 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

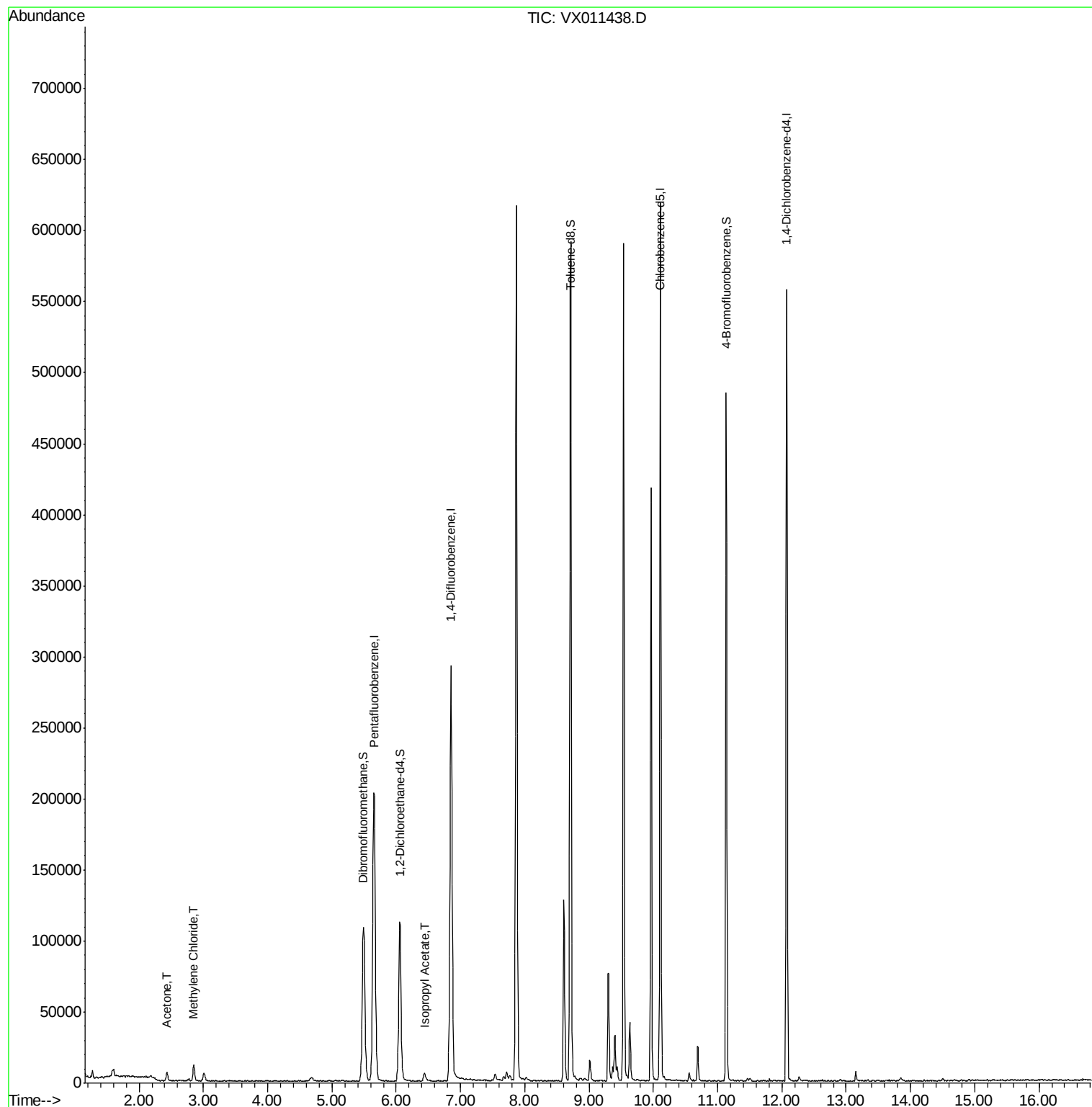
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	200633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	108285	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
35) Dibromofluoromethane	5.49	113	92367	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
50) Toluene-d8	8.71	98	362616	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.13	95	117184	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
Target Compounds						
16) Acetone	2.43	43	6697	6.964	ug/l	94
20) Methylene Chloride	2.85	84	5248	2.492	ug/l	92
43) Isopropyl Acetate	6.44	43	7861	1.864	ug/l	99

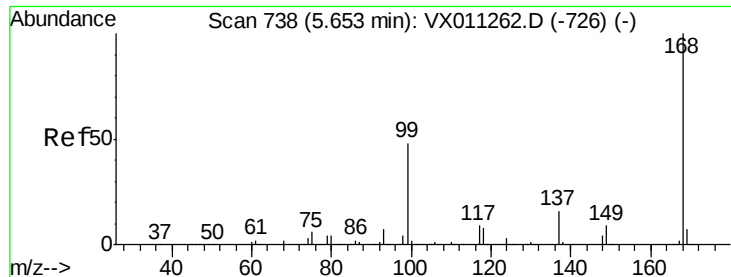
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011438.D

Acq: 11 Aug 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

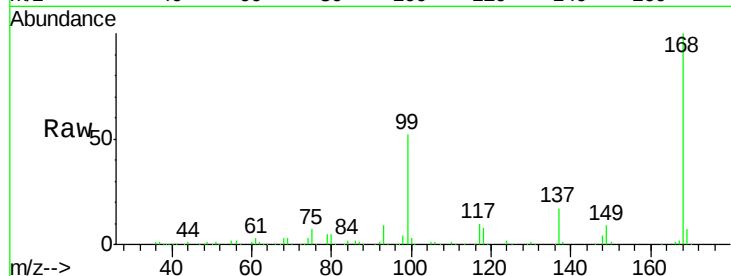
2S-11-(1)

Tot Ion:168 Resp: 200633

Ion Ratio Lower Upper

168 100

99 52.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

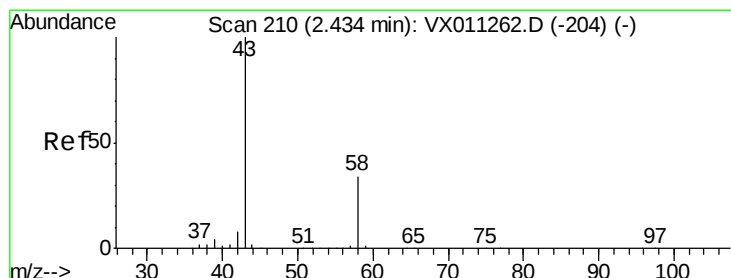
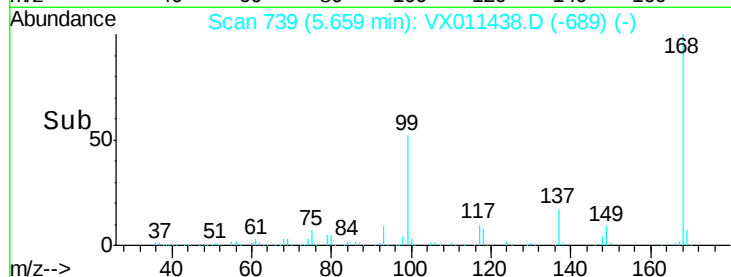
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.964 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011438.D

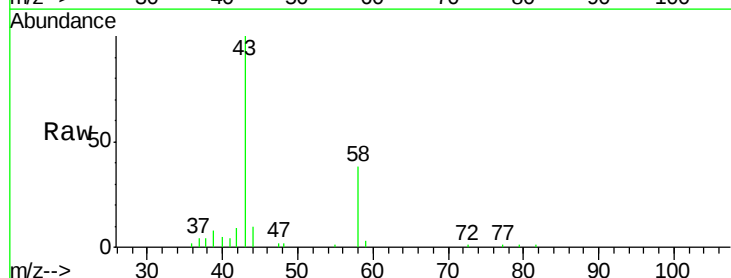
Acq: 11 Aug 2019 17:49

Tgt Ion: 43 Resp: 6697

Ion Ratio Lower Upper

43 100

58 37.6 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

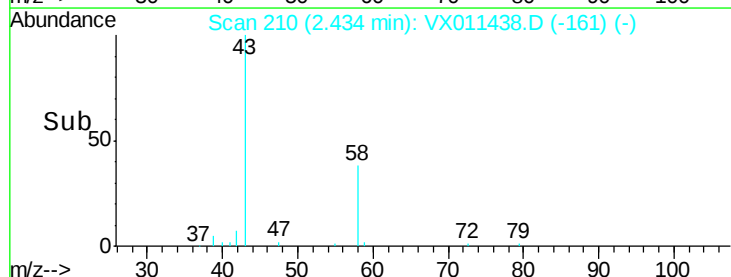
3000

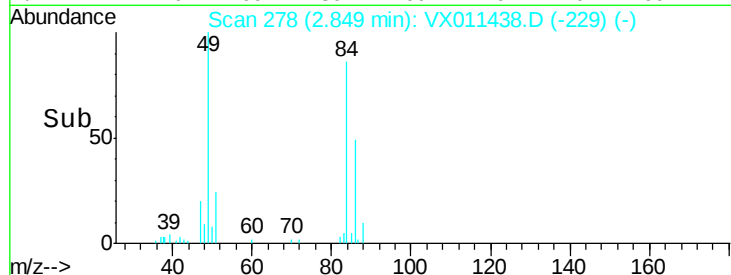
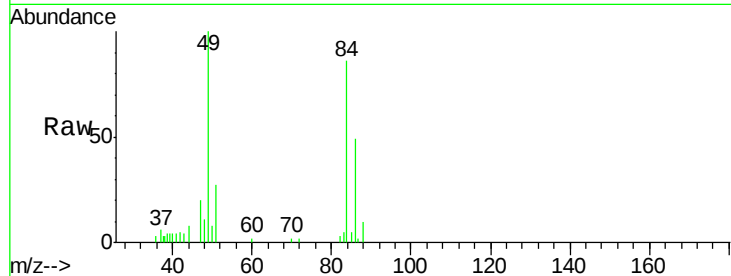
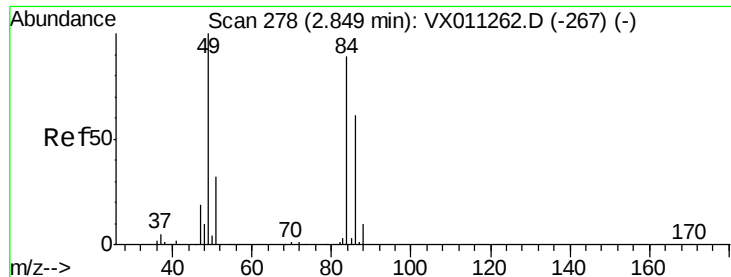
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

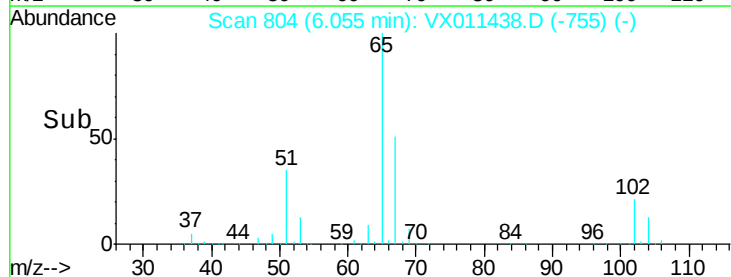
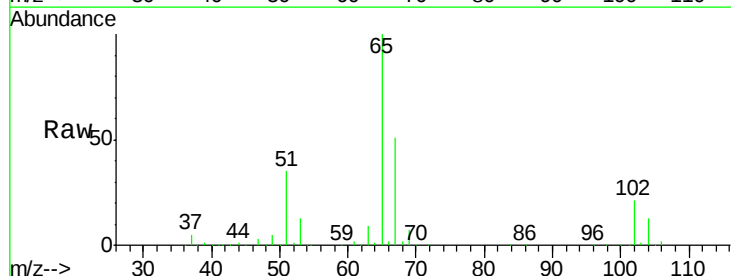
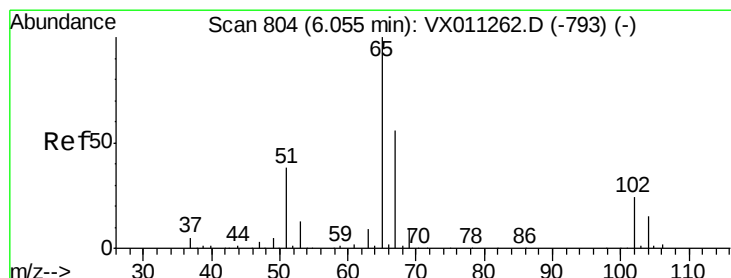
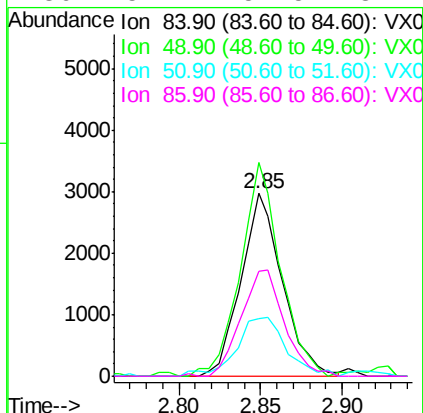




#20
Methylene Chloride
Concen: 2.492 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

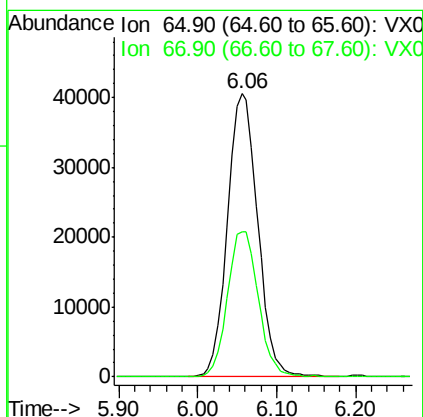
Instrument :
MSVOA_X
ClientSampled :
2S-11-(1)

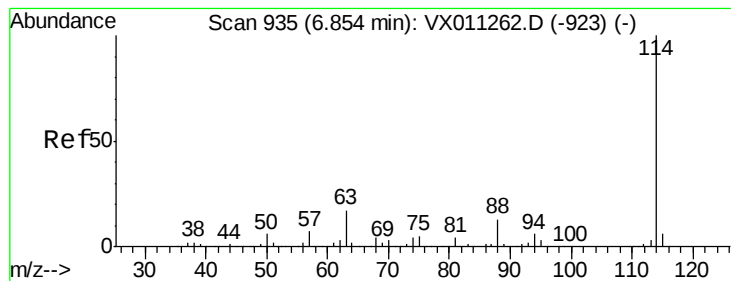
Tot Ion: 84 Resp: 5248
Ion Ratio Lower Upper
84 100
49 116.8 89.3 133.9
51 31.4 28.3 42.5
86 57.1 54.5 81.7



#33
1,2-Dichloroethane-d4
Concen: 53.594 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011438.D
Acq: 11 Aug 2019 17:49

Tgt Ion: 65 Resp: 108285
Ion Ratio Lower Upper
65 100
67 52.1 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: VX011438.D

Acq: 11 Aug 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

2S-11-1)

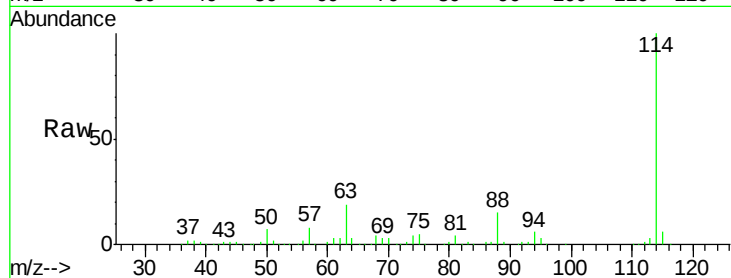
Tot Ion:114 Resp: 301148

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

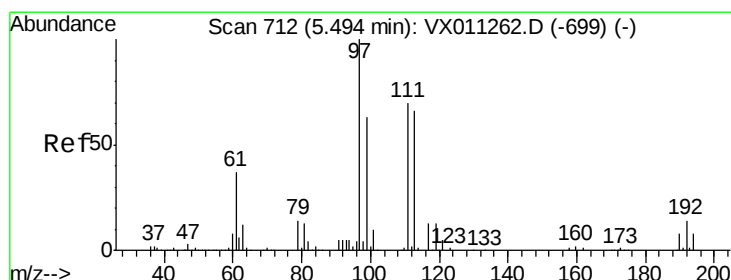
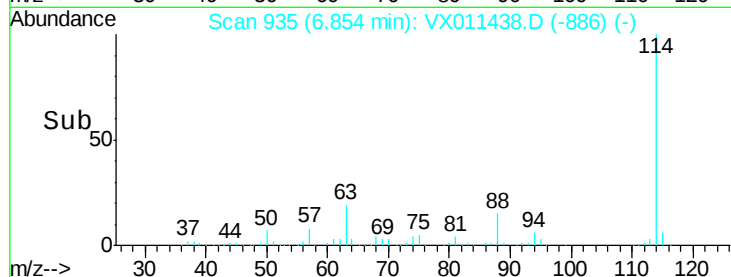
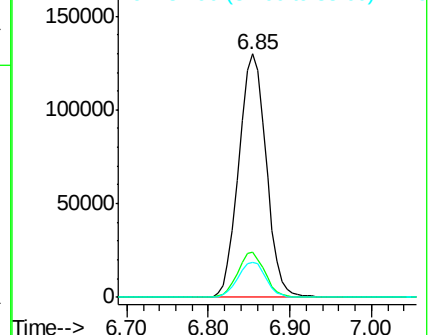
88 14.6 0.0 26.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.979 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011438.D

Acq: 11 Aug 2019 17:49

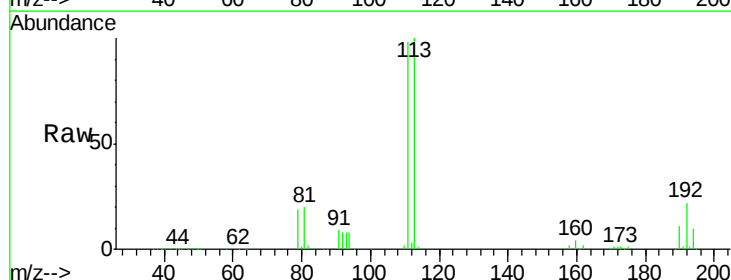
Tgt Ion:113 Resp: 92367

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

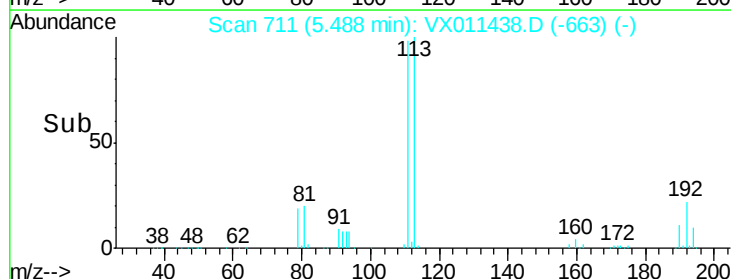
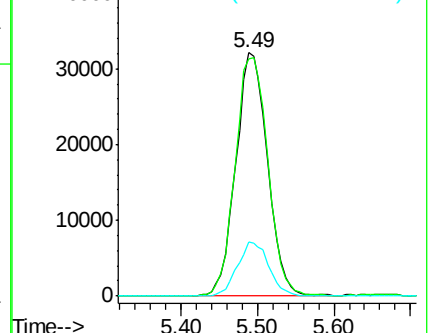
192 22.0 17.8 26.8

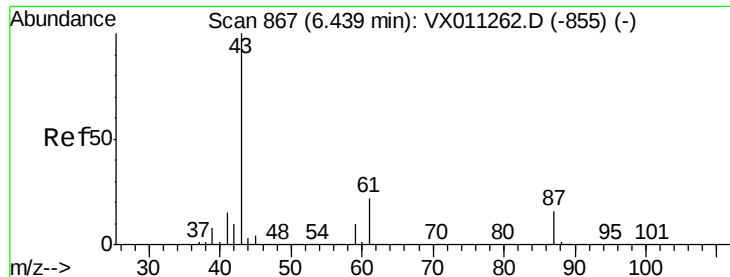


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.864 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011438.D

Acq: 11 Aug 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

2S-11-1)

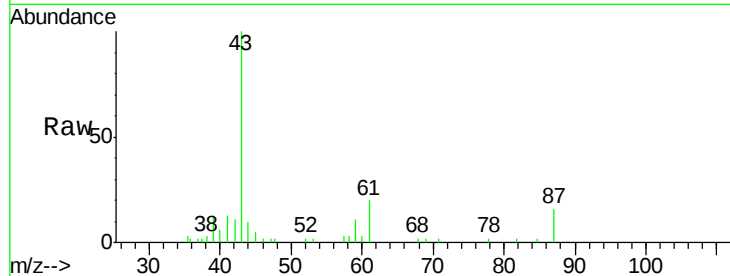
Tot Ion: 43 Resp: 7861

Ion Ratio Lower Upper

43 100

61 20.6 16.5 24.7

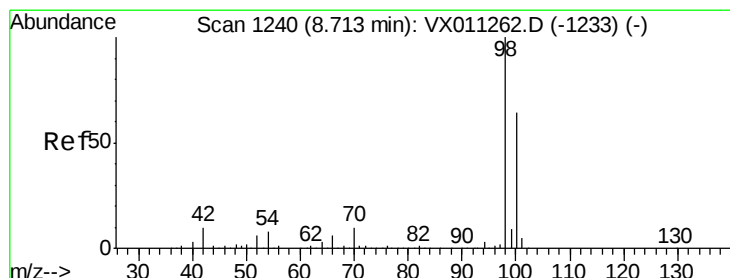
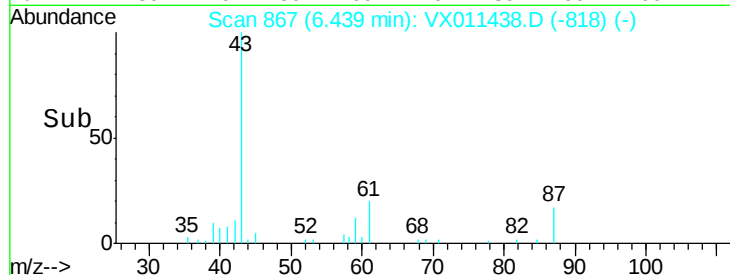
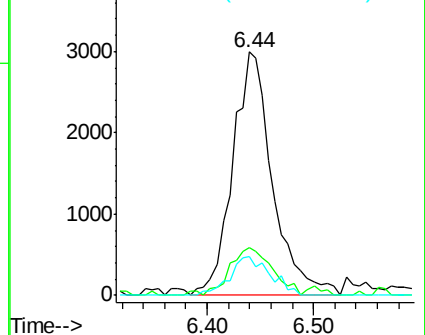
87 16.1 12.1 18.1



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: 48.860 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011438.D

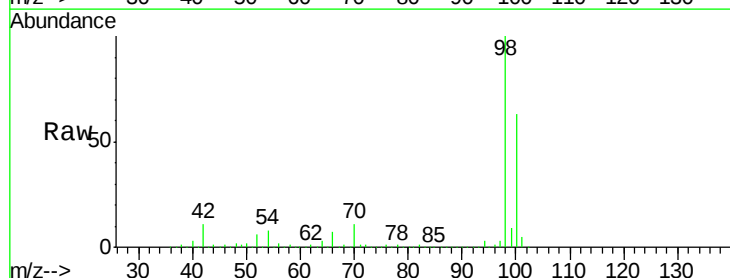
Acq: 11 Aug 2019 17:49

Tgt Ion: 98 Resp: 362616

Ion Ratio Lower Upper

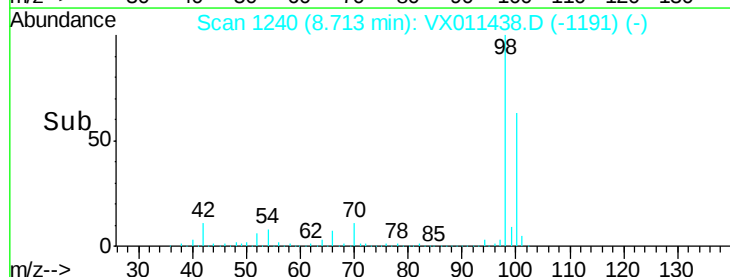
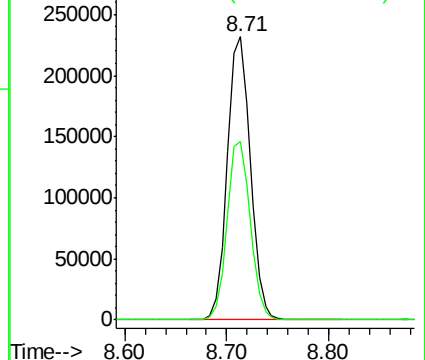
98 100

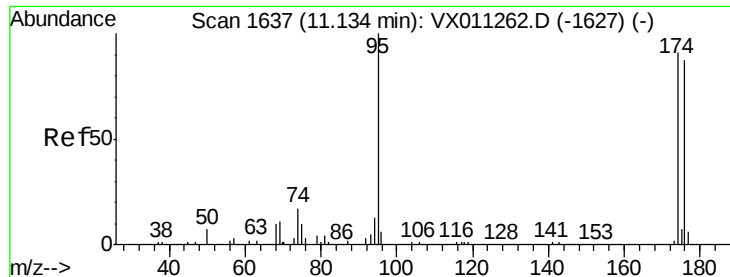
100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.225 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011438.D

Acq: 11 Aug 2019 17:49

Instrument :

MSVOA_X

ClientSampleId :

2S-11-(1)

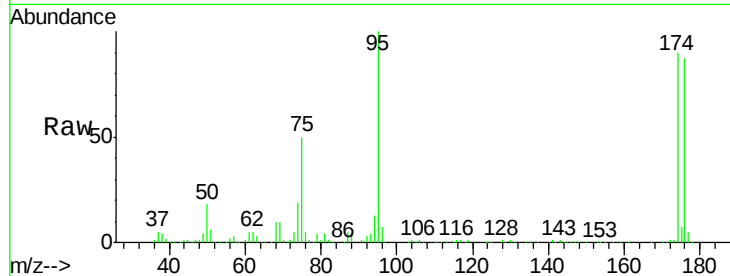
Tot Ion: 95 Resp: 117184

Ion Ratio Lower Upper

95 100

174 91.4 0.0 191.2

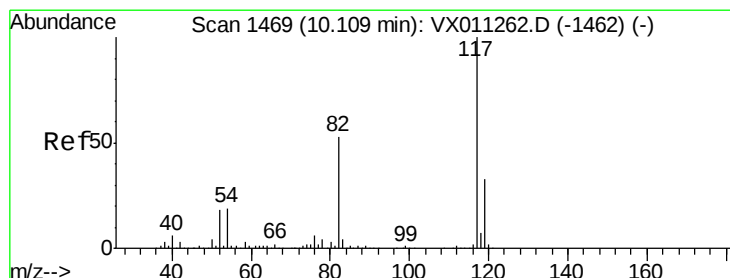
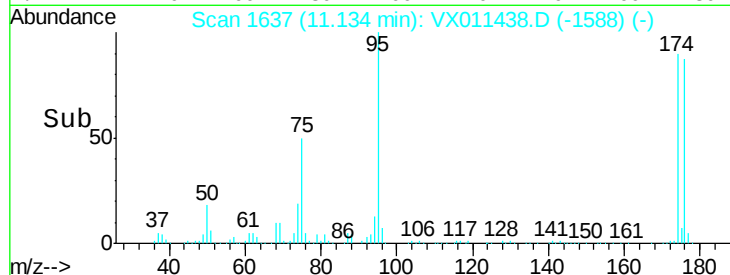
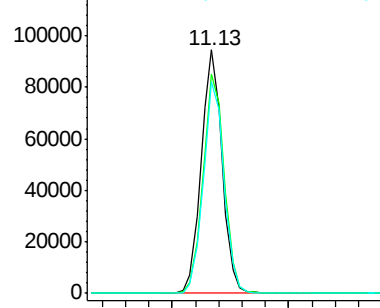
176 86.9 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011438.D

Acq: 11 Aug 2019 17:49

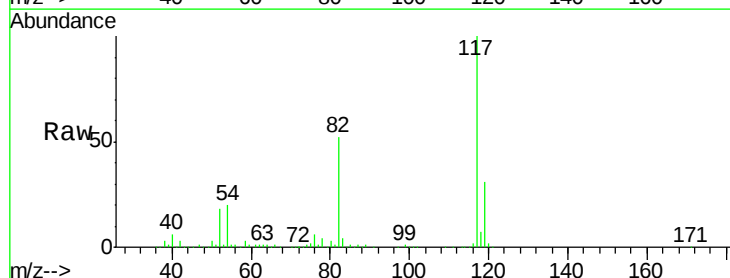
Tgt Ion: 117 Resp: 274430

Ion Ratio Lower Upper

117 100

82 52.1 42.2 63.2

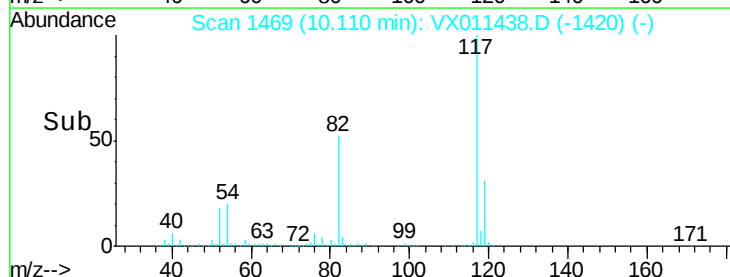
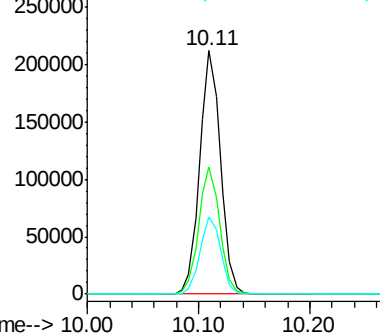
119 31.5 26.6 39.8

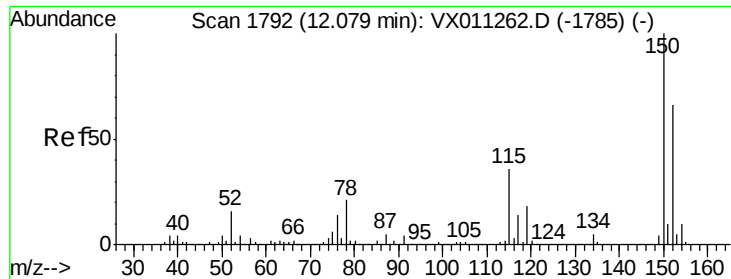


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011438.D
 Acq: 11 Aug 2019 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-11-(1)

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	40.0	119.9
150	157.9	0.0	350.4

