

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011427.D
 Acq On : 11 Aug 2019 13:32
 Operator : JC/SP
 Sample : K4228-23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-F1-(0)

Quant Time: Aug 12 08:23:26 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

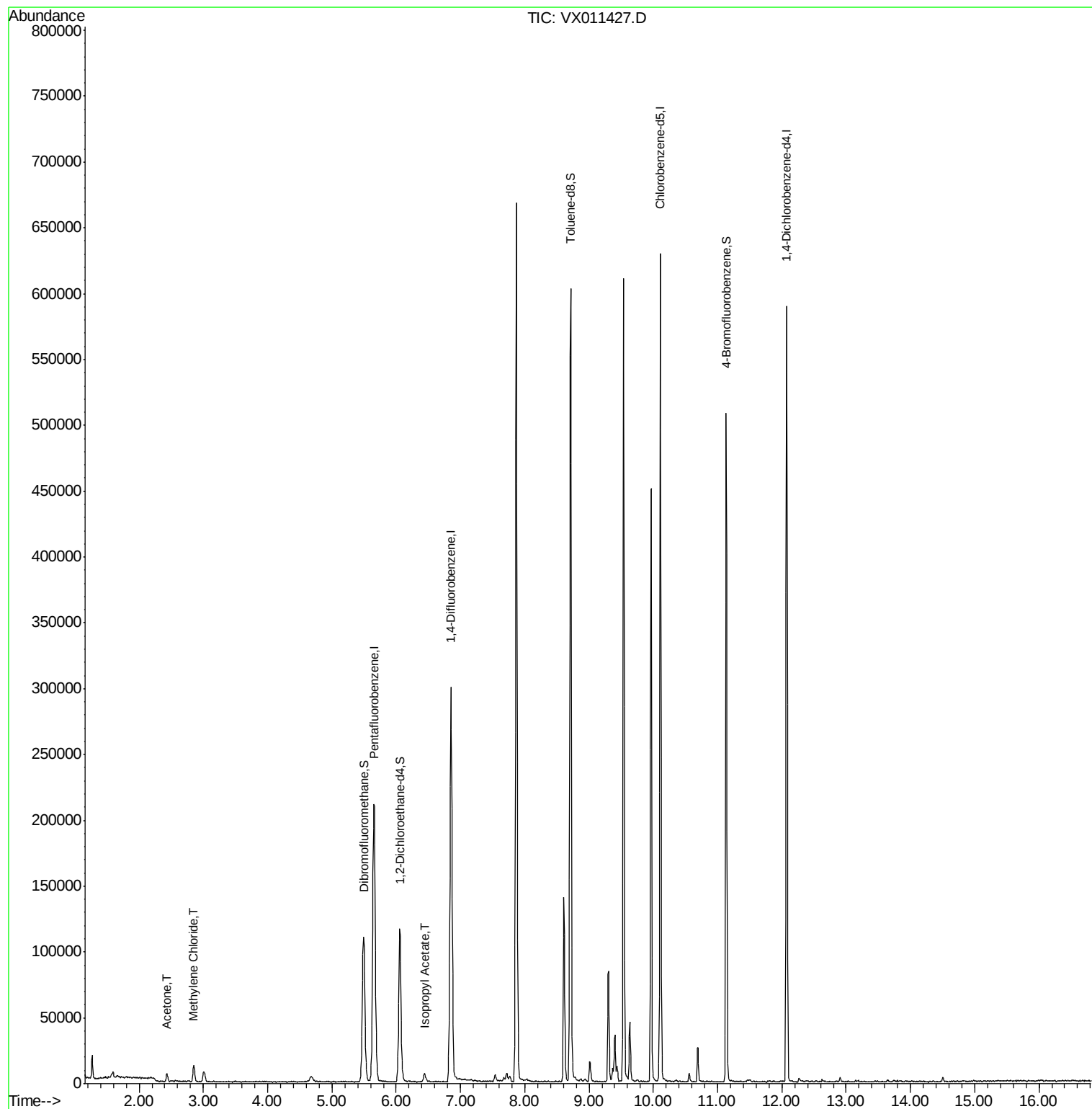
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	210326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109180	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
35) Dibromofluoromethane	5.49	113	93351	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	8.71	98	363302	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.13	95	121700	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
Target Compounds						
16) Acetone	2.43	43	6032	5.983	ug/l	97
20) Methylene Chloride	2.85	84	5956	2.698	ug/l	97
43) Isopropyl Acetate	6.43	43	8197	1.908	ug/l	99

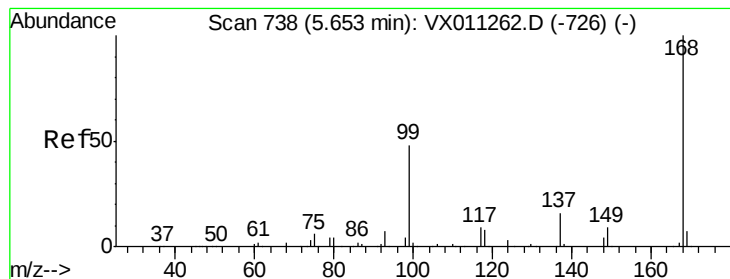
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX011427.D

Acq: 11 Aug 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

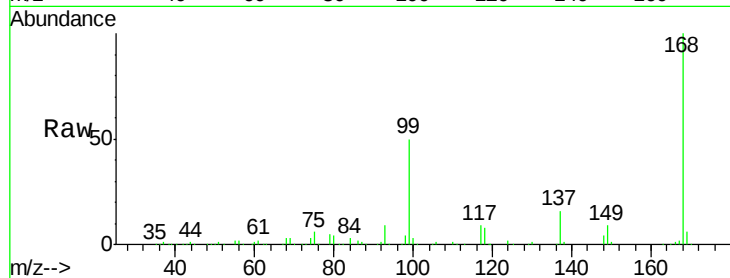
2S-F1-(0)

Tot Ion:168 Resp: 210326

Ion Ratio Lower Upper

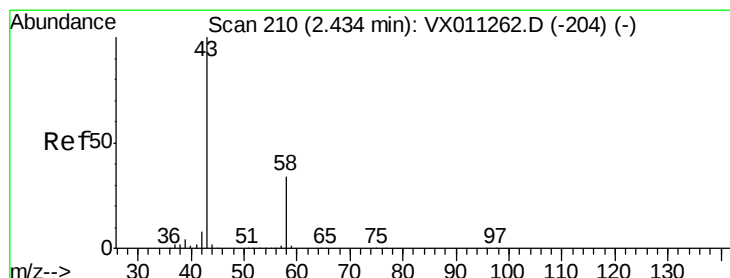
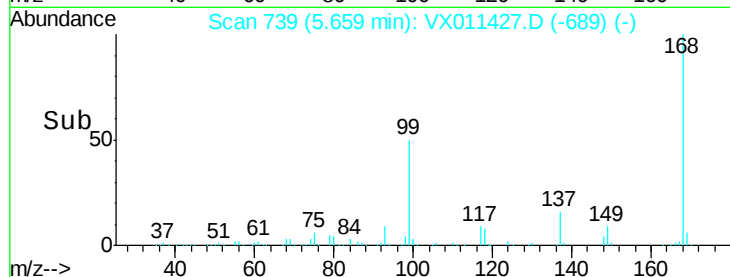
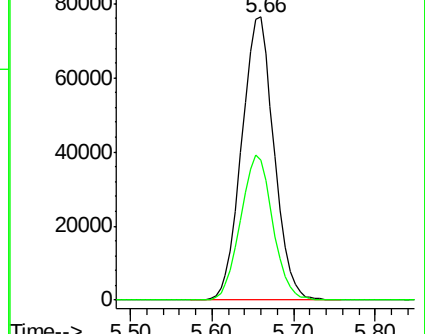
168 100

99 49.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.983 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011427.D

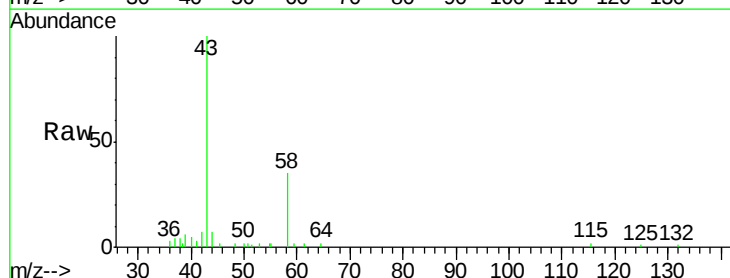
Acq: 11 Aug 2019 13:32

Tgt Ion: 43 Resp: 6032

Ion Ratio Lower Upper

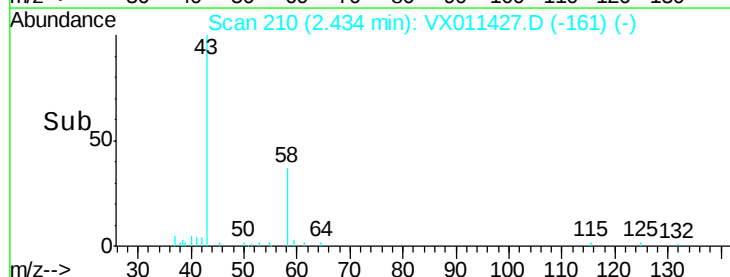
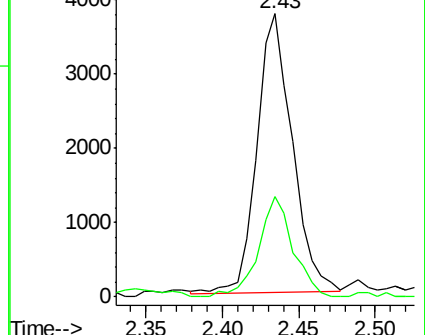
43 100

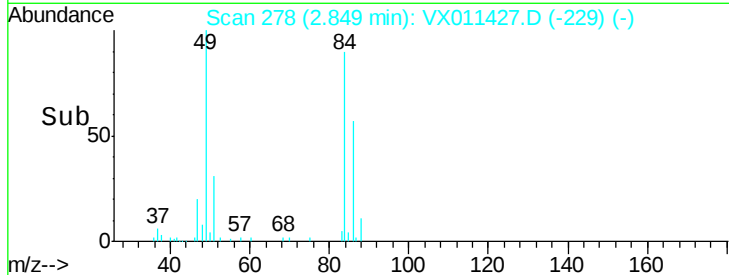
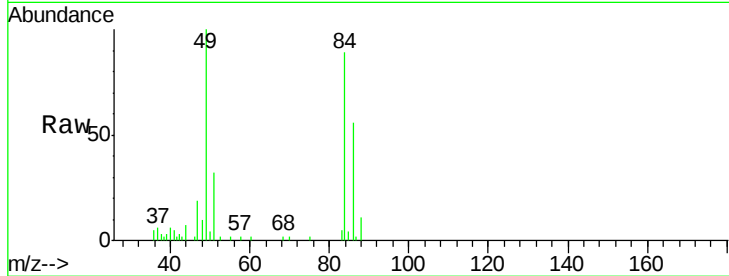
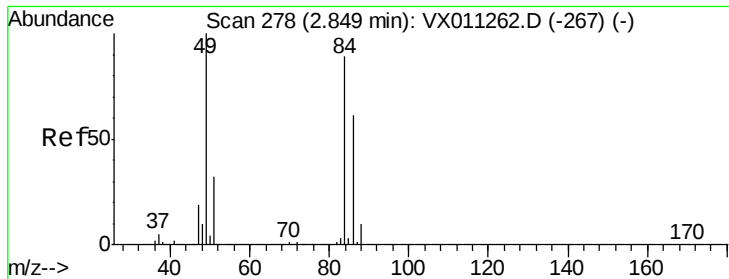
58 36.1 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

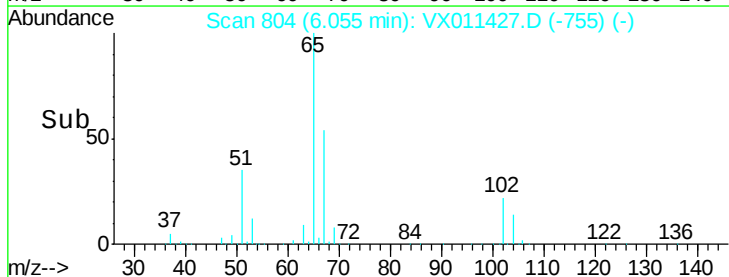
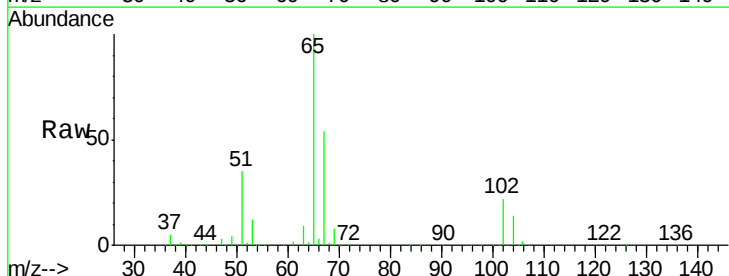
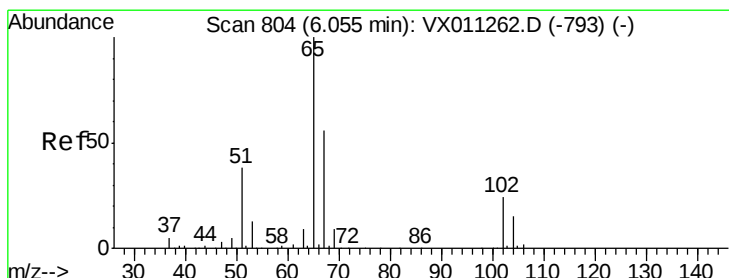
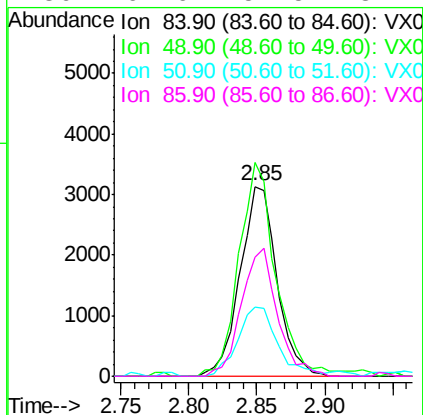




#20
Methylene Chloride
Concen: 2.698 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011427.D
Acq: 11 Aug 2019 13:32

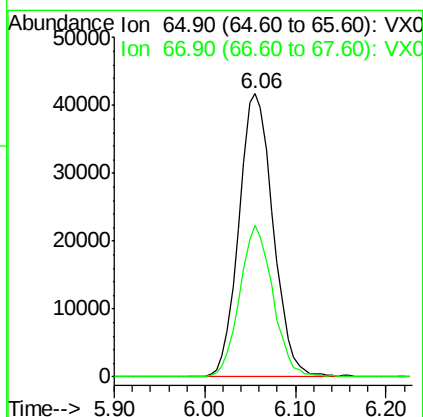
Instrument :
MSVOA_X
ClientSampleId :
2S-F1-(0)

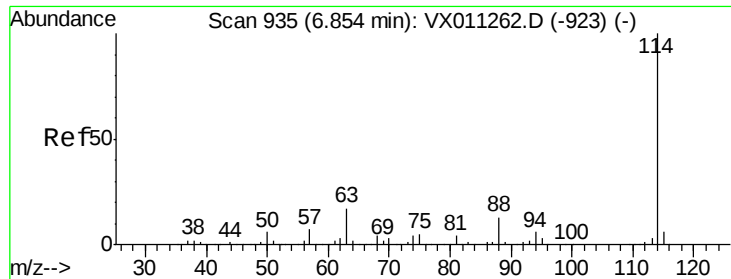
Tot Ion: 84 Resp: 5956
Ion Ratio Lower Upper
84 100
49 112.5 89.3 133.9
51 36.5 28.3 42.5
86 62.6 54.5 81.7



#33
1,2-Dichloroethane-d4
Concen: 51.546 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011427.D
Acq: 11 Aug 2019 13:32

Tgt Ion: 65 Resp: 109180
Ion Ratio Lower Upper
65 100
67 51.8 0.0 110.6

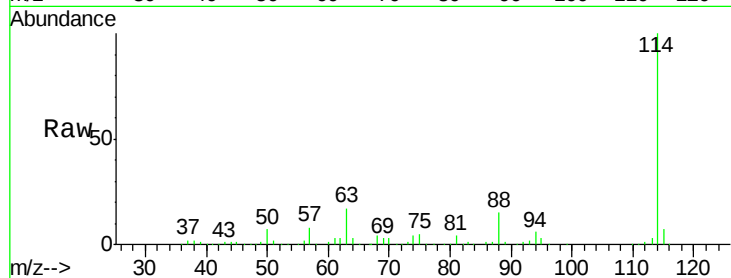




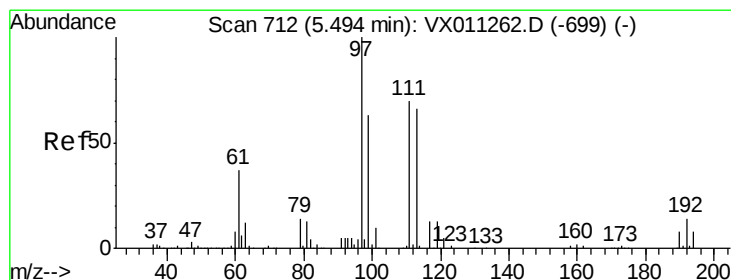
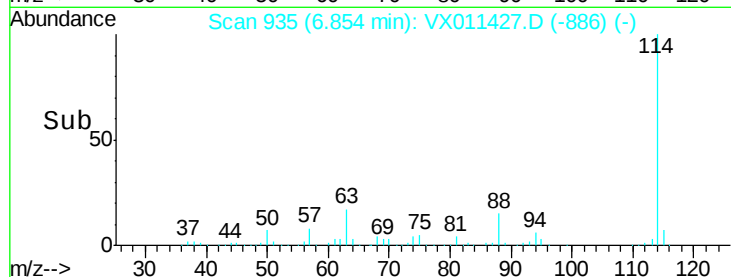
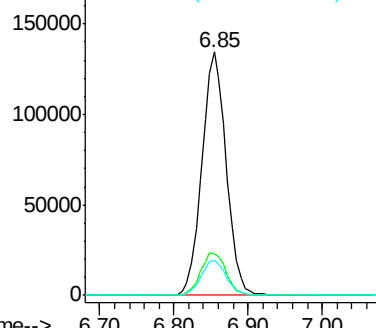
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011427.D
Acq: 11 Aug 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
2S-F1-(0)

Tot Ion:114 Resp: 306808
Ion Ratio Lower Upper
114 100
63 17.2 0.0 34.0
88 14.6 0.0 26.4

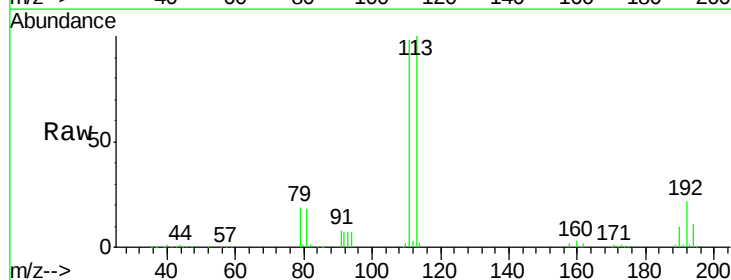


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

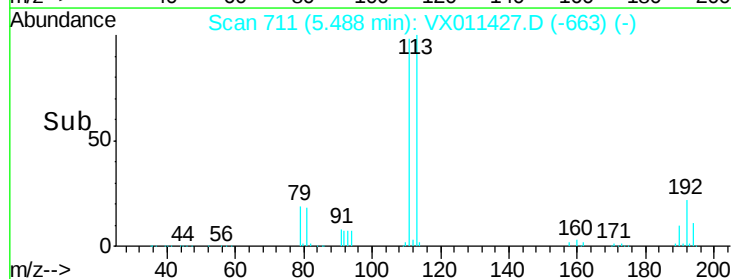
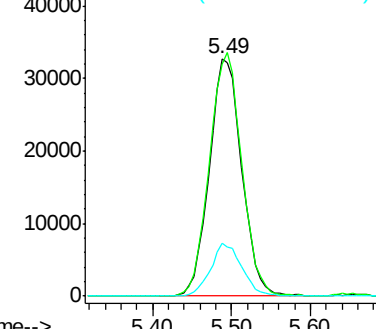


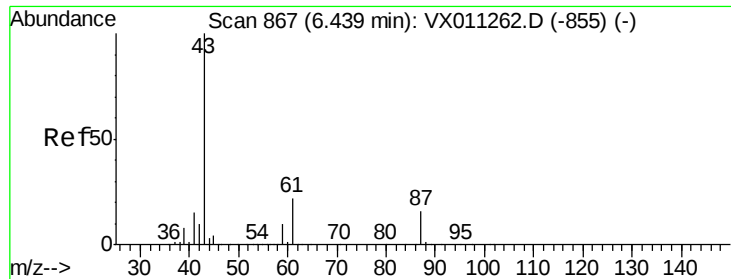
#35
Dibromofluoromethane
Concen: 46.604 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011427.D
Acq: 11 Aug 2019 13:32

Tgt Ion:113 Resp: 93351
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 21.5 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: 1.908 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011427.D

Acq: 11 Aug 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

2S-F1-(0)

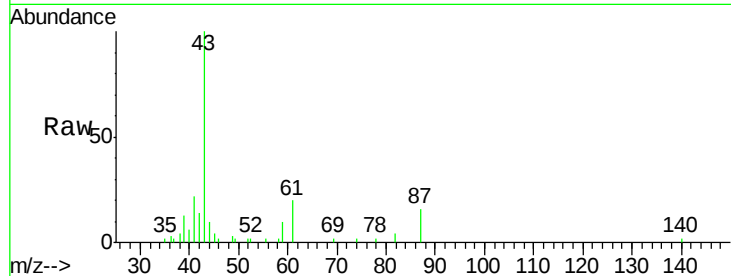
Tot Ion: 43 Resp: 8197

Ion Ratio Lower Upper

43 100

61 20.9 16.5 24.7

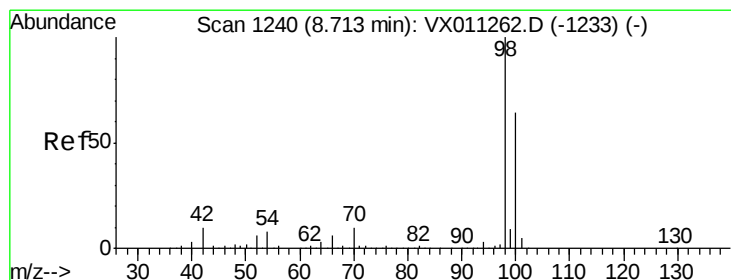
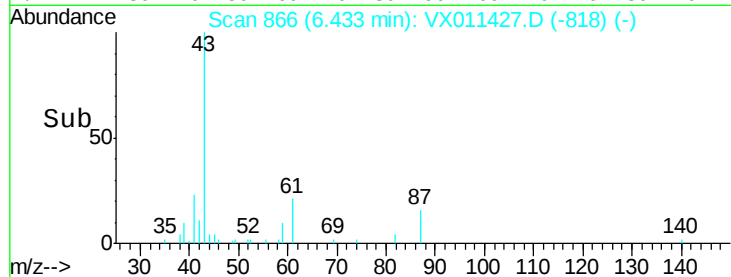
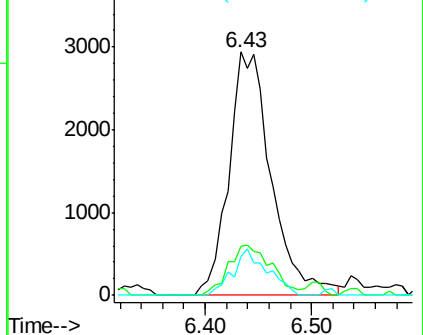
87 15.6 12.1 18.1



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: 48.049 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011427.D

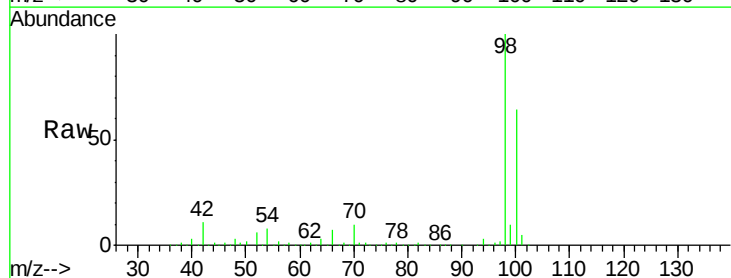
Acq: 11 Aug 2019 13:32

Tgt Ion: 98 Resp: 363302

Ion Ratio Lower Upper

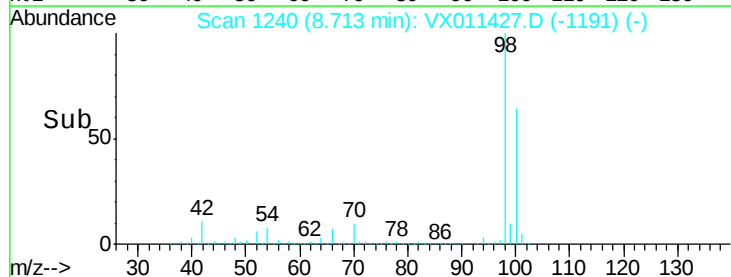
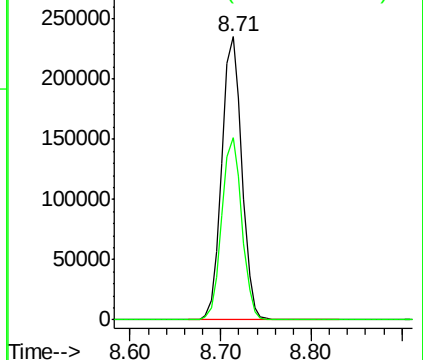
98 100

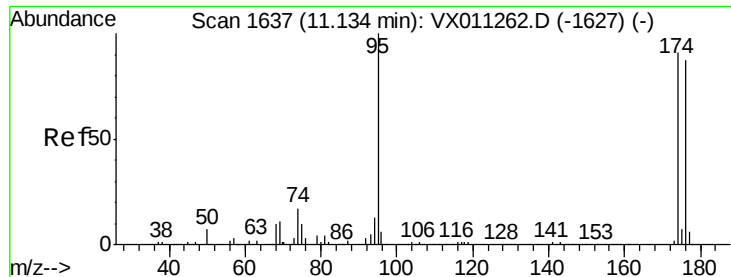
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

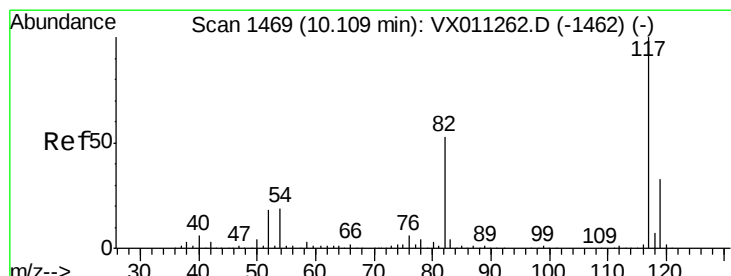
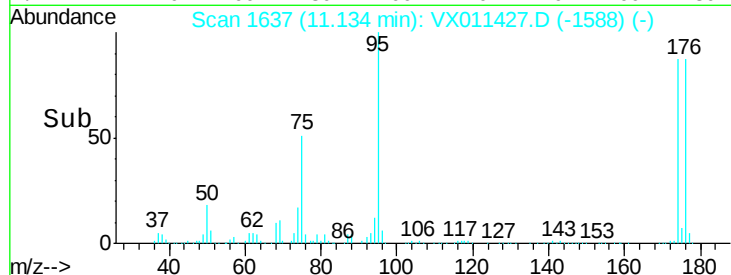
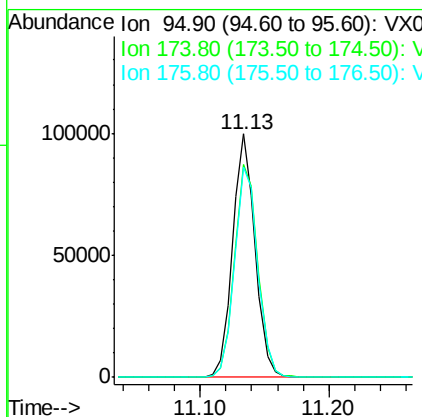
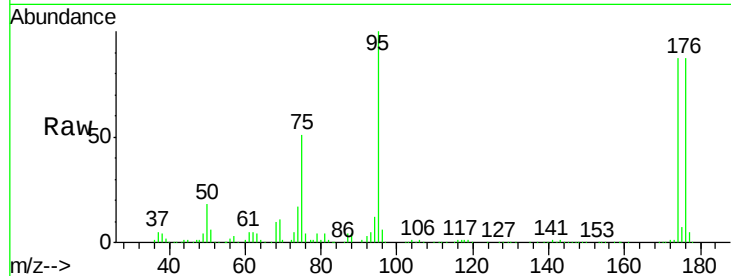




#62
4-Bromofluorobenzene
Concen: 45.082 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011427.D
Acq: 11 Aug 2019 13:32

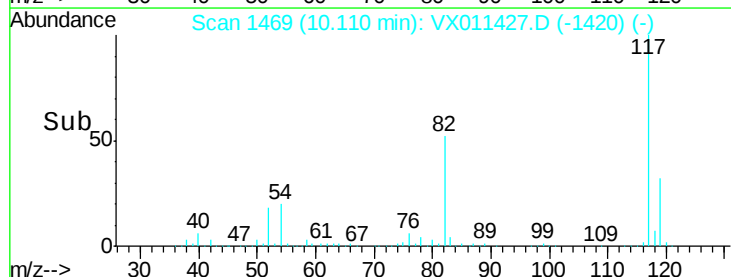
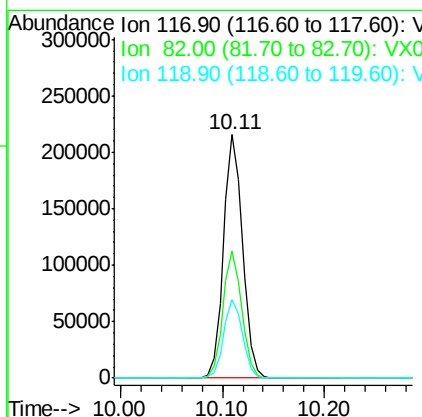
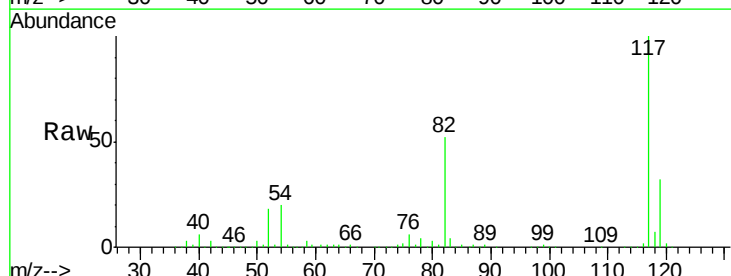
Instrument :
MSVOA_X
ClientSampleId :
2S-F1-(0)

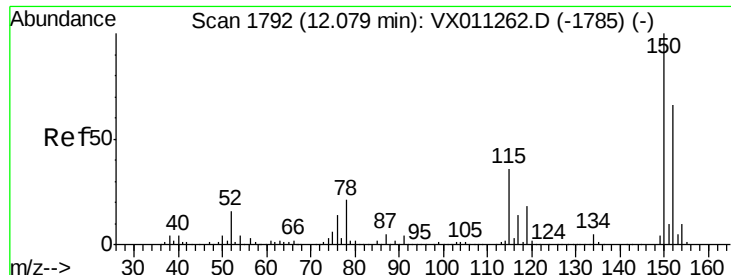
Tot Ion: 95 Resp: 121700
Ion Ratio Lower Upper
95 100
174 90.9 0.0 191.2
176 88.8 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011427.D
Acq: 11 Aug 2019 13:32

Tgt Ion: 117 Resp: 280170
Ion Ratio Lower Upper
117 100
82 52.0 42.2 63.2
119 32.1 26.6 39.8

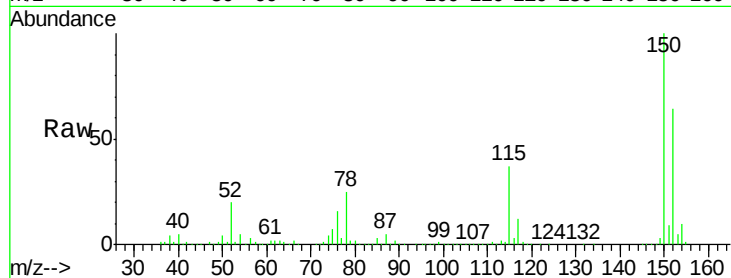




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011427.D
 Acq: 11 Aug 2019 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-F1-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.8	40.0	119.9
150	157.0	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

