

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011432.D
 Acq On : 11 Aug 2019 15:29
 Operator : JC/SP
 Sample : K4228-30
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-F3-(1)

Quant Time: Aug 12 08:39:57 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

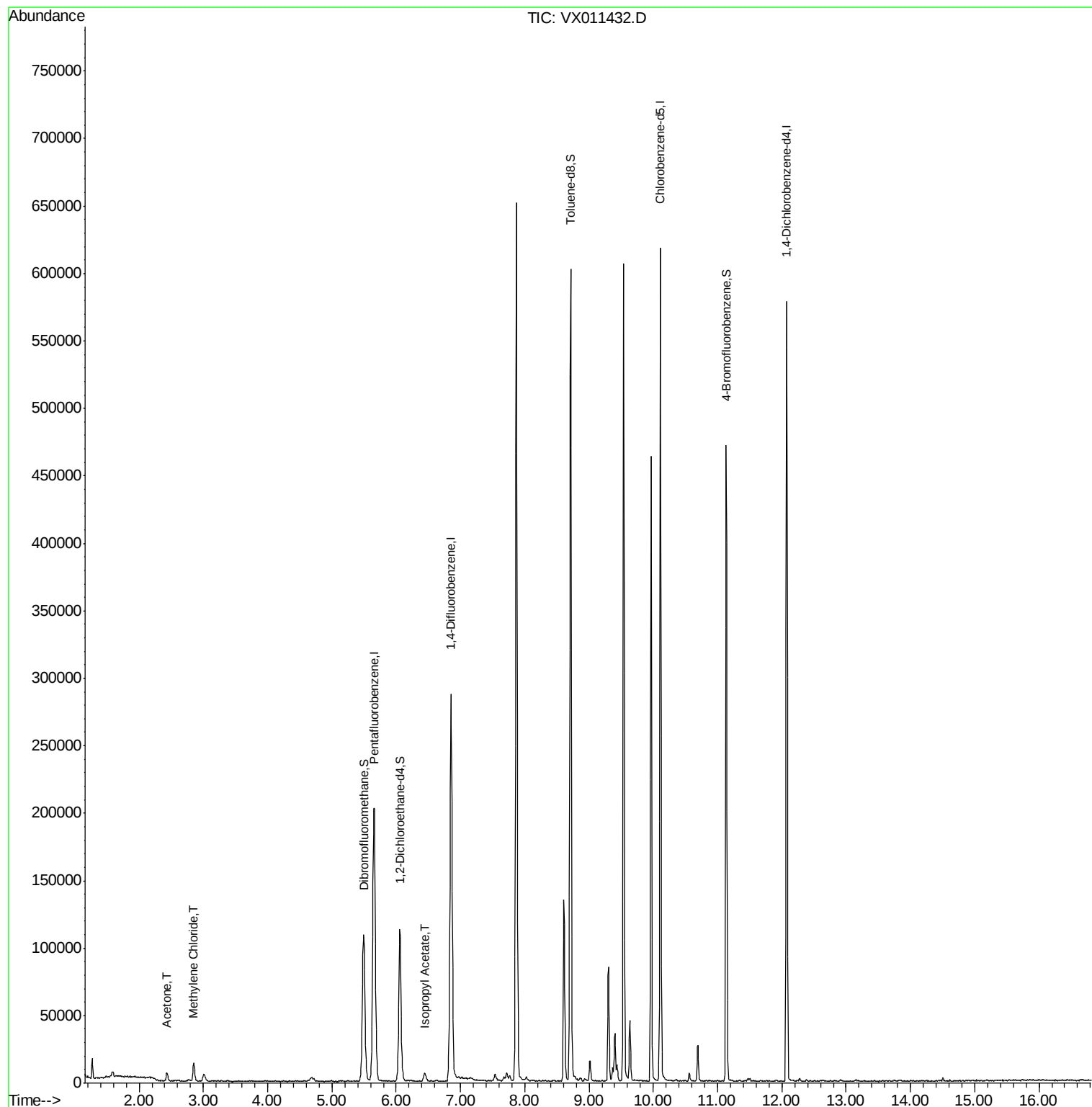
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	202405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106204	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
35) Dibromofluoromethane	5.49	113	91219	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	8.71	98	356500	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.13	95	116864	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
16) Acetone	2.43	43	7119	7.338	ug/l	97
20) Methylene Chloride	2.85	84	6305	2.967	ug/l	97
43) Isopropyl Acetate	6.45	43	8634	2.078	ug/l	99

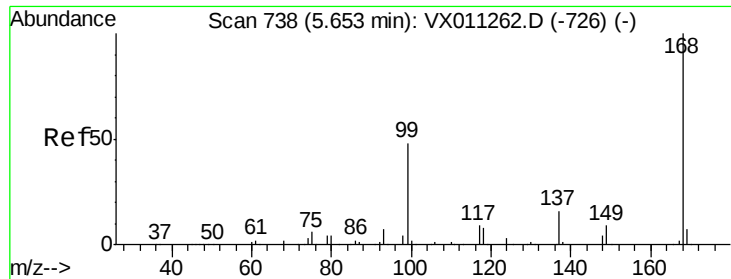
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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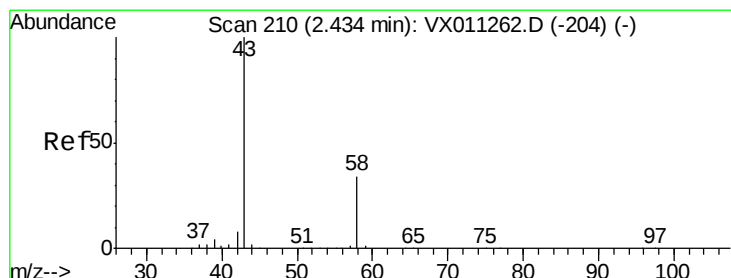
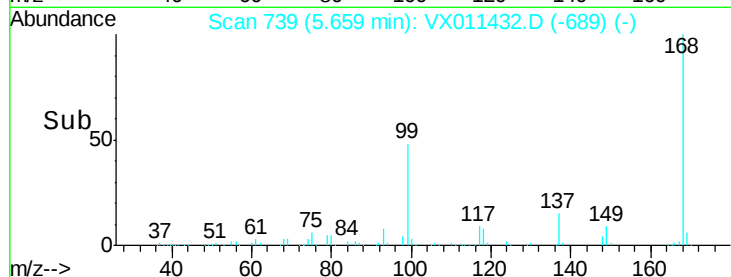
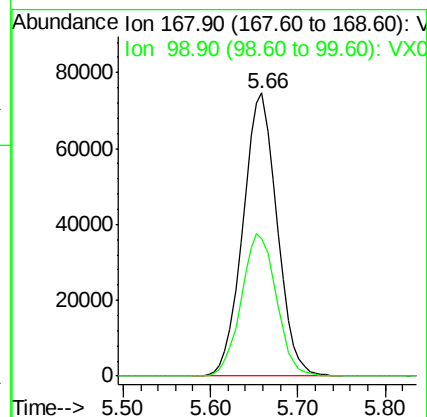
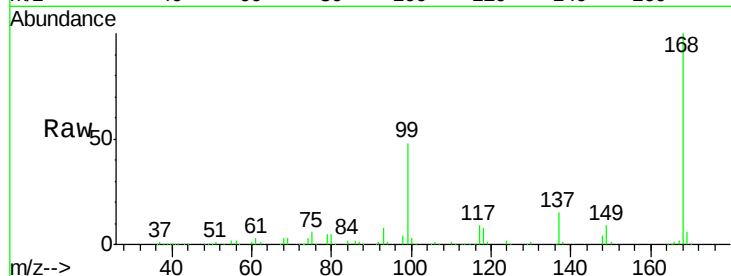




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011432.D
Acq: 11 Aug 2019 15:29

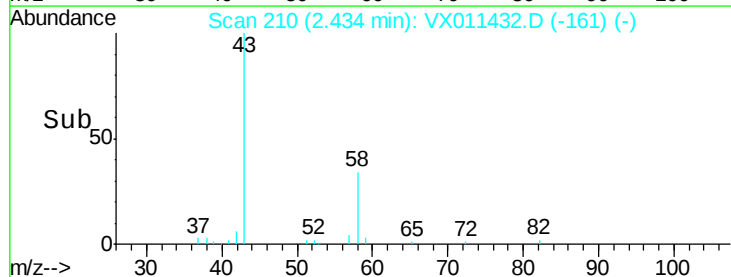
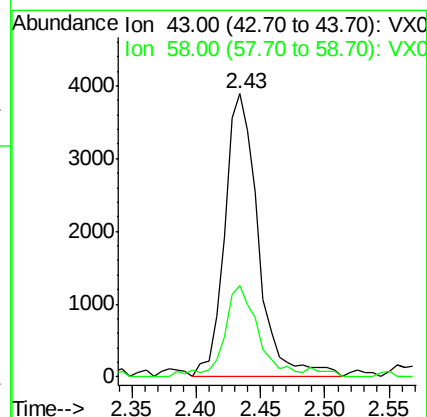
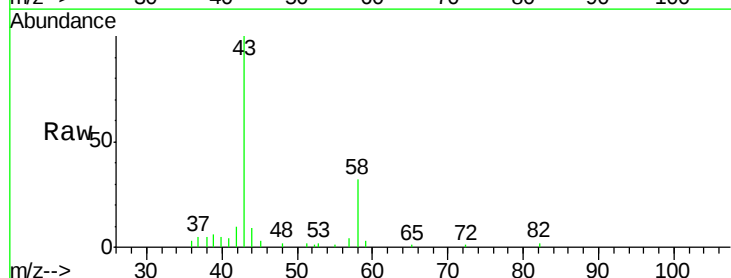
Instrument :
MSVOA_X
ClientSampleId :
2S-F3-(1)

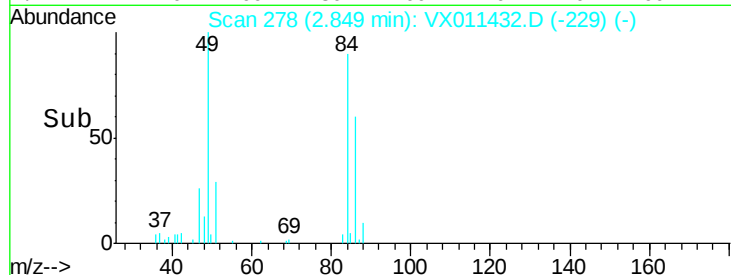
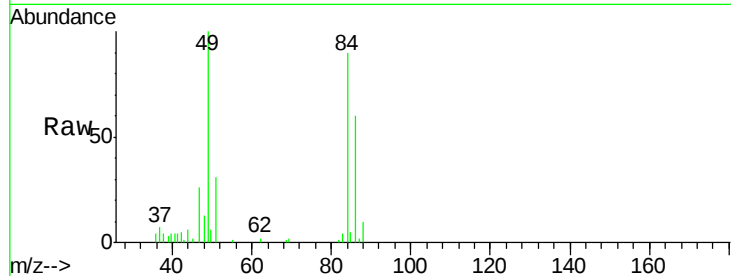
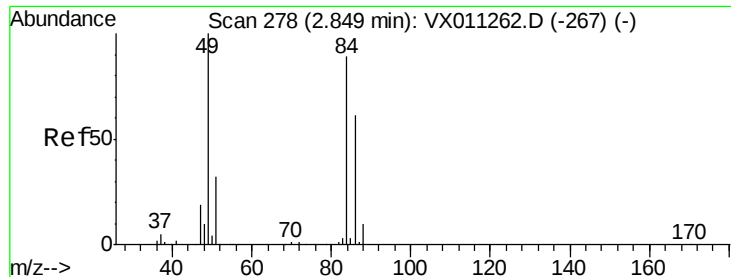
Tot Ion:168 Resp: 202405
Ion Ratio Lower Upper
168 100
99 48.4 38.5 57.7



#16
Acetone
Concen: 7.338 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011432.D
Acq: 11 Aug 2019 15:29

Tgt Ion: 43 Resp: 7119
Ion Ratio Lower Upper
43 100
58 32.5 27.4 41.0

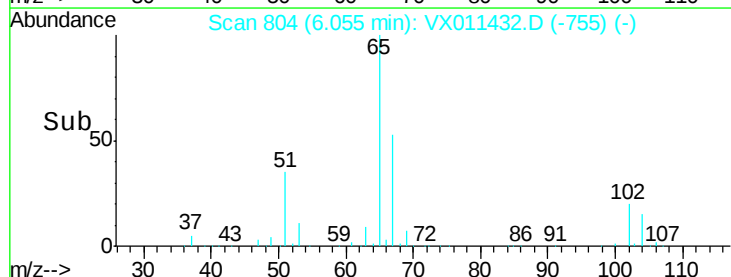
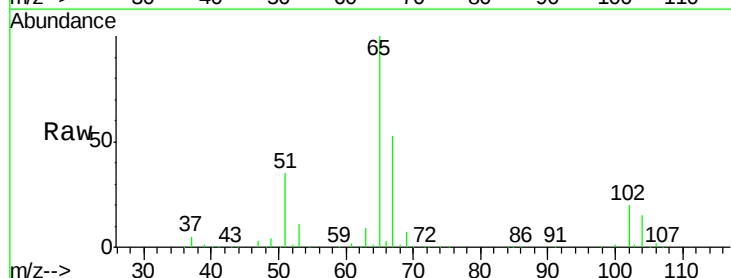
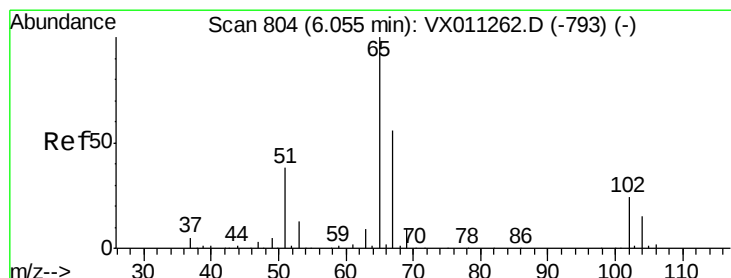
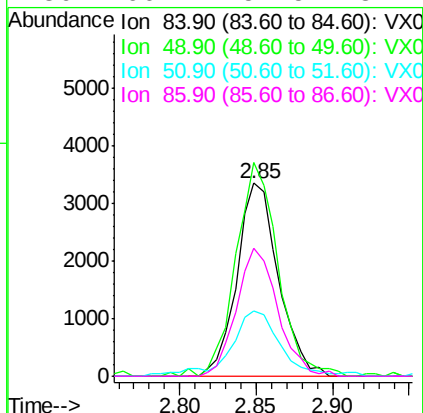




#20
Methvlene Chloride
Concen: 2.967 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011432.D
Acq: 11 Aug 2019 15:29

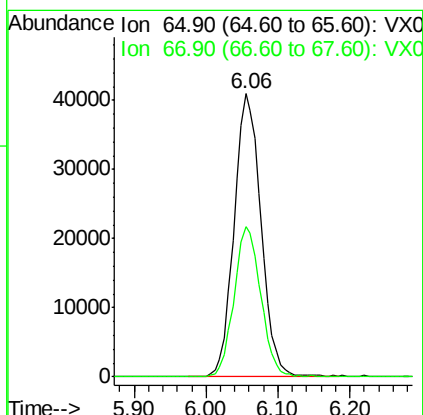
Instrument :
MSVOA_X
ClientSampleId :
2S-F3-(1)

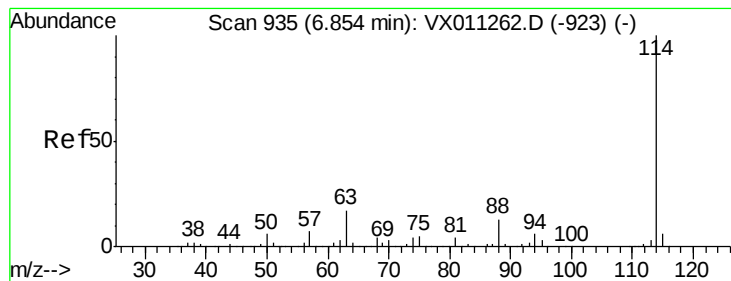
Tot Ion:	84	Resp:	6305
Ion	Ratio	Lower	Upper
84	100		
49	108.3	89.3	133.9
51	32.3	28.3	42.5
86	66.1	54.5	81.7



#33
1,2-Dichloroethane-d4
Concen: 52.104 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011432.D
Acq: 11 Aug 2019 15:29

Tgt Ion:	65	Resp:	106204
Ion	Ratio	Lower	Upper
65	100		
67	52.7	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: VX011432.D

Acq: 11 Aug 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

2S-F3-(1)

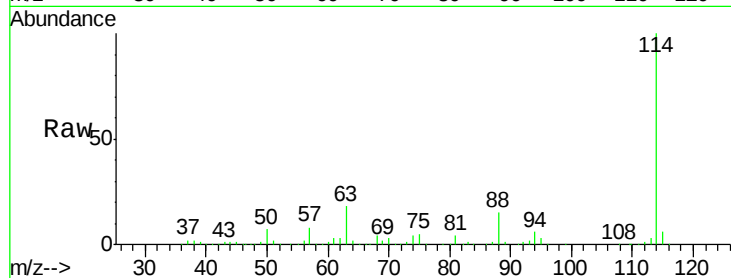
Tot Ion:114 Resp: 296758

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.0

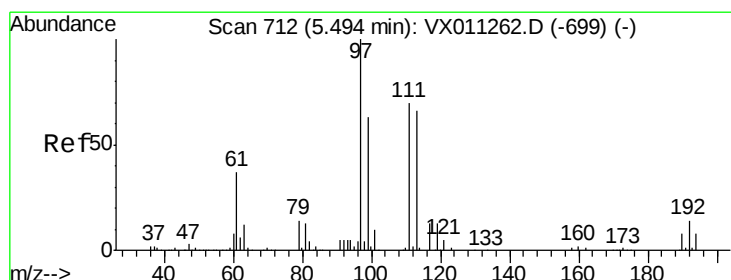
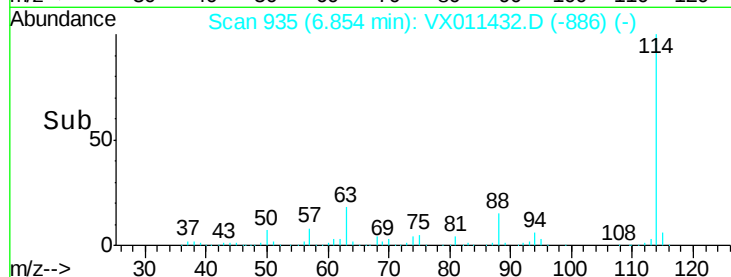
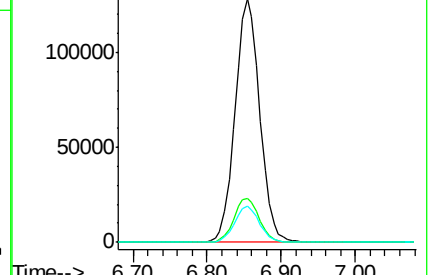
88 14.8 0.0 26.4



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: 47.082 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011432.D

Acq: 11 Aug 2019 15:29

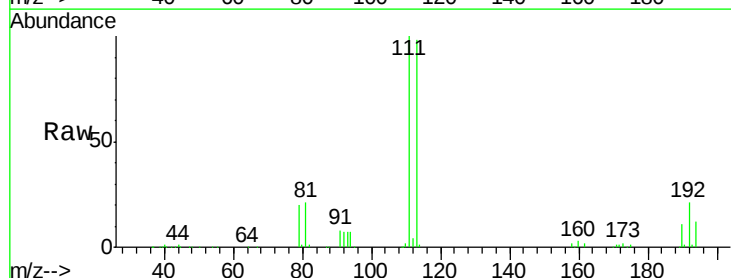
Tgt Ion:113 Resp: 91219

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

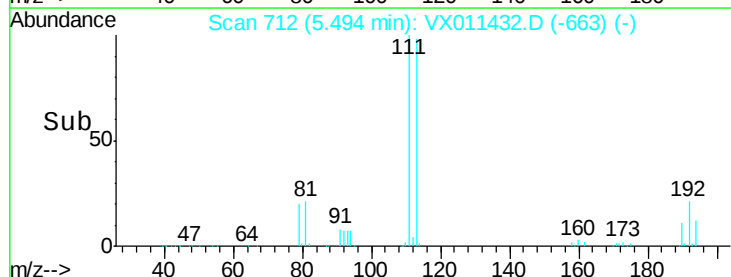
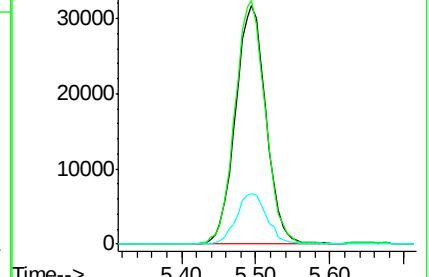
192 21.3 17.8 26.8

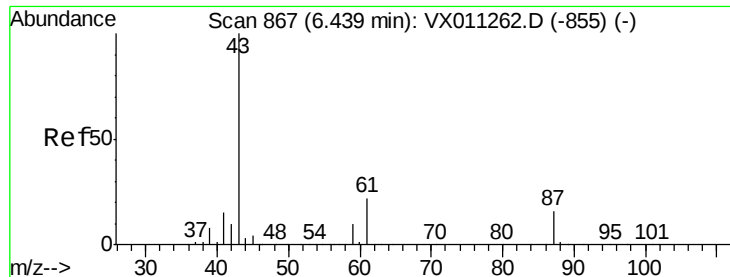


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.078 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011432.D

Acq: 11 Aug 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

2S-F3-(1)

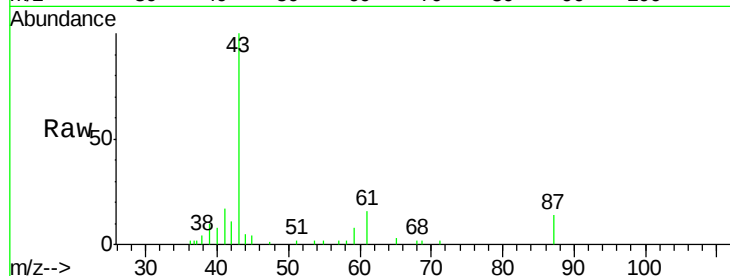
Tot Ion: 43 Resp: 8634

Ion Ratio Lower Upper

43 100

61 21.6 16.5 24.7

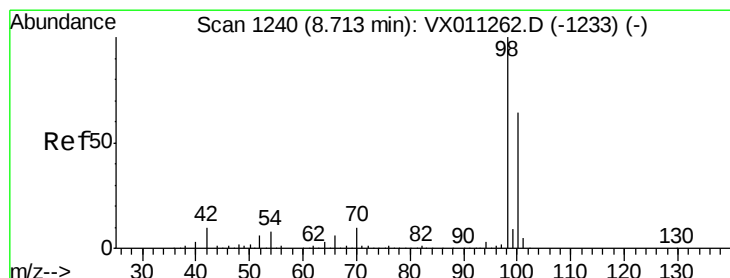
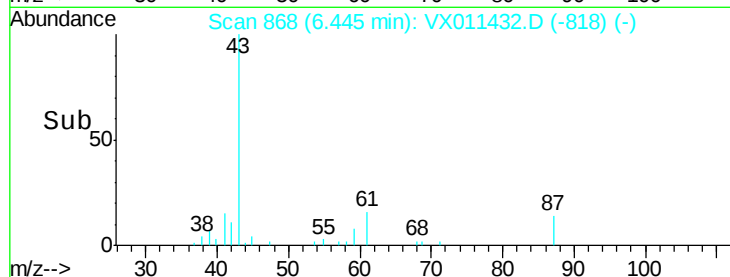
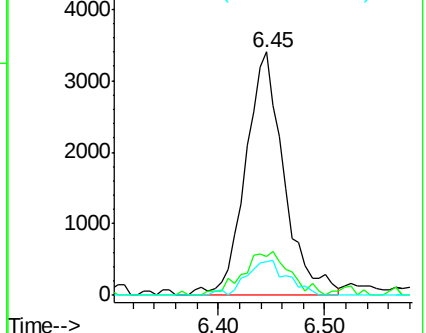
87 15.2 12.1 18.1



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: 48.746 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011432.D

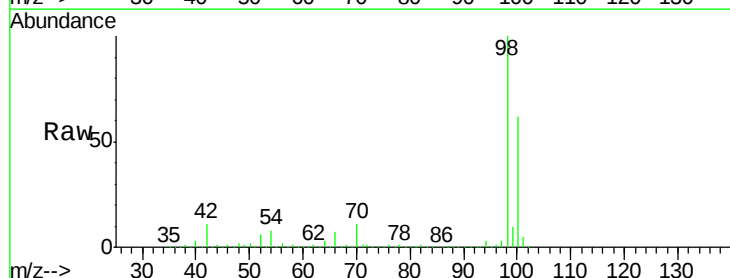
Acq: 11 Aug 2019 15:29

Tgt Ion: 98 Resp: 356500

Ion Ratio Lower Upper

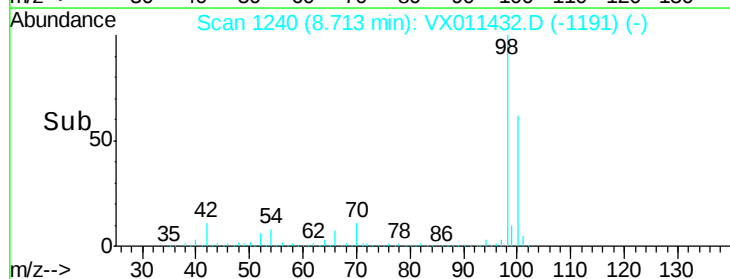
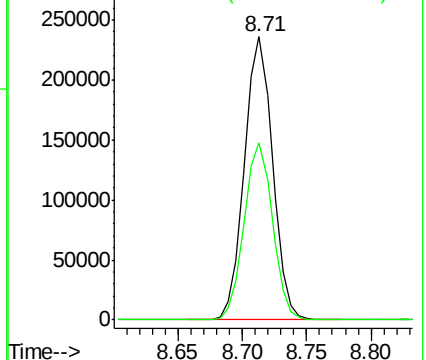
98 100

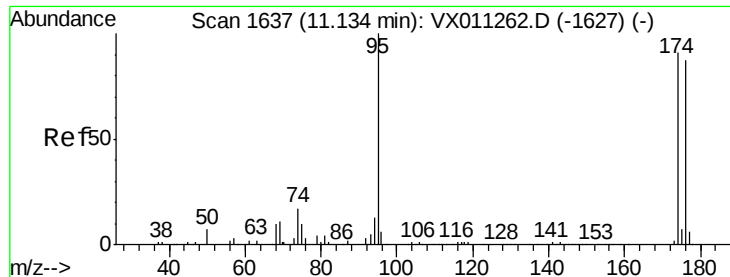
100 63.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

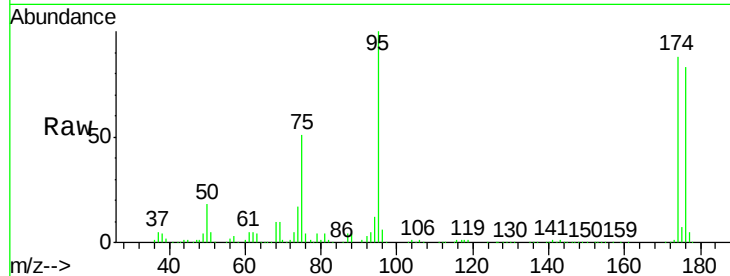




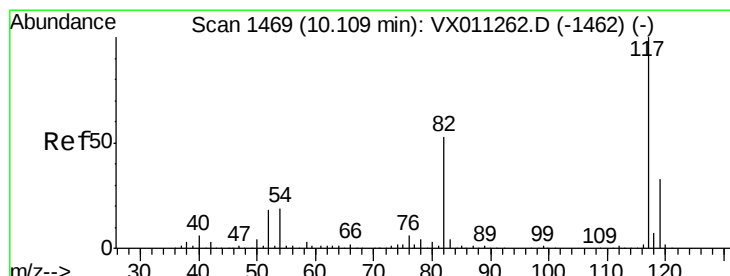
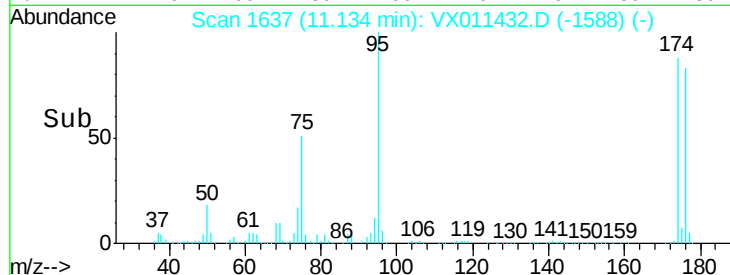
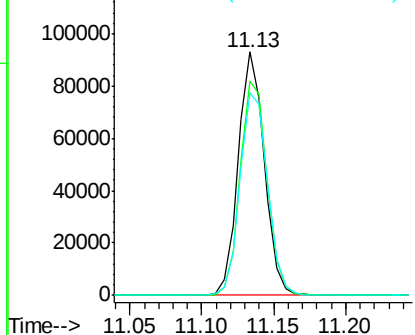
#62
4-Bromofluorobenzene
Concen: 44.757 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011432.D
Acq: 11 Aug 2019 15:29

Instrument :
MSVOA_X
ClientSampleId :
2S-F3-(1)

Tot Ion: 95 Resp: 116864
Ion Ratio Lower Upper
95 100
174 91.1 0.0 191.2
176 87.7 0.0 184.8

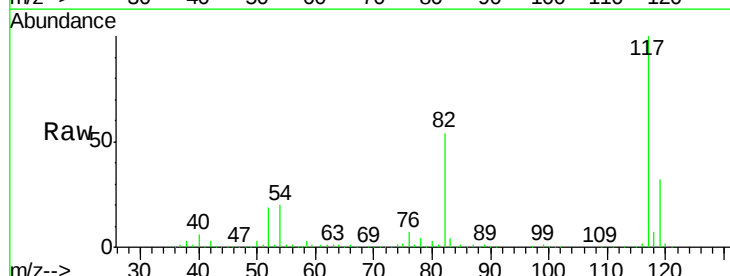


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

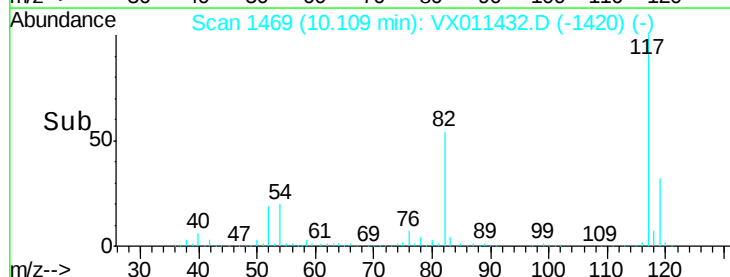
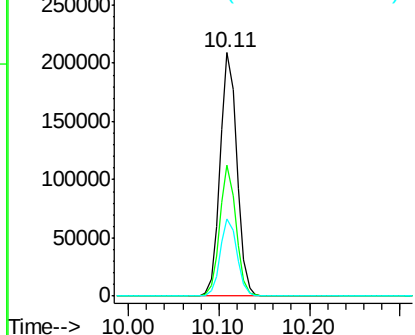


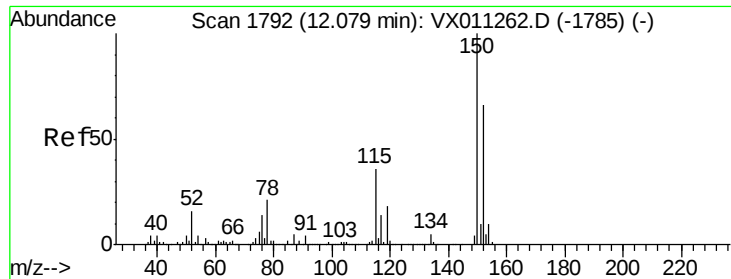
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011432.D
Acq: 11 Aug 2019 15:29

Tgt Ion: 117 Resp: 272138
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.2
119 31.7 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: VX011432.D

Acq: 11 Aug 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

2S-F3-(1)

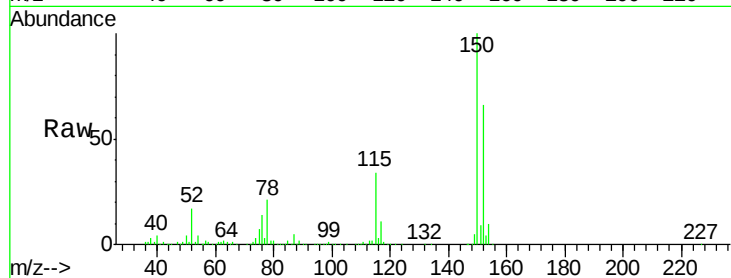
Tot Ion:152 Resp: 124203

Ion Ratio Lower Upper

152 100

115 54.9 40.0 119.9

150 155.3 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

