

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011466.D
 Acq On : 12 Aug 2019 05:51
 Operator : JC/SP
 Sample : K4230-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-A3-(1)

Quant Time: Aug 12 09:26:37 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

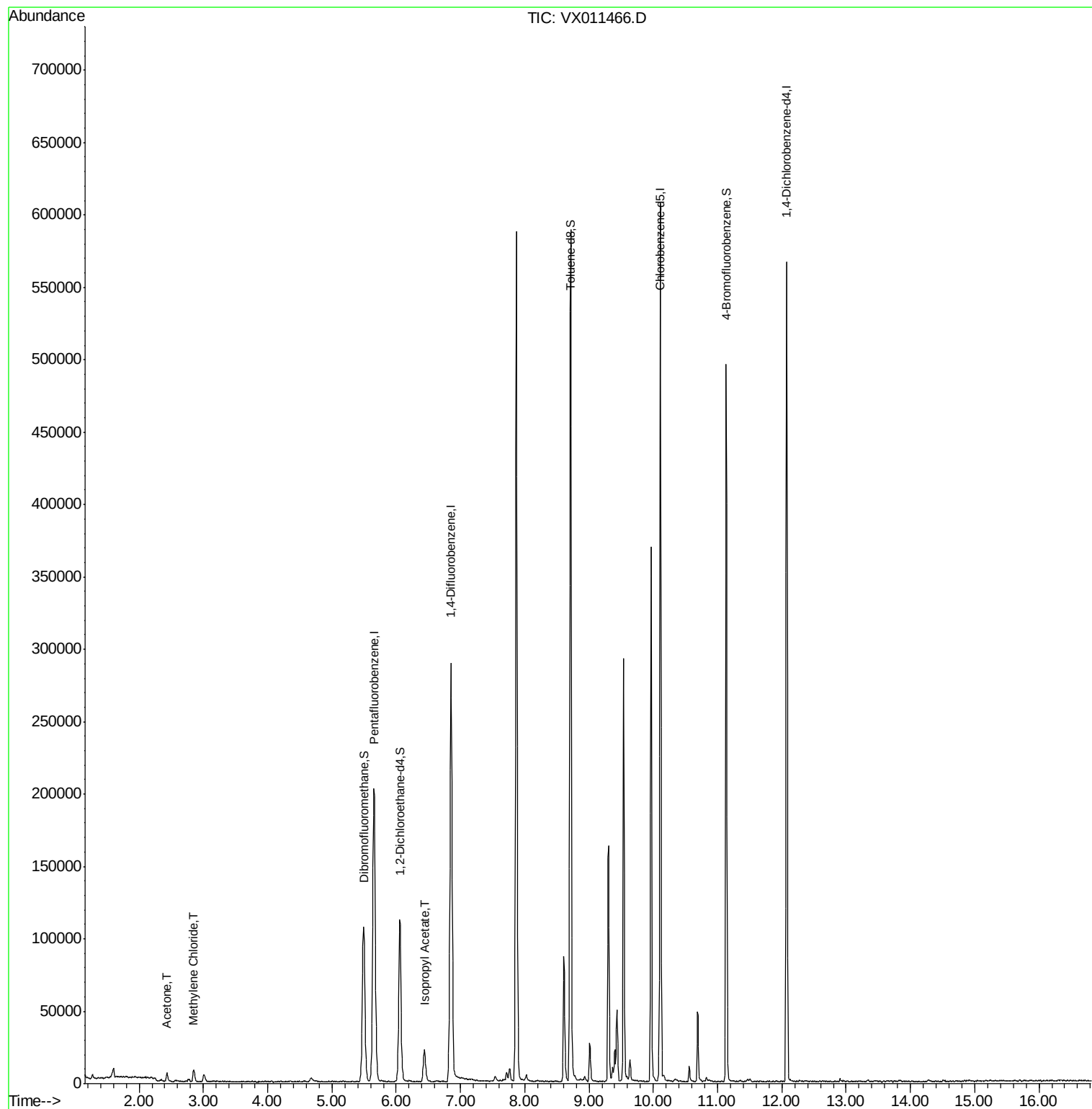
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	197189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106793	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
35) Dibromofluoromethane	5.49	113	90439	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	8.71	98	353092	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
62) 4-Bromofluorobenzene	11.13	95	118691	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
Target Compounds						
16) Acetone	2.43	43	5607	5.932	ug/l	91
20) Methylene Chloride	2.85	84	4162	2.011	ug/l #	84
43) Isopropyl Acetate	6.44	43	30175	7.221	ug/l	99

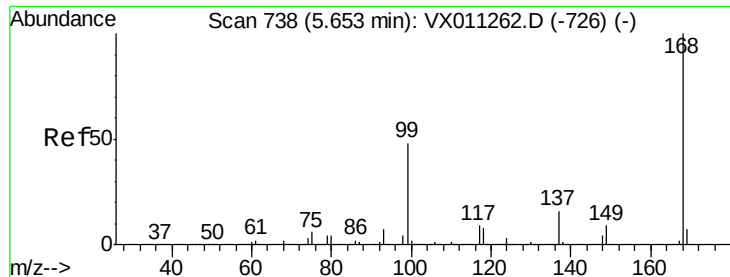
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011466.D

Acq: 12 Aug 2019 05:51

Instrument :

MSVOA_X

ClientSampleId :

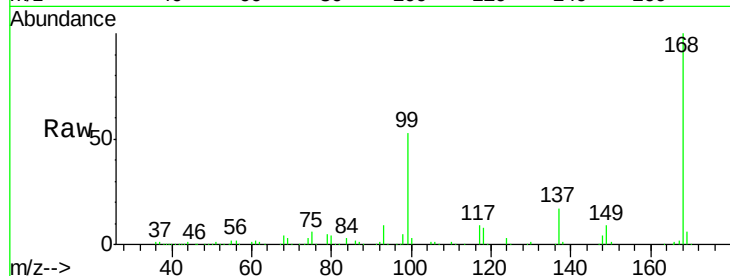
2S-A3-(1)

Tot Ion:168 Resp: 197189

Ion Ratio Lower Upper

168 100

99 52.9 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

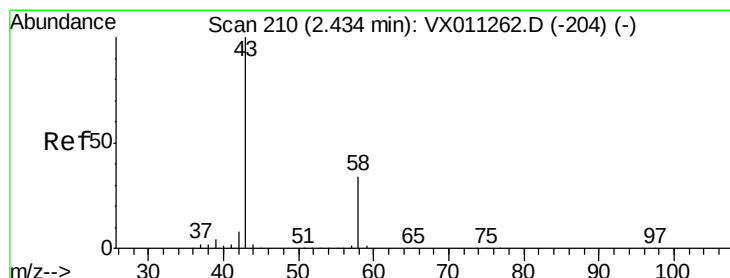
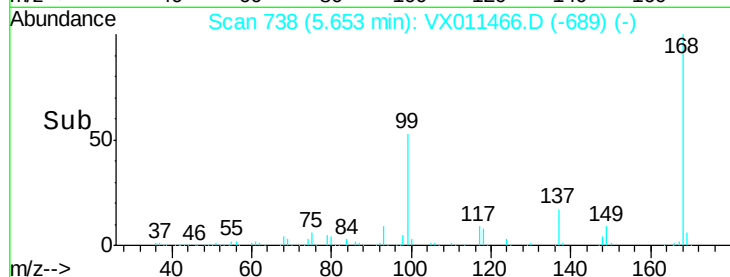
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.932 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011466.D

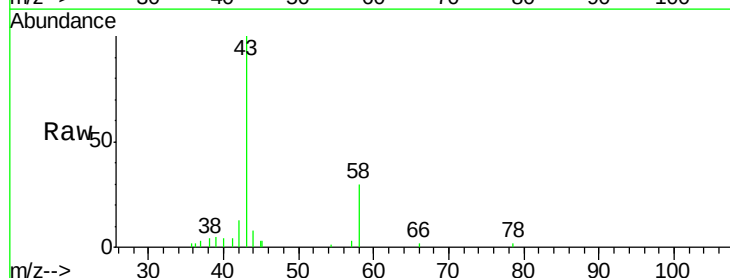
Acq: 12 Aug 2019 05:51

Tgt Ion: 43 Resp: 5607

Ion Ratio Lower Upper

43 100

58 28.8 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

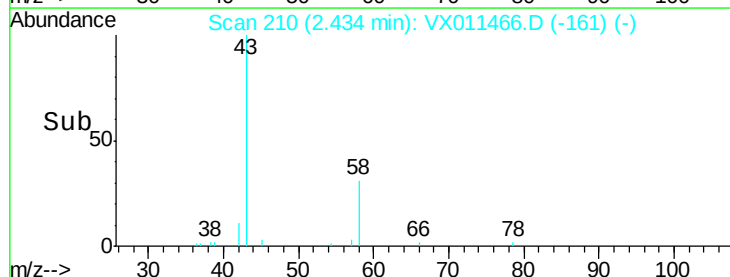
3000

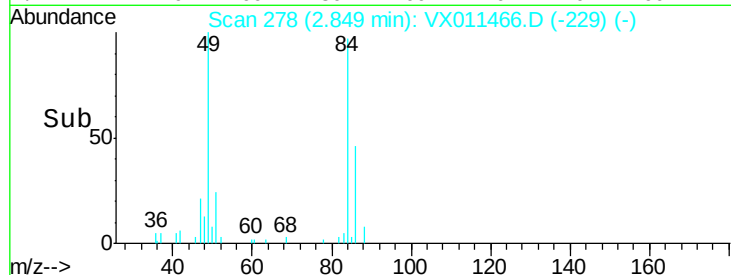
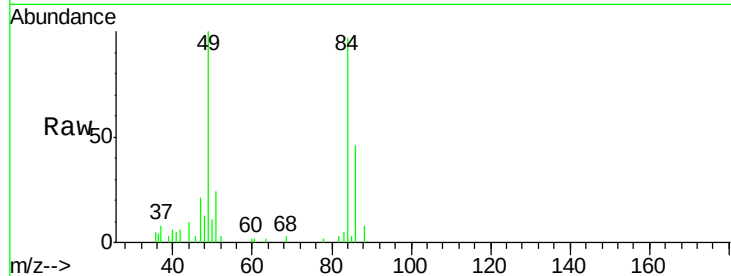
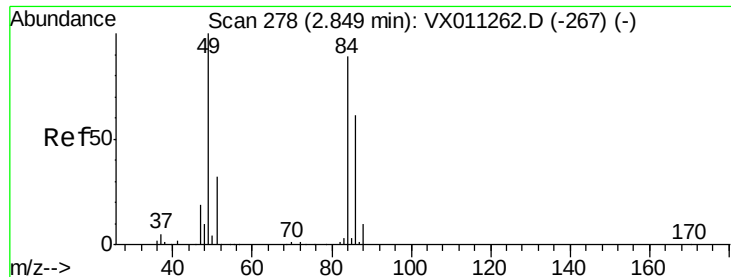
2000

1000

0

Time--> 2.40 2.45 2.50

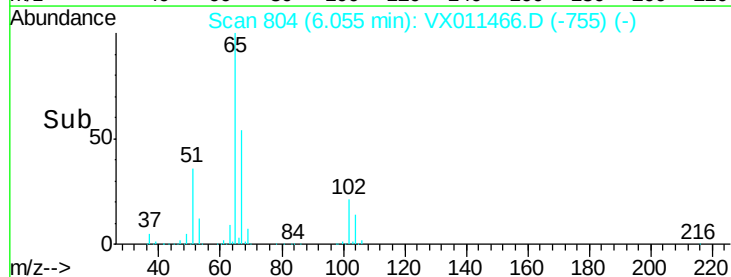
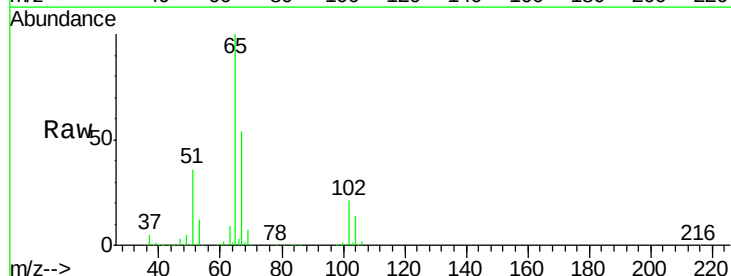
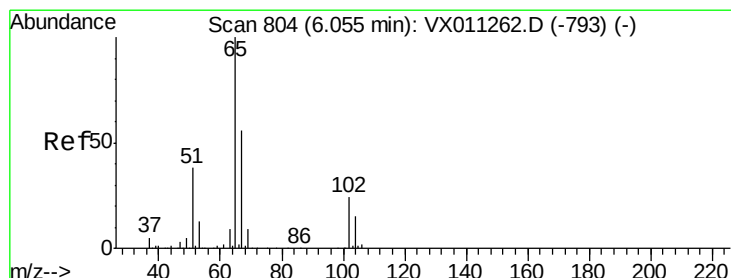
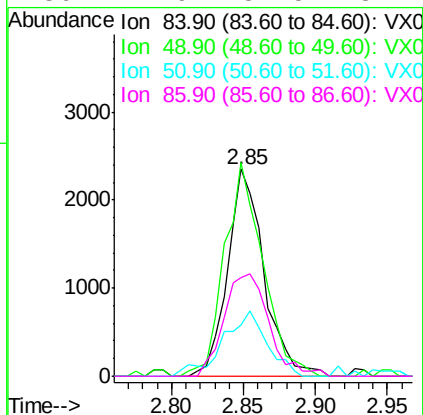




#20
Methylene Chloride
Concen: 2.011 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011466.D
Acq: 12 Aug 2019 05:51

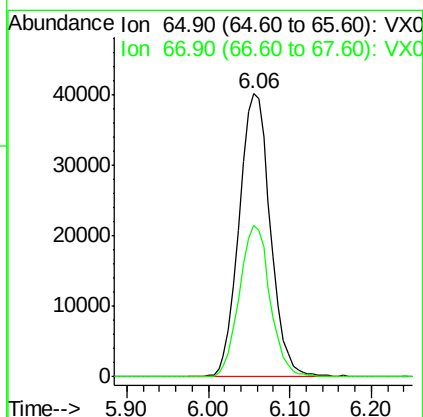
Instrument :
MSVOA_X
ClientSampleId :
2S-A3-(1)

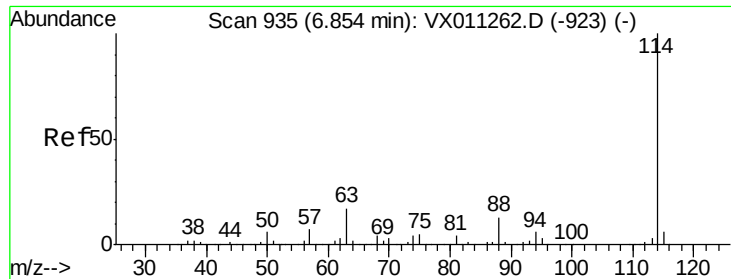
Tot Ion: 84 Resp: 4162
Ion Ratio Lower Upper
84 100
49 103.1 89.3 133.9
51 20.3 28.3 42.5#
86 47.9 54.5 81.7#



#33
1,2-Dichloroethane-d4
Concen: 53.778 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011466.D
Acq: 12 Aug 2019 05:51

Tgt Ion: 65 Resp: 106793
Ion Ratio Lower Upper
65 100
67 52.6 0.0 110.6

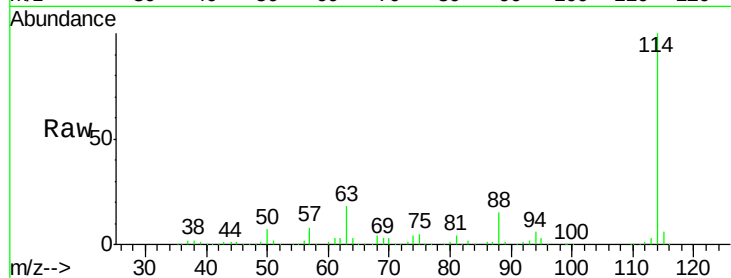




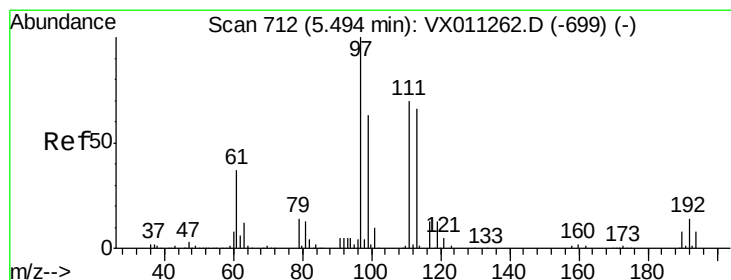
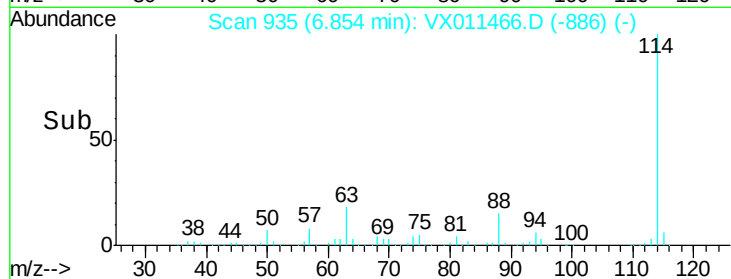
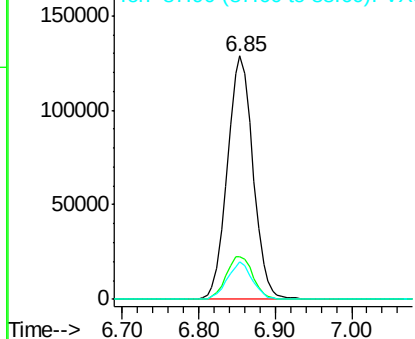
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011466.D
 Acq: 12 Aug 2019 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-A3-(1)

Tot Ion:114 Resp: 298450
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.0
 88 15.4 0.0 26.4

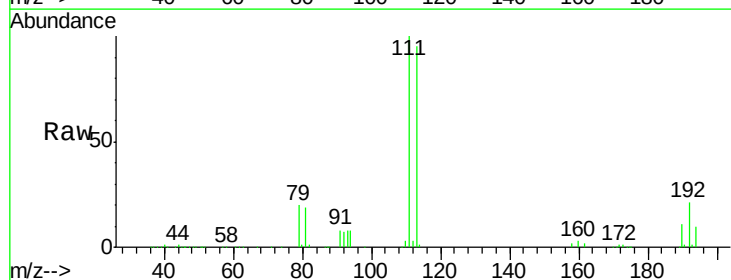


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

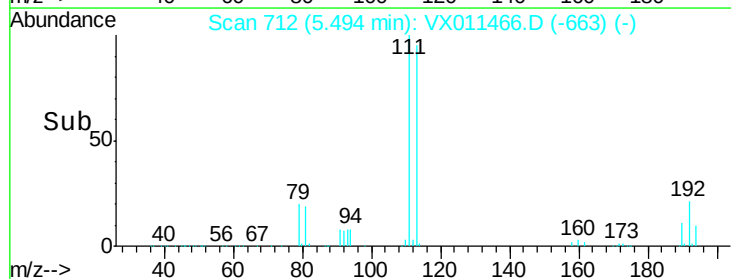
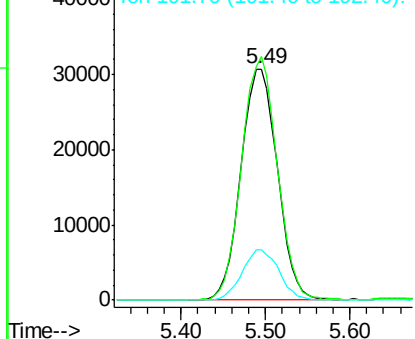


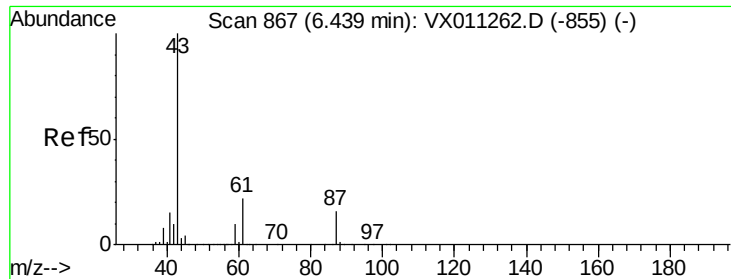
#35
 Dibromofluoromethane
 Concen: 46.414 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011466.D
 Acq: 12 Aug 2019 05:51

Tgt Ion:113 Resp: 90439
 Ion Ratio Lower Upper
 113 100
 111 102.9 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

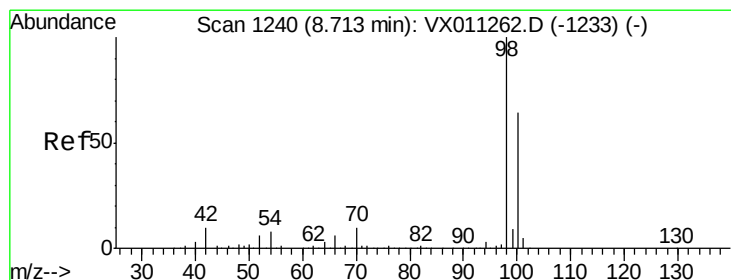
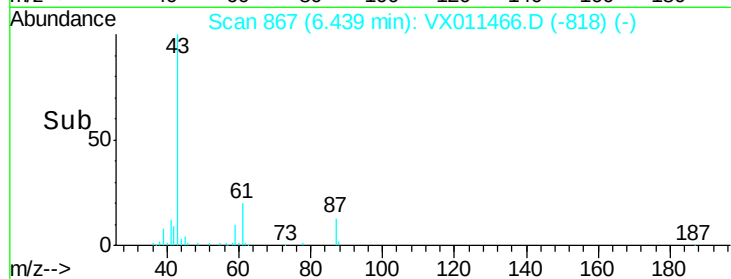
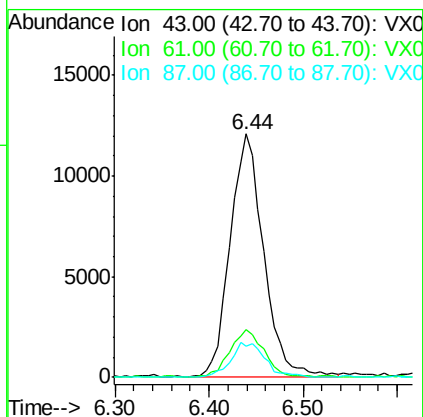
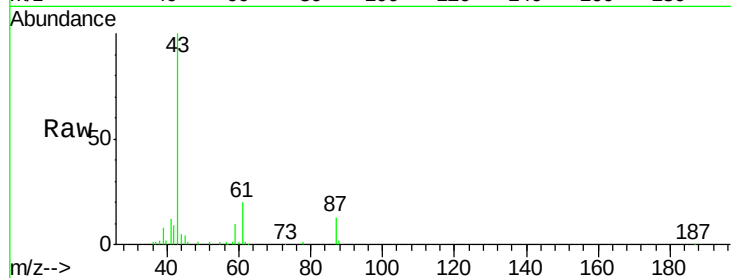




#43
Isopropyl Acetate
Concen: 7.221 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011466.D
Acq: 12 Aug 2019 05:51

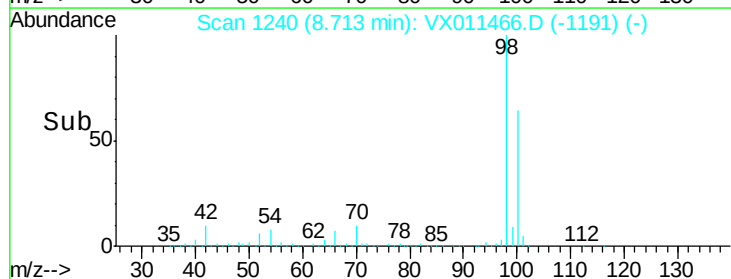
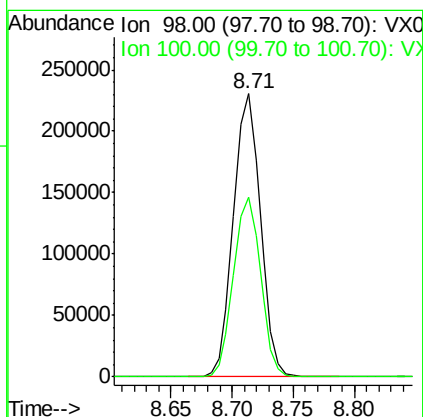
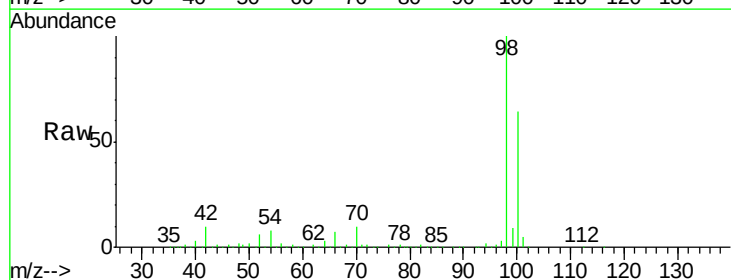
Instrument :
MSVOA_X
ClientSampleId :
2S-A3-(1)

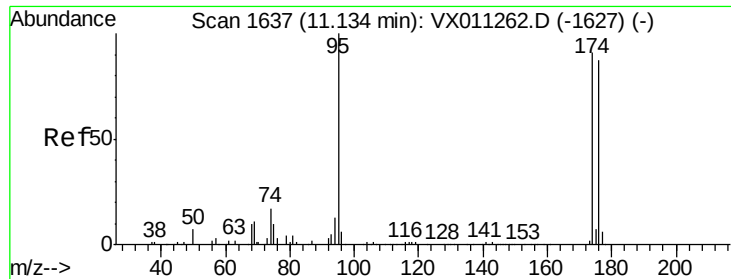
Tot Ion	43	Resp	30175
Ion Ratio	Lower	Upper	
43	100		
61	20.0	16.5	24.7
87	14.6	12.1	18.1



#50
Toluene-d8
Concen: 48.007 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011466.D
Acq: 12 Aug 2019 05:51

Tgt Ion	98	Resp	353092
Ion Ratio	Lower	Upper	
98	100		
100	63.8	51.7	77.5

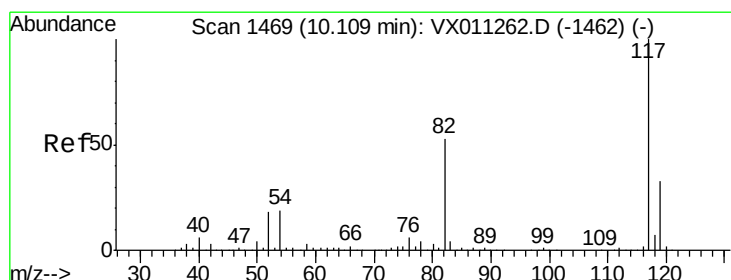
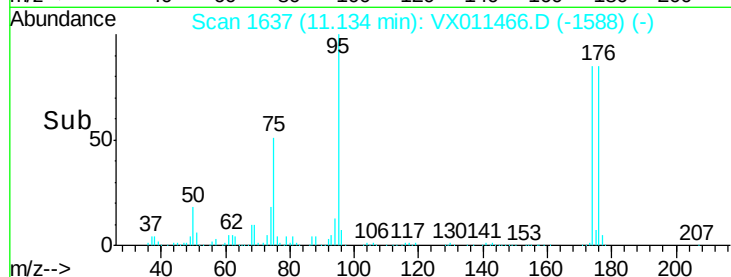
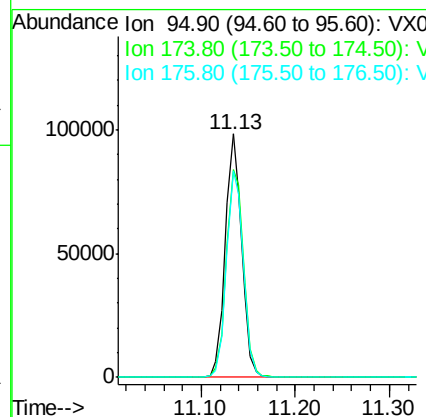
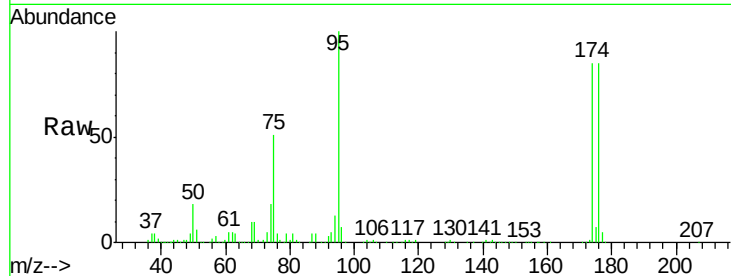




#62
4-Bromofluorobenzene
Concen: 45.199 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011466.D
Acq: 12 Aug 2019 05:51

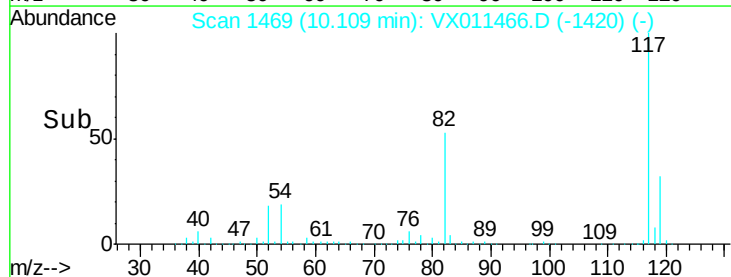
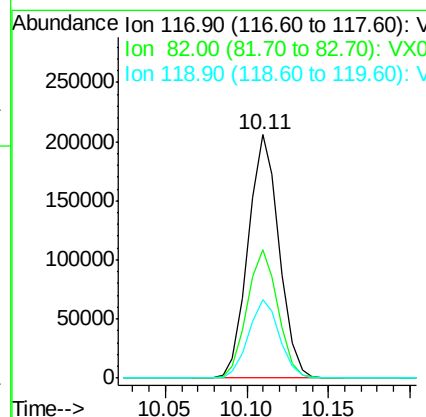
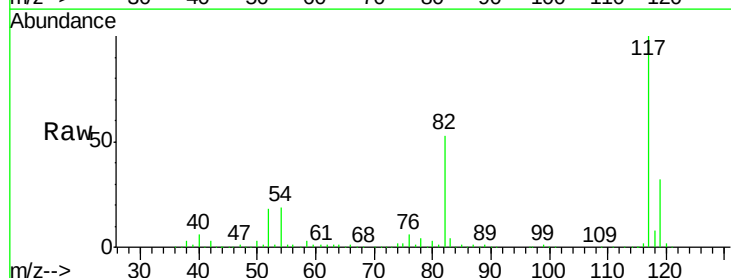
Instrument :
MSVOA_X
ClientSampled :
2S-A3-(1)

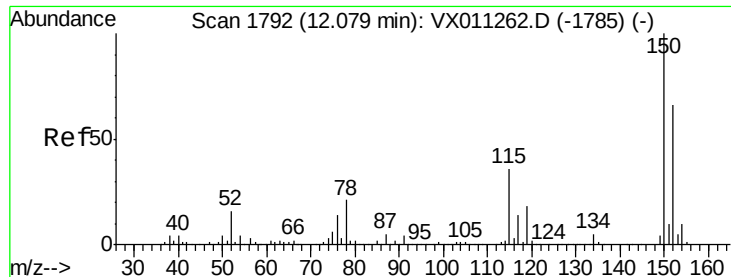
Tot Ion: 95 Resp: 118691
Ion Ratio Lower Upper
95 100
174 89.9 0.0 191.2
176 86.8 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011466.D
Acq: 12 Aug 2019 05:51

Tgt Ion: 117 Resp: 272404
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.2
119 32.4 26.6 39.8



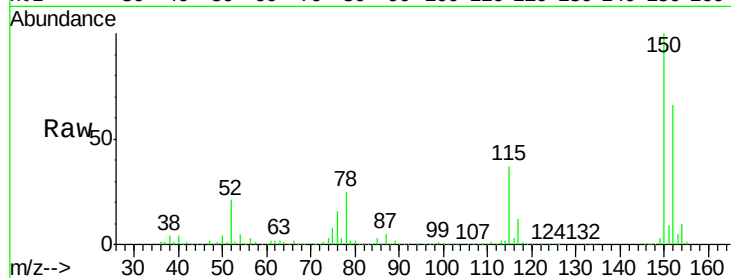


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011466.D
 Acq: 12 Aug 2019 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-A3-(1)

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	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

