

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013879.D
 Acq On : 10 Dec 2019 03:04
 Operator : JC/SP
 Sample : K6176-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 48-SPRUCE

Quant Time: Dec 10 06:09:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

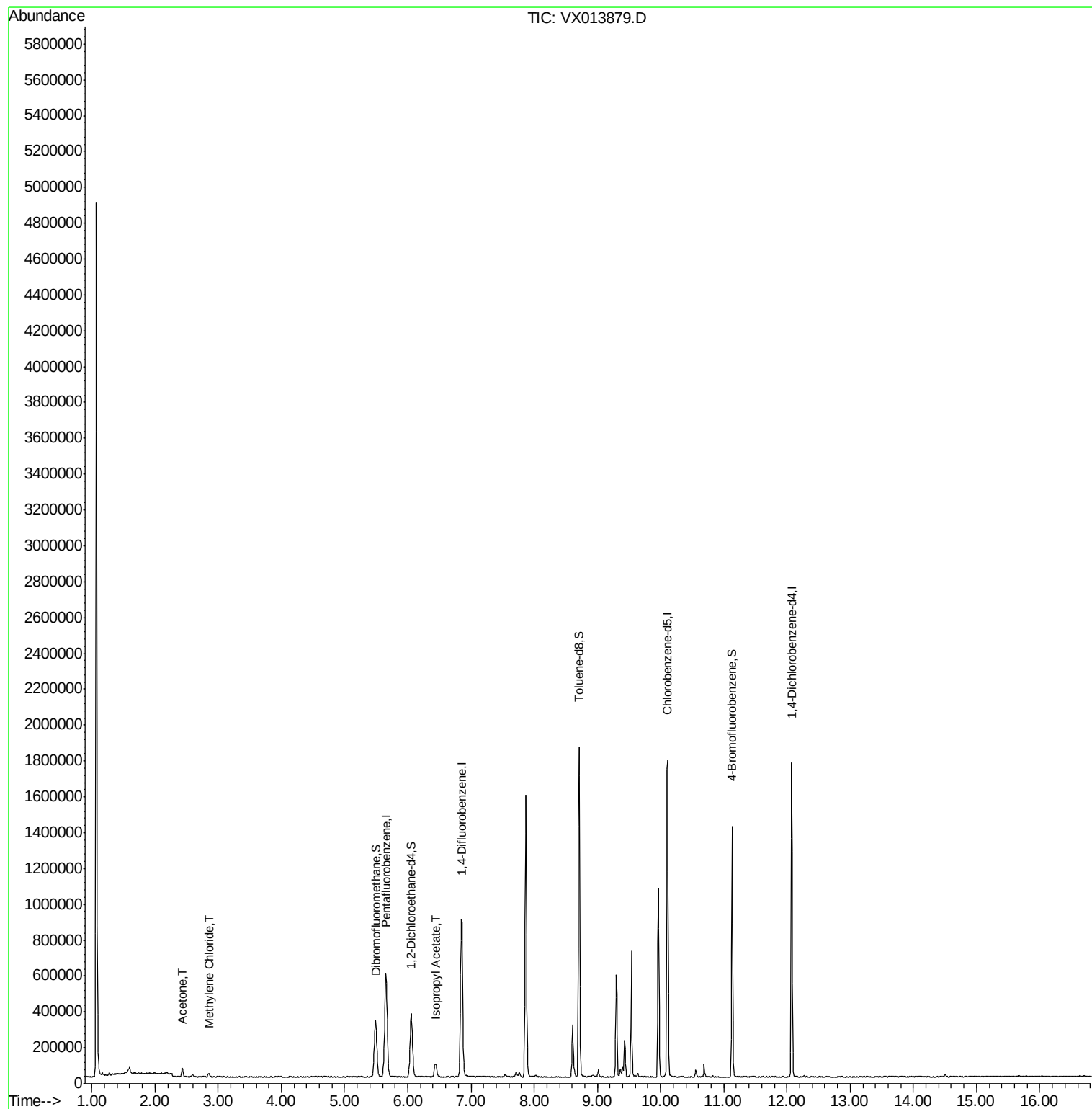
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	593749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	916089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	832783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	366386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	335901	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	5.49	113	271270	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	8.71	98	1098520	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.14	95	367603	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
Target Compounds						
16) Acetone	2.43	43	51600	15.164	ug/l	96
20) Methylene Chloride	2.85	84	11204	1.714	ug/l	95
43) Isopropyl Acetate	6.44	43	107099	6.973	ug/l	98

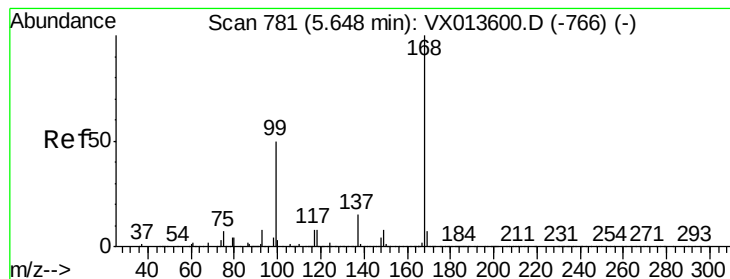
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013879.D

Acq: 10 Dec 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

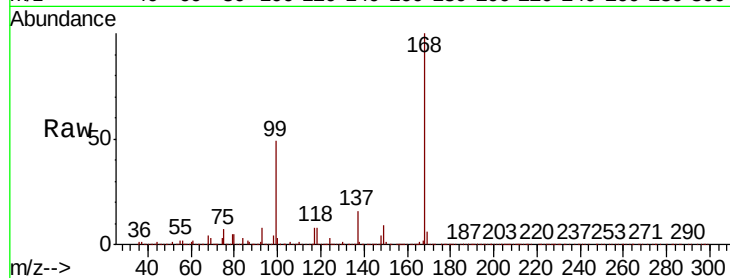
48-SPRUCE

Tot Ion:168 Resp: 593749

Ion Ratio Lower Upper

168 100

99 49.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

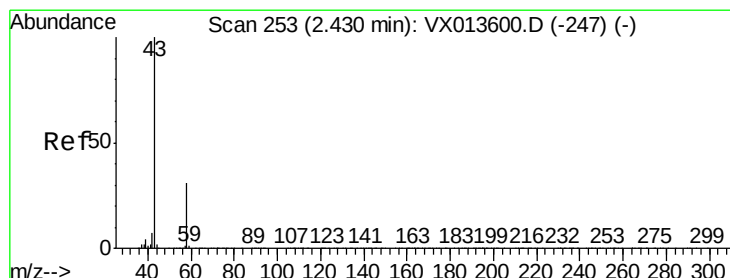
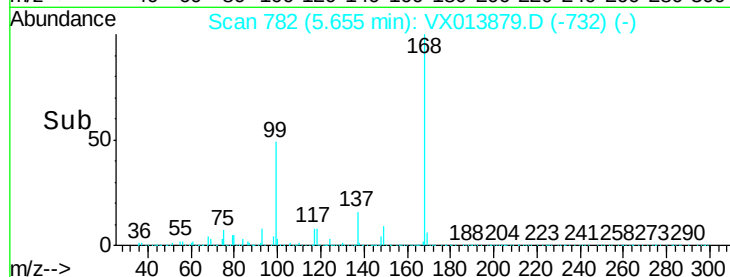
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 15.164 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013879.D

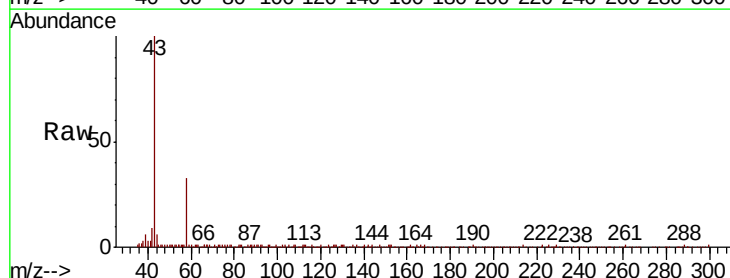
Acq: 10 Dec 2019 03:04

Tgt Ion: 43 Resp: 51600

Ion Ratio Lower Upper

43 100

58 32.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

30000

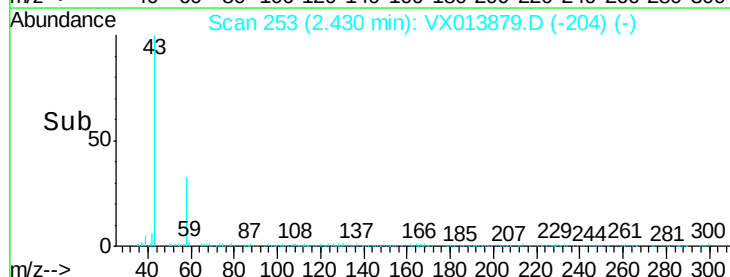
20000

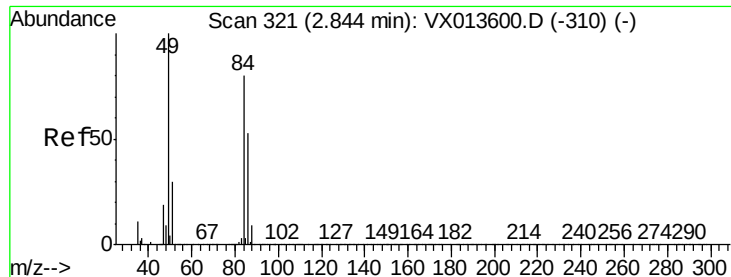
10000

0

Time-->

2.35 2.40 2.45 2.50 2.55

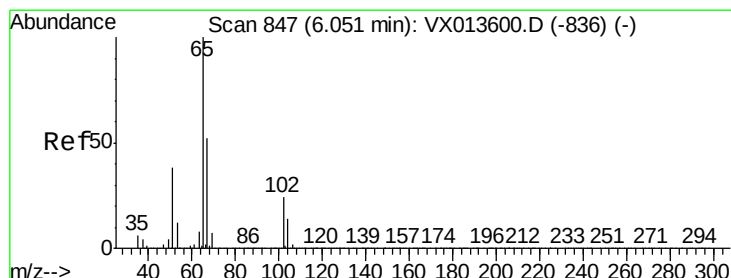
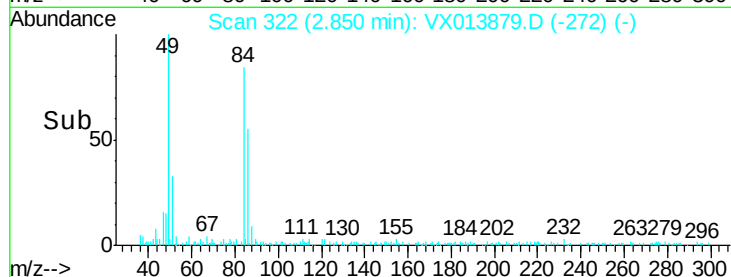
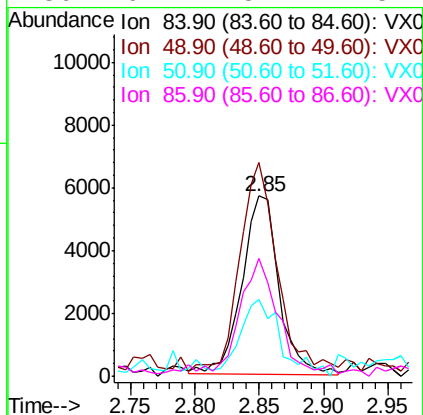
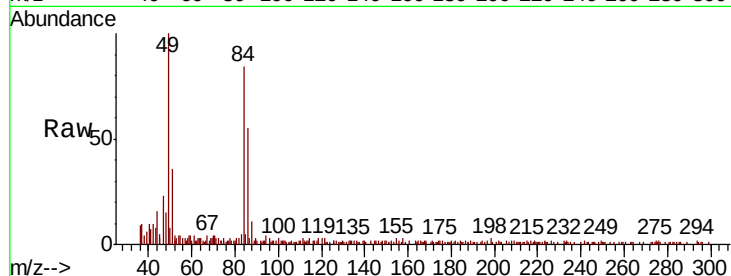




#20
Methylene Chloride
Concen: 1.714 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013879.D
Acq: 10 Dec 2019 03:04

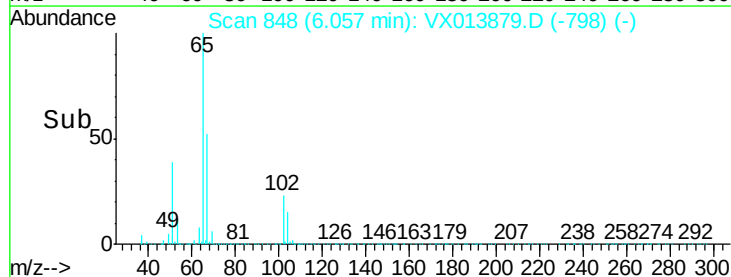
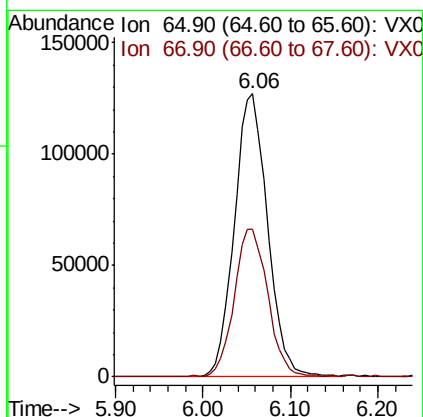
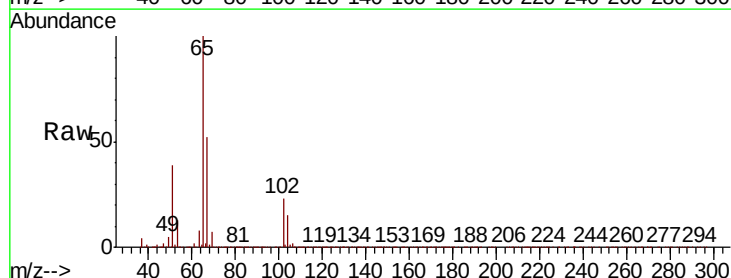
Instrument :
MSVOA_X
ClientSampleId :
48-SPRUCE

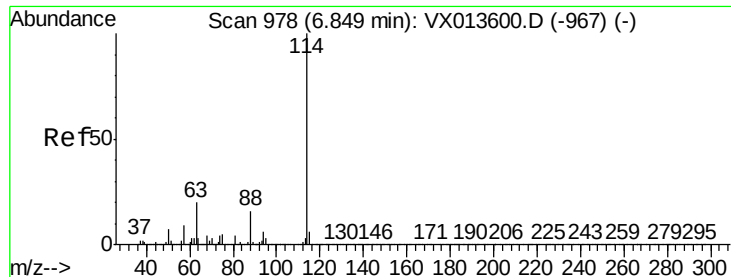
Tot Ion: 84 Resp: 11204
Ion Ratio Lower Upper
84 100
49 118.3 99.7 149.5
51 38.9 29.9 44.9
86 62.2 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 48.737 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013879.D
Acq: 10 Dec 2019 03:04

Tgt Ion: 65 Resp: 335901
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.4

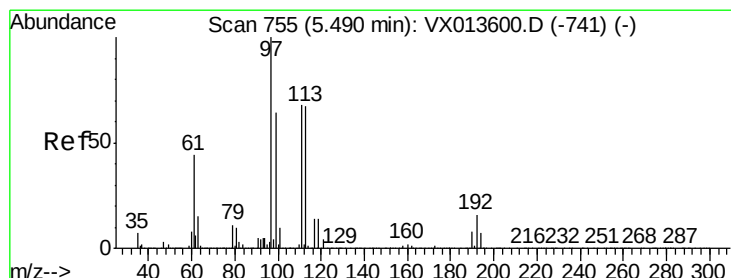
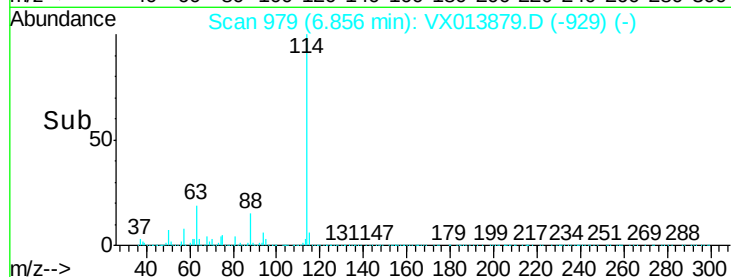
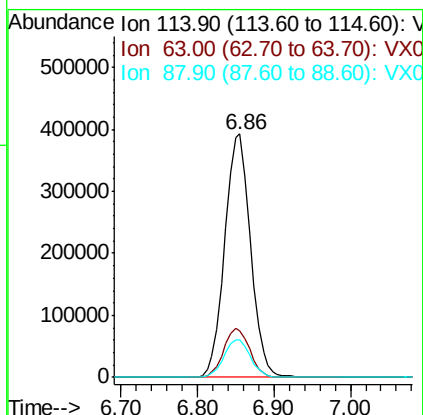
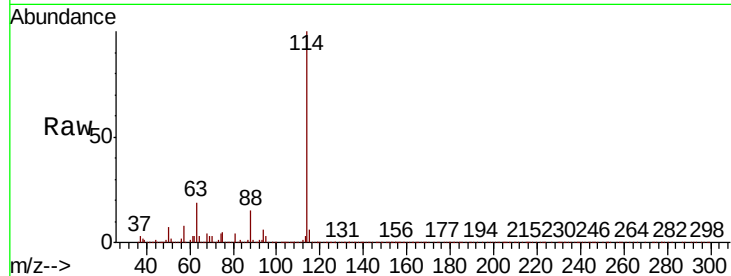




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX013879.D
 Acq: 10 Dec 2019 03:04

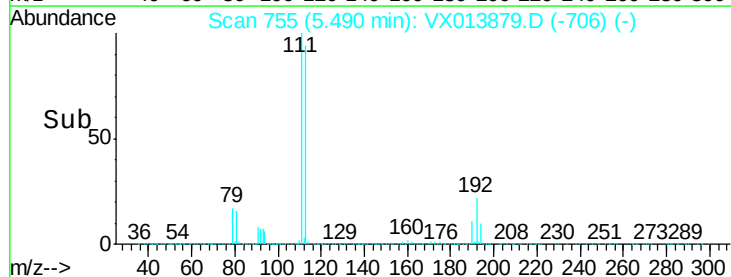
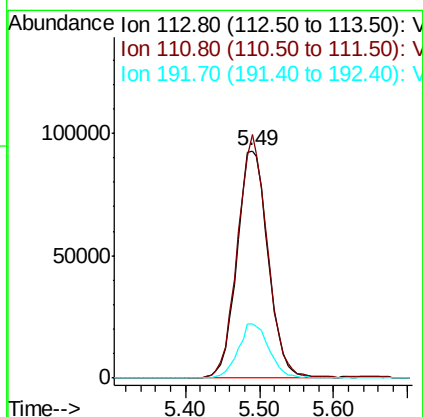
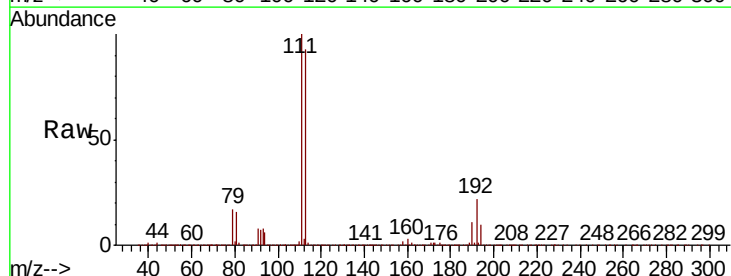
Instrument :
 MSVOA_X
 ClientSampleId :
 48-SPRUCE

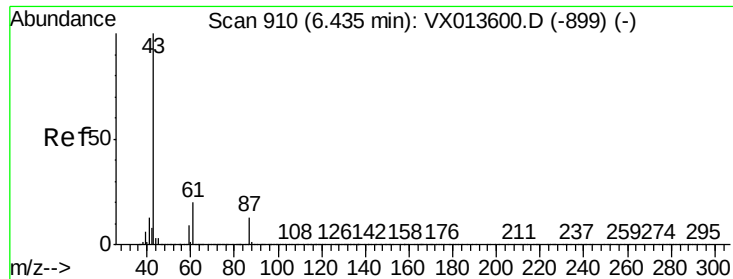
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	15.3	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 47.899 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013879.D
 Acq: 10 Dec 2019 03:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.6	125.4
192	23.9	19.2	28.8





#43

Isopropyl Acetate

Concen: 6.973 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX013879.D

Acq: 10 Dec 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

48-SPRUCE

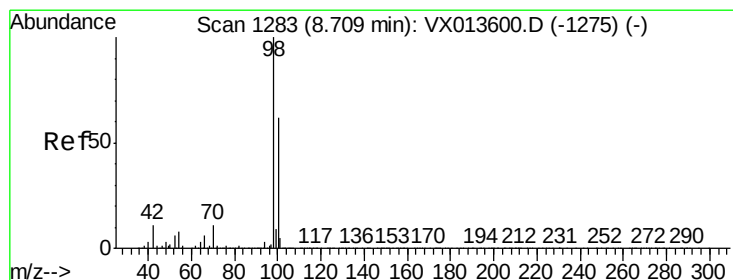
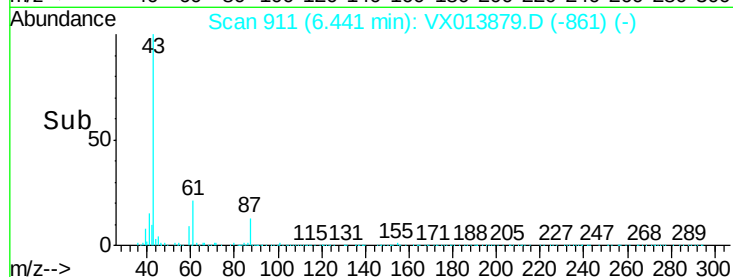
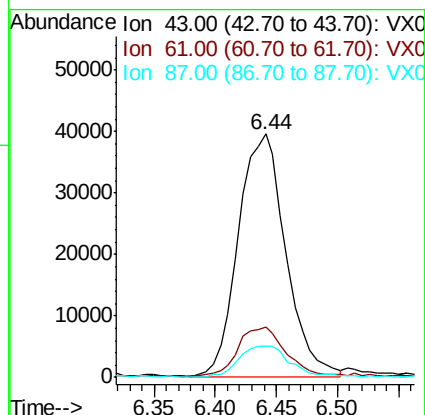
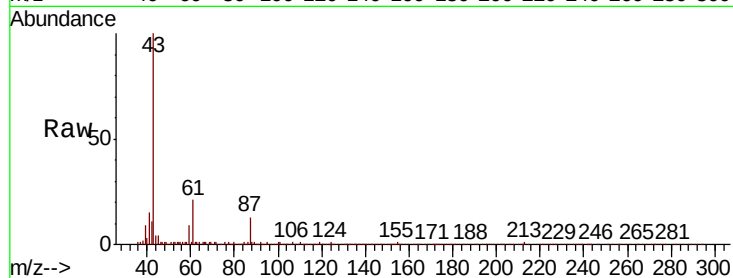
Tot Ion: 43 Resp: 107099

Ion Ratio Lower Upper

43 100

61 21.4 16.3 24.5

87 14.2 10.8 16.2



#50

Toluene-d8

Concen: 49.785 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013879.D

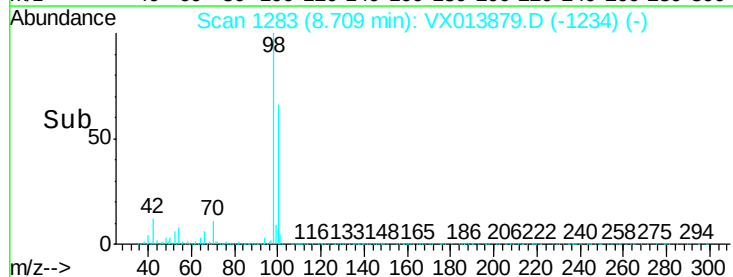
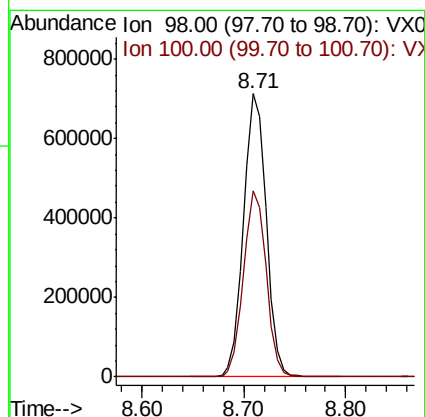
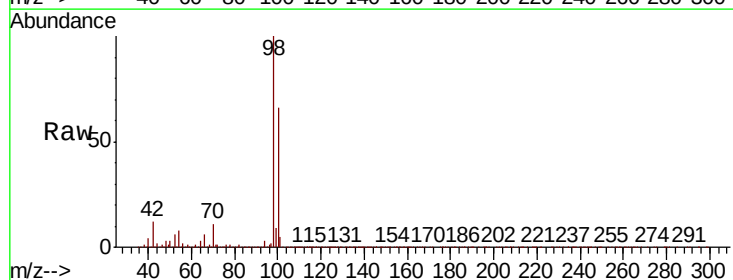
Acq: 10 Dec 2019 03:04

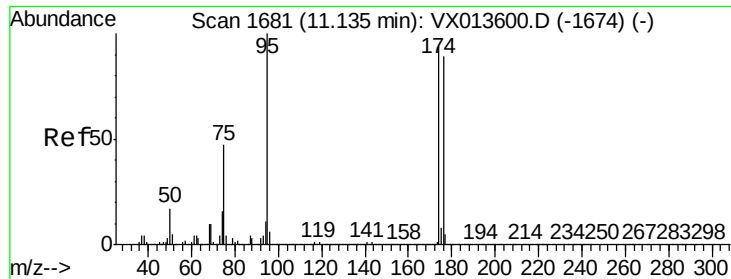
Tgt Ion: 98 Resp: 1098520

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7

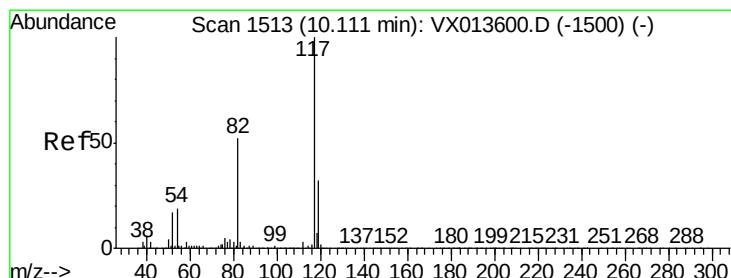
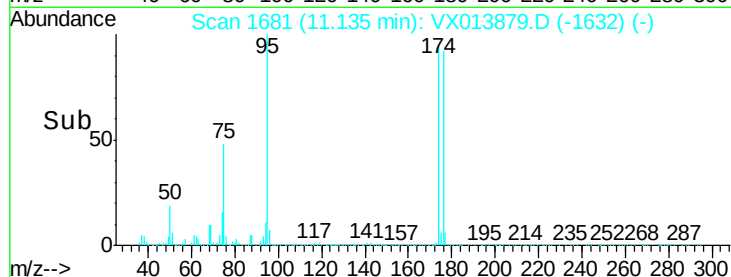
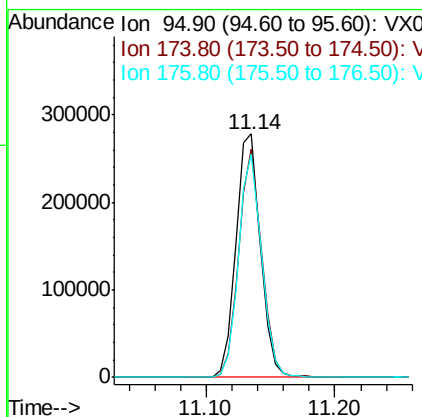
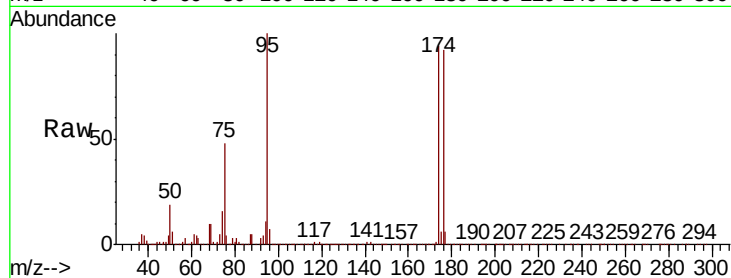




#62
4-Bromofluorobenzene
Concen: 46.200 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013879.D
Acq: 10 Dec 2019 03:04

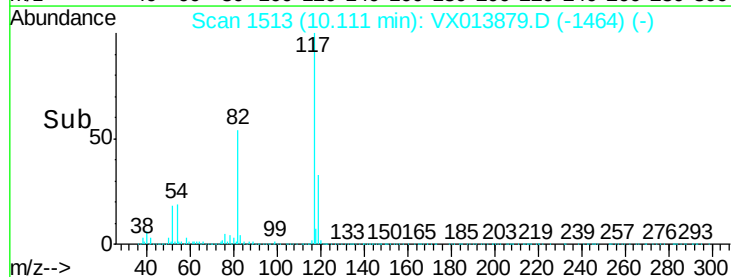
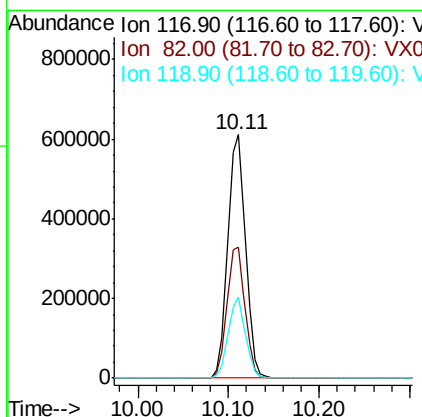
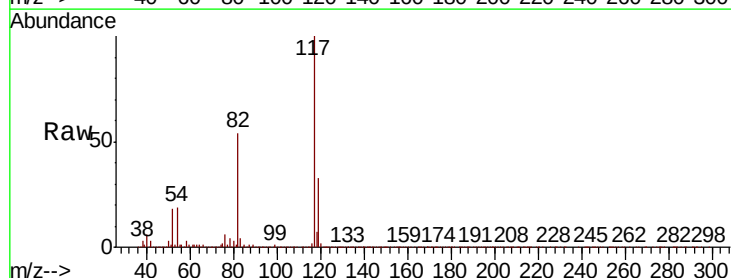
Instrument :
MSVOA_X
ClientSampleId :
48-SPRUCE

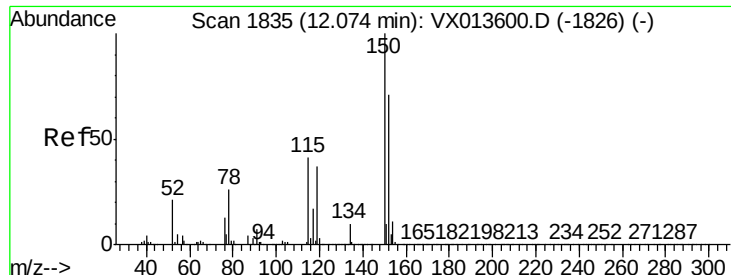
Tot Ion: 95 Resp: 367603
Ion Ratio Lower Upper
95 100
174 87.9 0.0 180.0
176 86.6 0.0 173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013879.D
Acq: 10 Dec 2019 03:04

Tgt Ion: 117 Resp: 832783
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.8
119 33.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013879.D

Acq: 10 Dec 2019 03:04

Instrument :

MSVOA_X

ClientSampleId :

48-SPRUCE

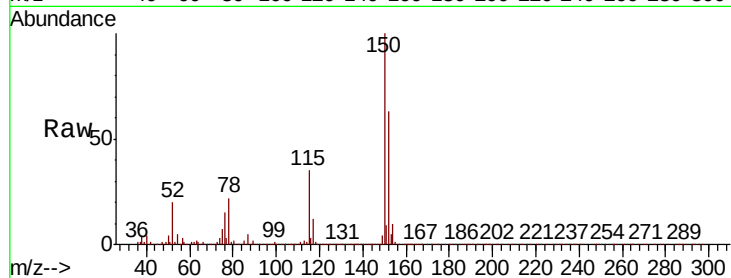
Tot Ion:152 Resp: 366386

Ion Ratio Lower Upper

152 100

115 54.8 38.4 115.1

150 154.2 0.0 346.8



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

