

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013878.D
 Acq On : 10 Dec 2019 02:41
 Operator : JC/SP
 Sample : K6176-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 42-SPRUCE

Quant Time: Dec 10 06:02:45 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

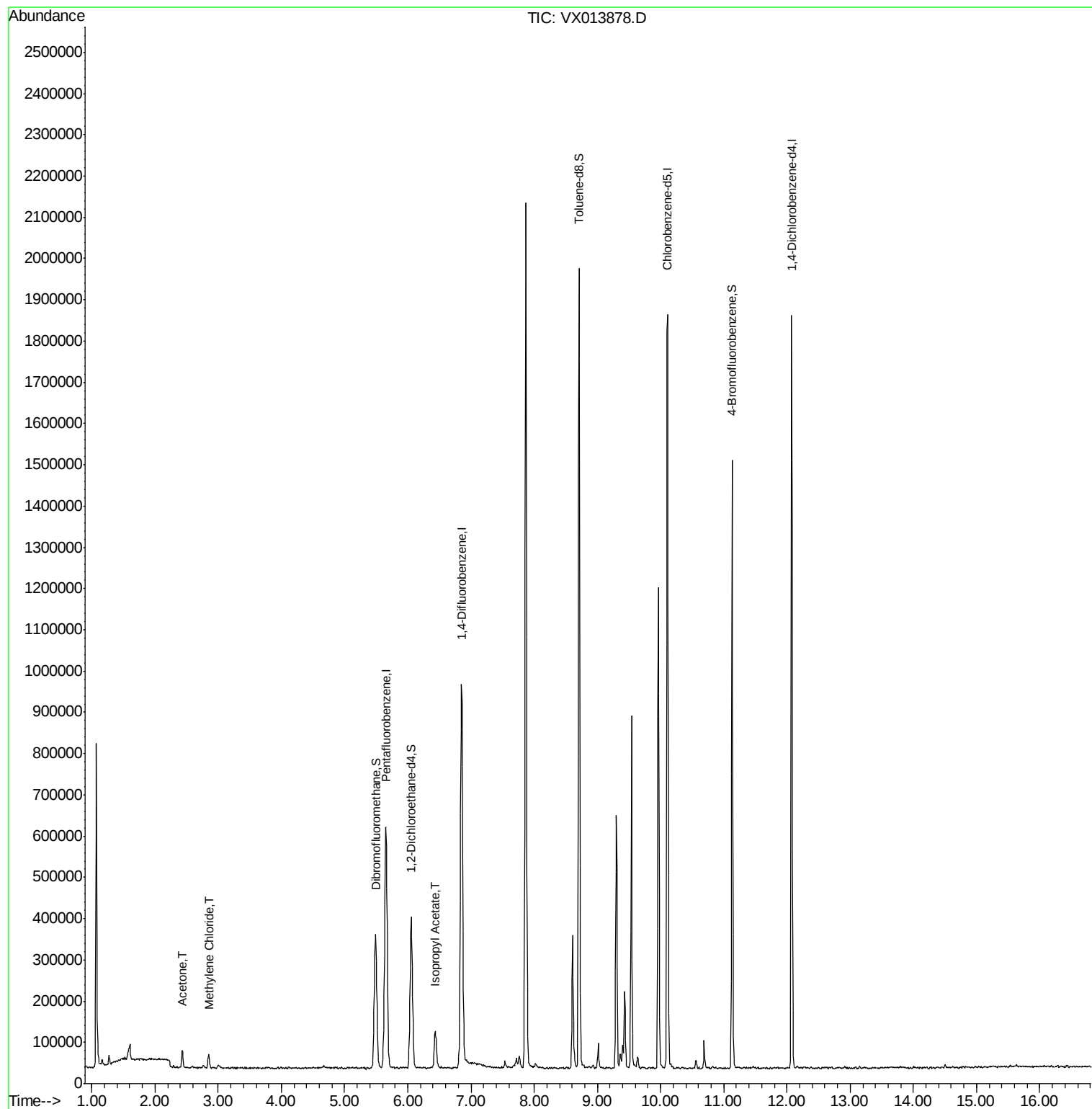
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	613171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	949263	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	864903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	385749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	340713	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	5.49	113	284096	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	8.71	98	1137266	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.14	95	382745	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
Target Compounds						
16) Acetone	2.43	43	46821	13.324	ug/l	96
20) Methylene Chloride	2.85	84	16360	2.423	ug/l	90
43) Isopropyl Acetate	6.43	43	123566	7.764	ug/l	100

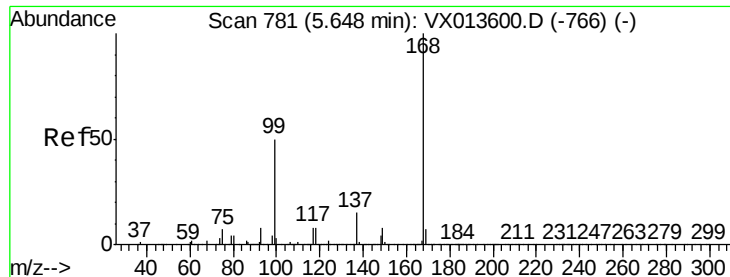
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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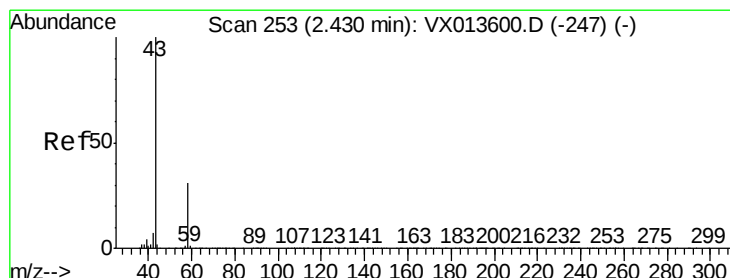
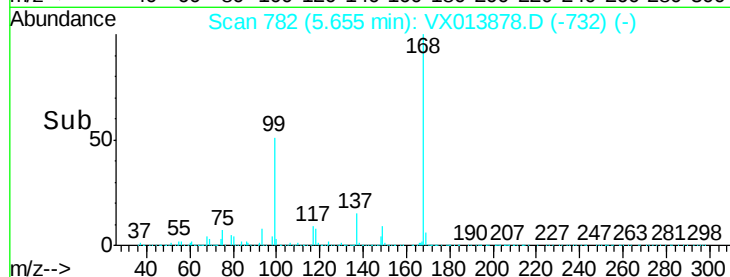
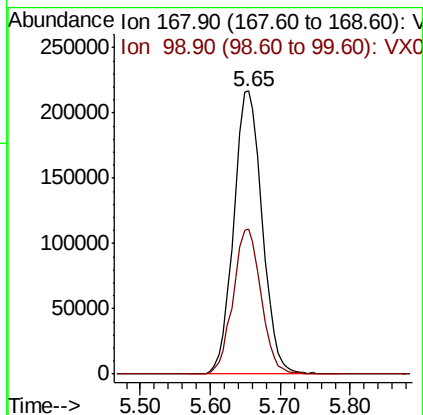
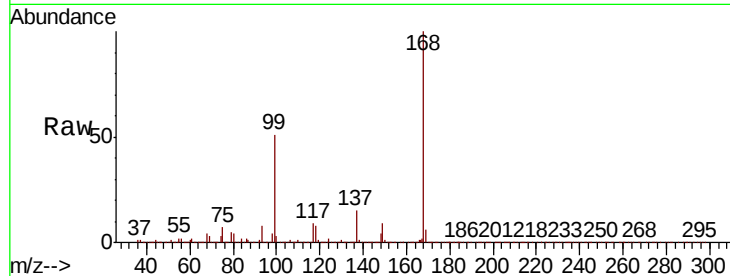


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013878.D
 Acq: 10 Dec 2019 02:41

Instrument :
 MSVOA_X
 ClientSampleId :
 42-SPRUCE

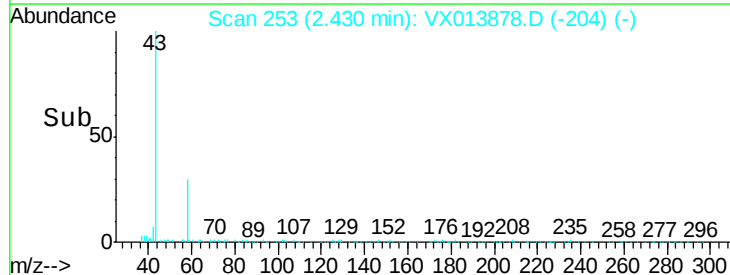
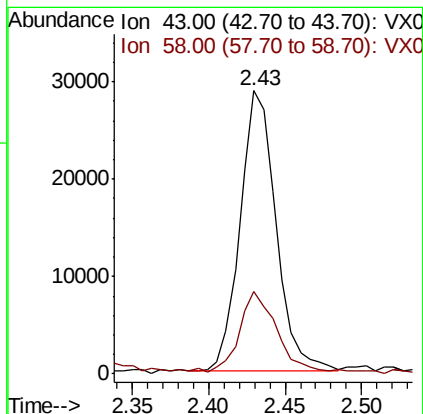
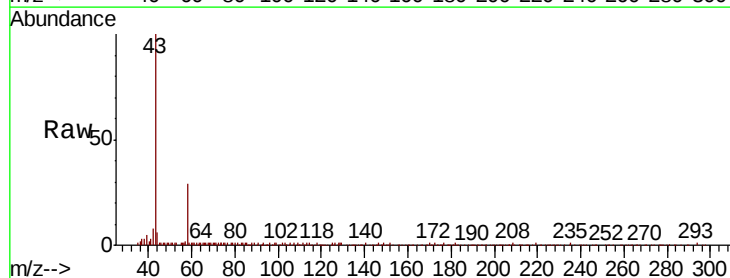
Tot Ion:168 Resp: 613171
 Ion Ratio Lower Upper
 168 100
 99 51.0 39.8 59.8

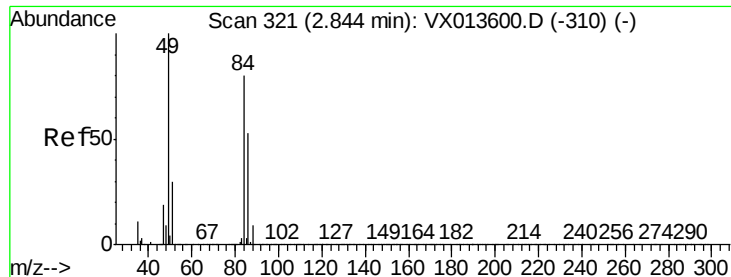


#16

Acetone
 Concen: 13.324 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX013878.D
 Acq: 10 Dec 2019 02:41

Tgt Ion: 43 Resp: 46821
 Ion Ratio Lower Upper
 43 100
 58 28.2 24.6 36.8

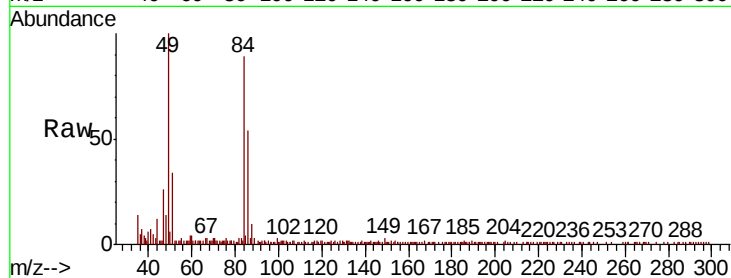




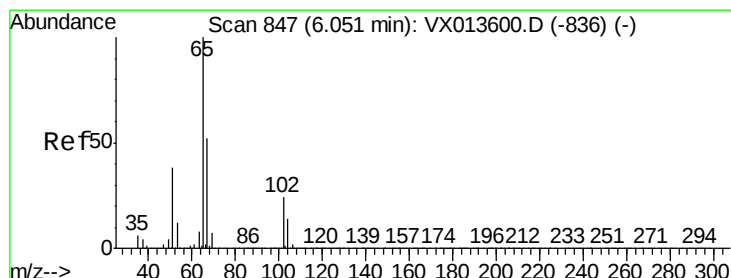
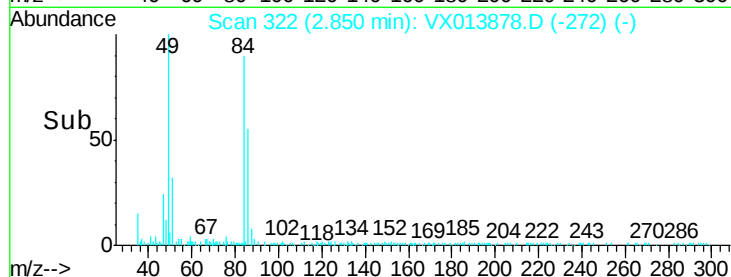
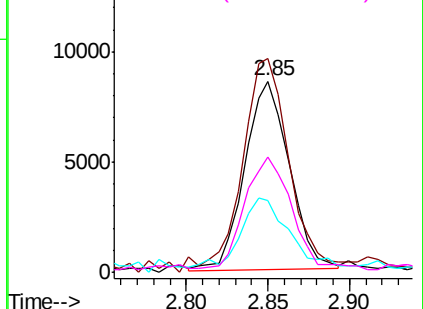
#20
Methvlene Chloride
Concen: 2.423 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013878.D
Acq: 10 Dec 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
42-SPRUCE

Tot Ion: 84 Resp: 16360
Ion Ratio Lower Upper
84 100
49 108.7 99.7 149.5
51 35.8 29.9 44.9
86 59.6 52.2 78.4

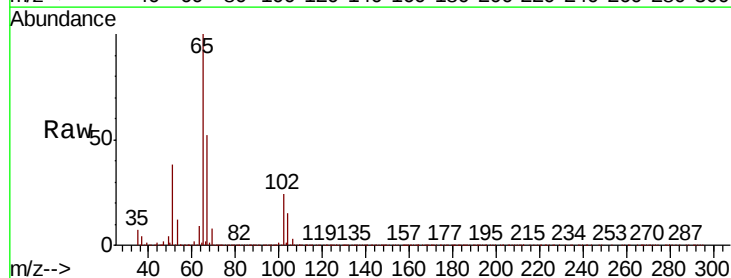


Abundance Ion 83.90 (83.60 to 84.60): VX0
15000 Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

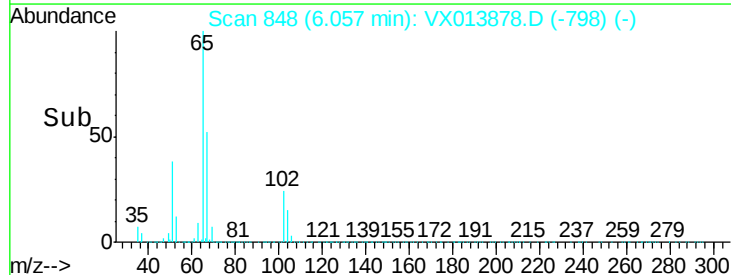
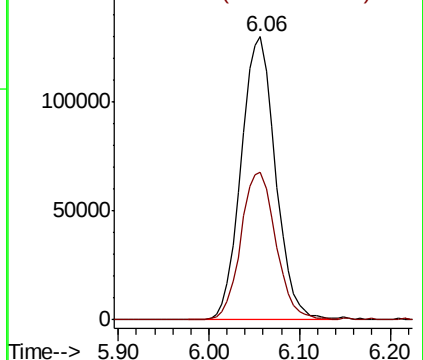


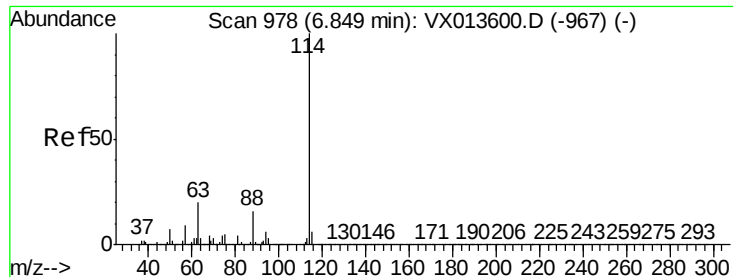
#33
1,2-Dichloroethane-d4
Concen: 47.870 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013878.D
Acq: 10 Dec 2019 02:41

Tgt Ion: 65 Resp: 340713
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
150000 Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013878.D

Acq: 10 Dec 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

42-SPRUCE

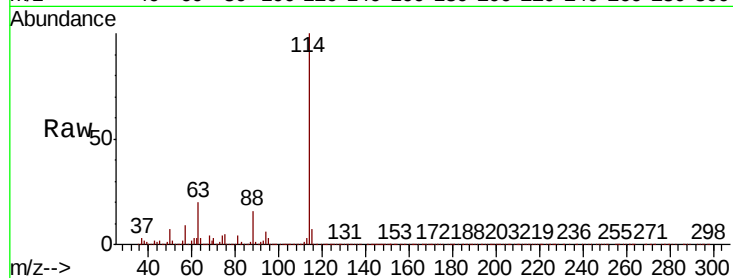
Tot Ion:114 Resp: 949263

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

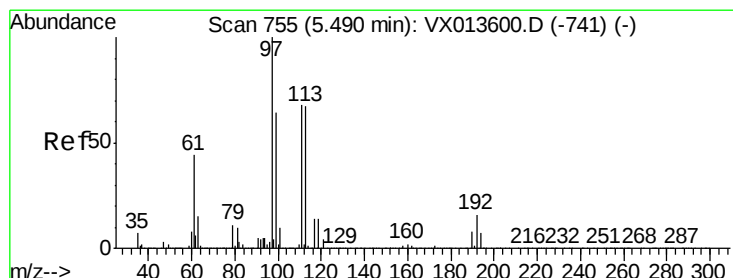
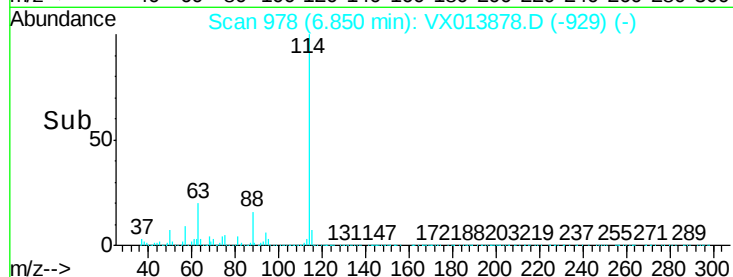
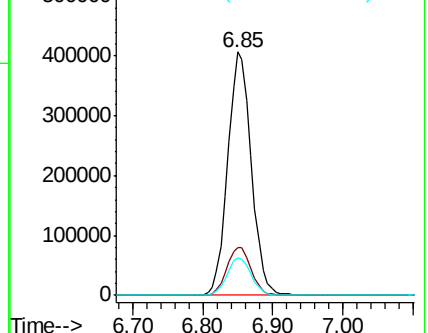
88 15.7 0.0 31.4



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: 48.411 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013878.D

Acq: 10 Dec 2019 02:41

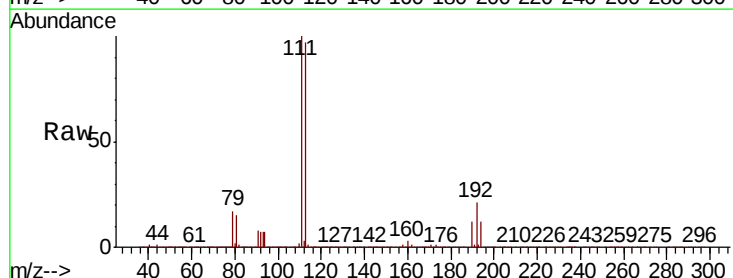
Tgt Ion:113 Resp: 284096

Ion Ratio Lower Upper

113 100

111 102.8 83.6 125.4

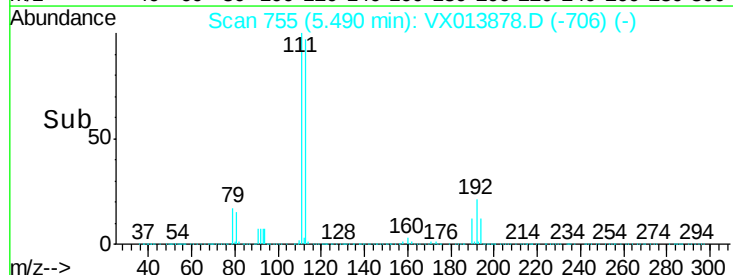
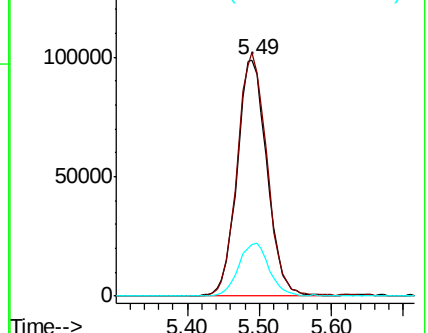
192 22.7 19.2 28.8

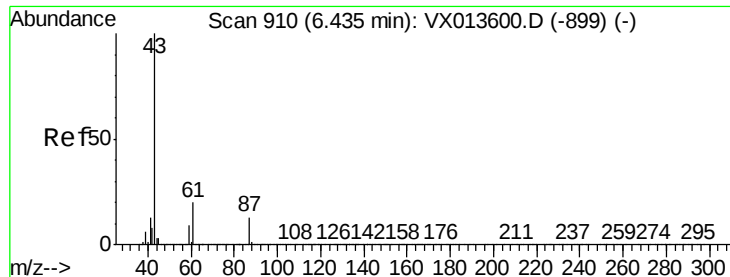


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.764 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013878.D

Acq: 10 Dec 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

42-SPRUCE

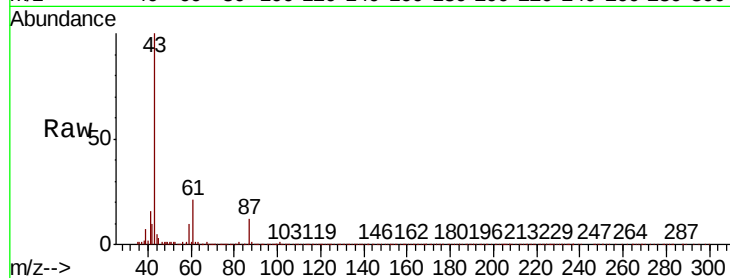
Tot Ion: 43 Resp: 123566

Ion Ratio Lower Upper

43 100

61 20.3 16.3 24.5

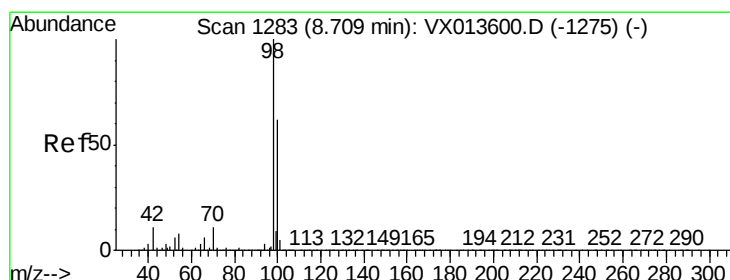
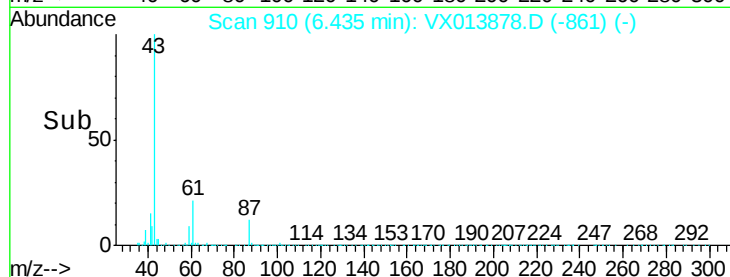
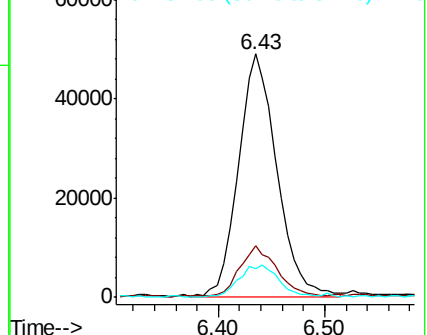
87 13.4 10.8 16.2



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: 49.740 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013878.D

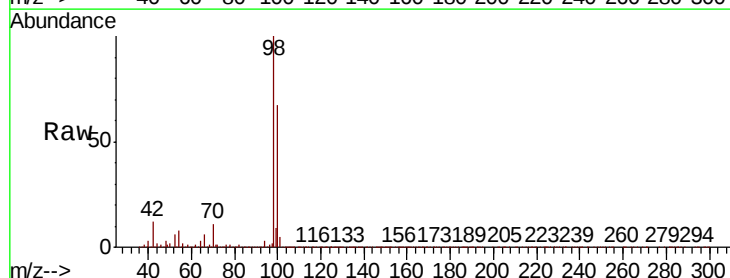
Acq: 10 Dec 2019 02:41

Tgt Ion: 98 Resp: 1137266

Ion Ratio Lower Upper

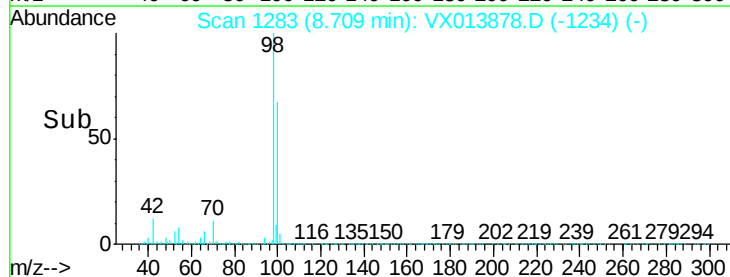
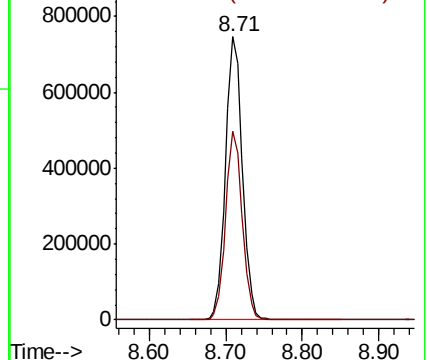
98 100

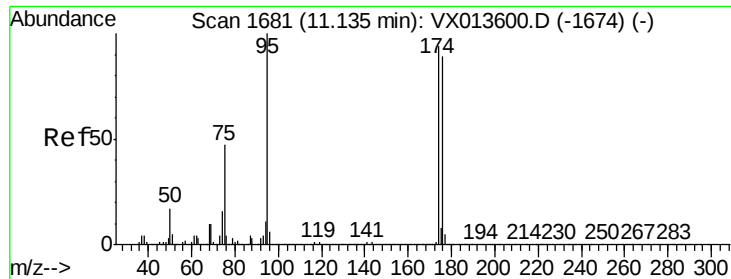
100 65.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.422 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013878.D

Acq: 10 Dec 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

42-SPRUCE

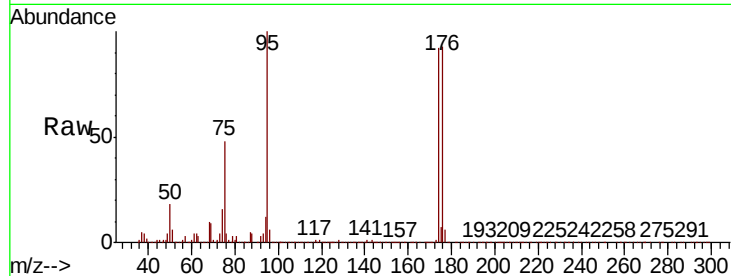
Tot Ion: 95 Resp: 382745

Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.0

176 87.2 0.0 173.6

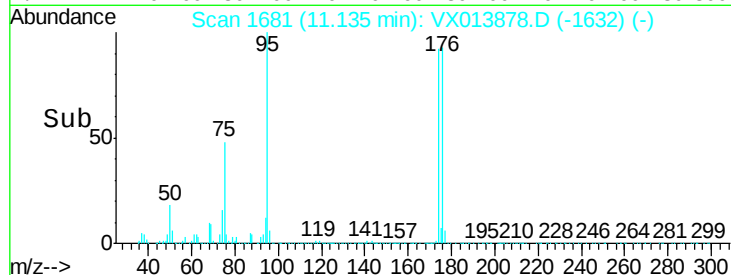


Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)

Time-->

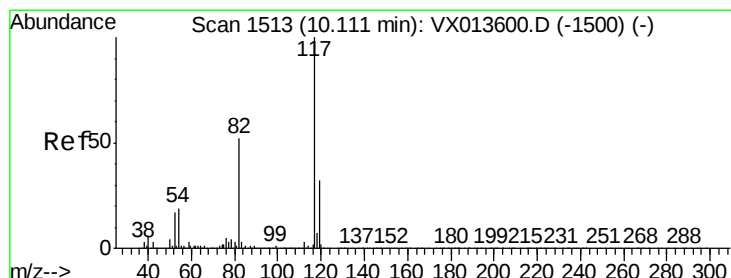


Abundance Ion 94.90 (94.60 to 95.60): VX013878.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013878.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013878.D (-1632) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013878.D

Acq: 10 Dec 2019 02:41

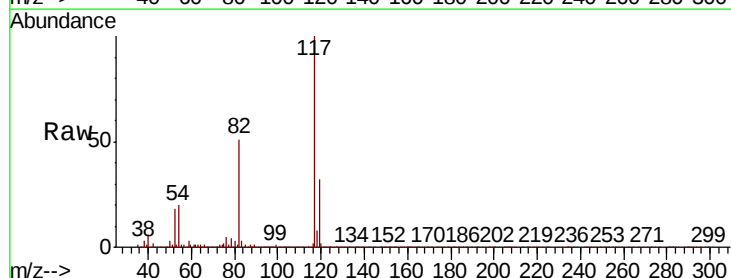
Tgt Ion: 117 Resp: 864903

Ion Ratio Lower Upper

117 100

82 51.3 41.8 62.8

119 31.9 25.8 38.8

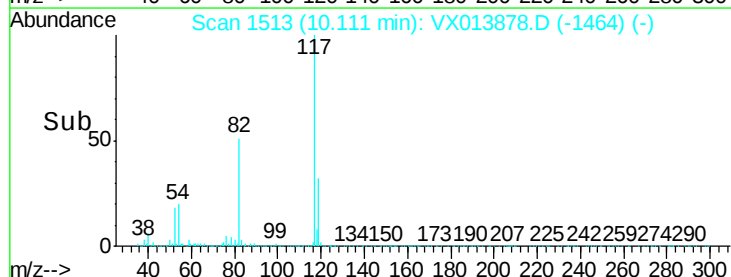


Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)

Time-->

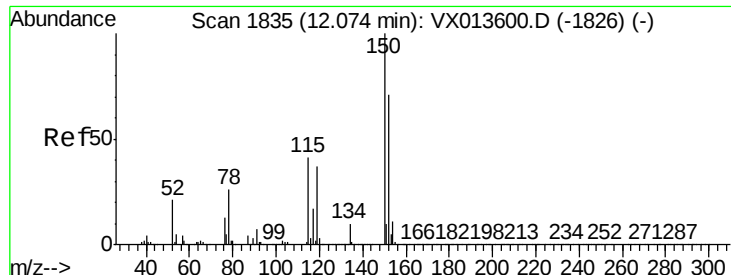


Abundance Ion 116.90 (116.60 to 117.60): VX013878.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013878.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013878.D (-1464) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013878.D

Acq: 10 Dec 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

42-SPRUCE

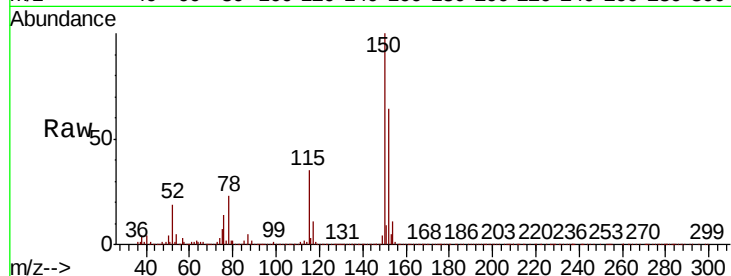
Tot Ion:152 Resp: 385749

Ion Ratio Lower Upper

152 100

115 54.9 38.4 115.1

150 155.3 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

