

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013620.D
 Acq On : 27 Nov 2019 00:22
 Operator : JC/SP
 Sample : K5968-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-02-20191121

Quant Time: Nov 27 04:56:22 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	664387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1062941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	944048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	425459	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	383437	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
35) Dibromofluoromethane	5.49	113	318842	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	1260742	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.13	95	417452	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	

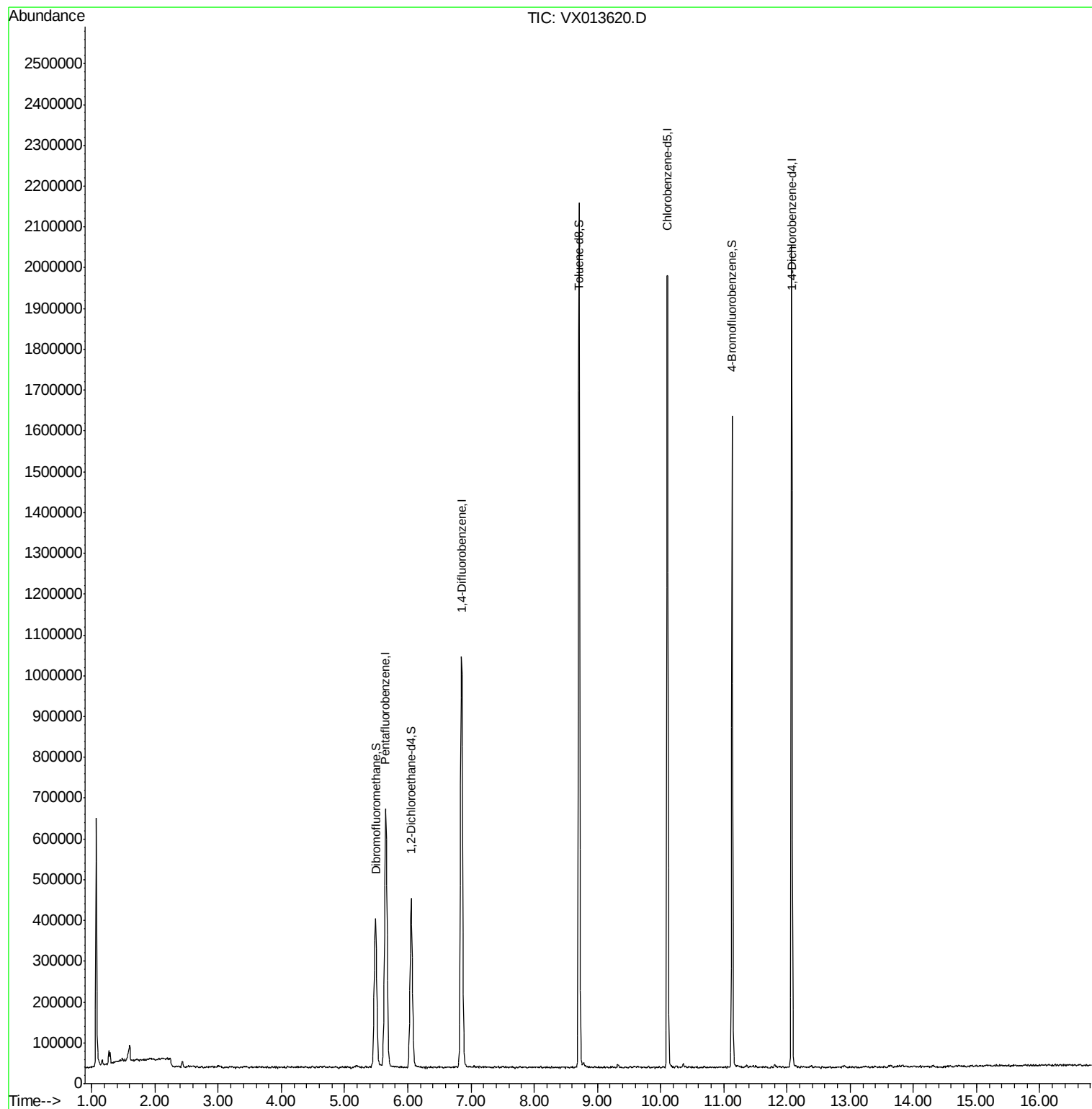
Target Compounds	Qvalue
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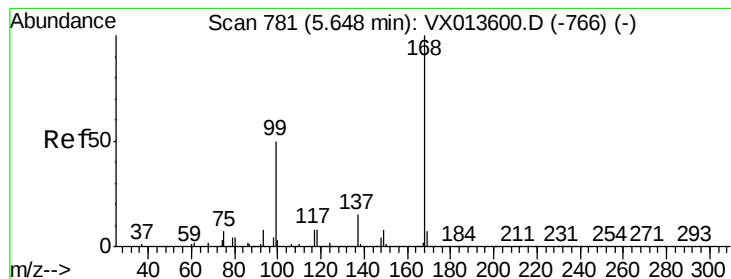
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013620.D

Acq: 27 Nov 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

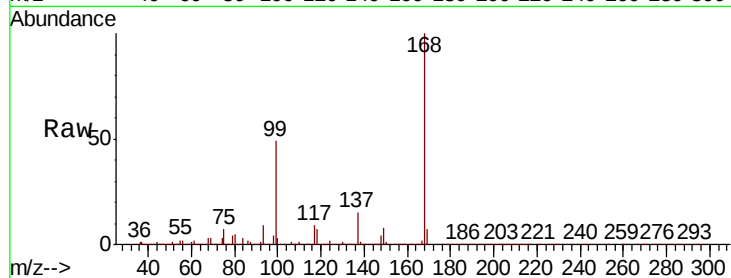
FB-02-20191121

Tot Ion:168 Resp: 664387

Ion Ratio Lower Upper

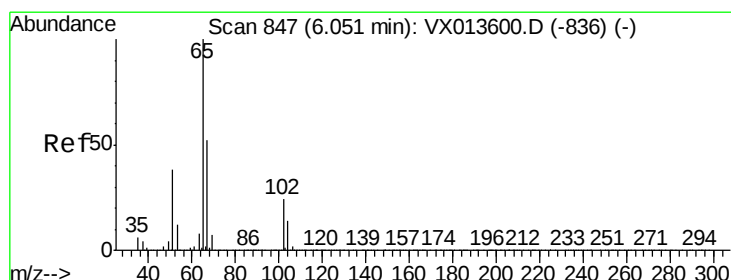
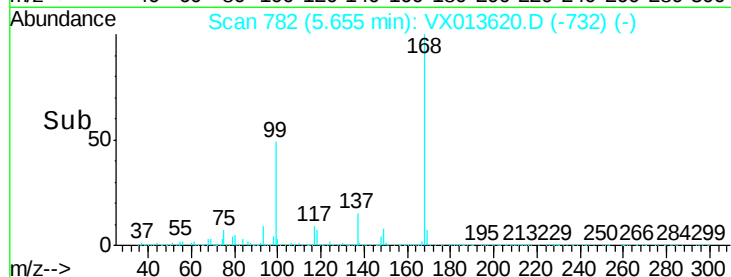
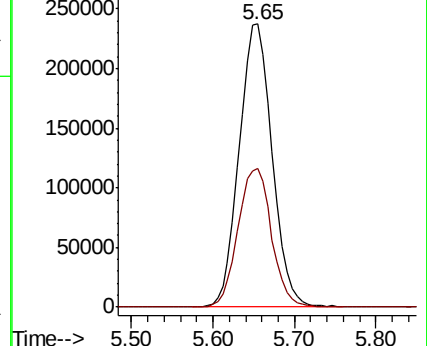
168 100

99 48.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.719 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013620.D

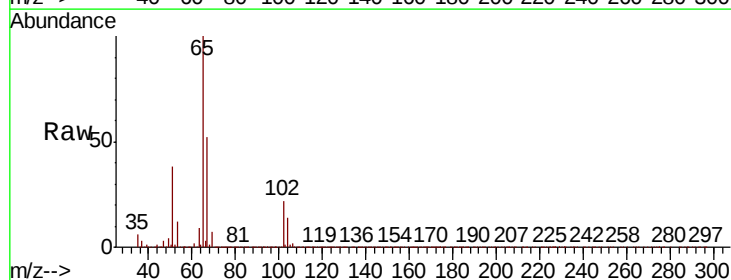
Acq: 27 Nov 2019 00:22

Tgt Ion: 65 Resp: 383437

Ion Ratio Lower Upper

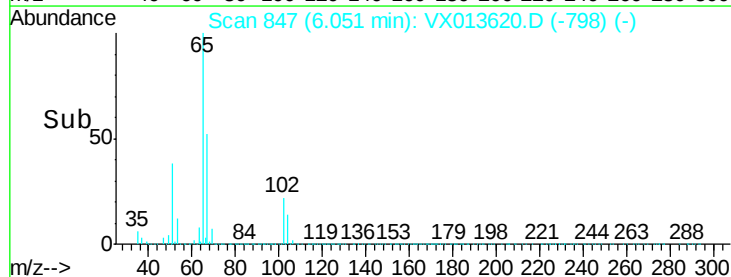
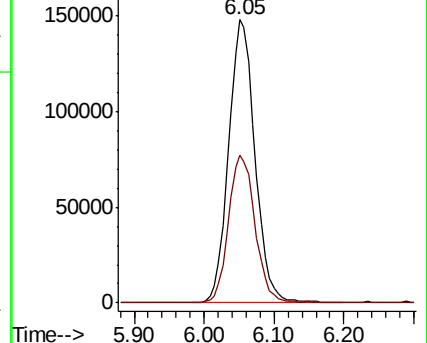
65 100

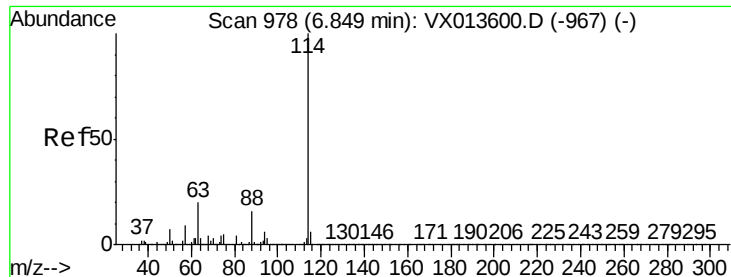
67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX013620.D

Acq: 27 Nov 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

FB-02-20191121

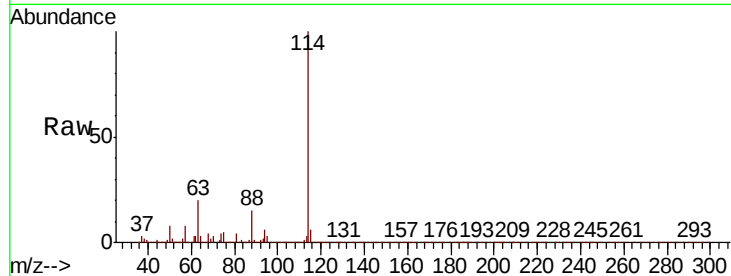
Tot Ion:114 Resp: 1062941

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

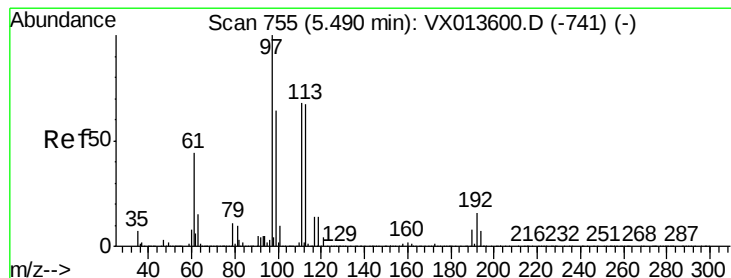
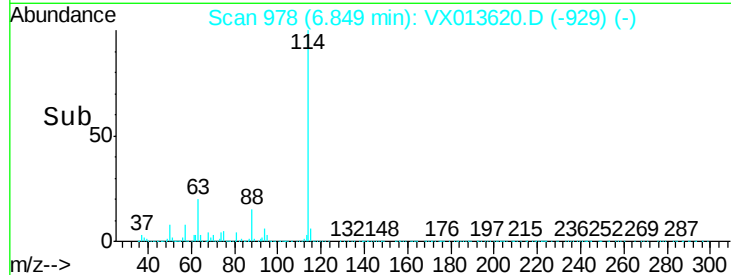
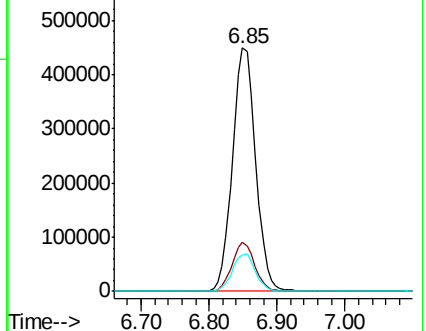
88 15.0 0.0 31.4



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: 48.521 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013620.D

Acq: 27 Nov 2019 00:22

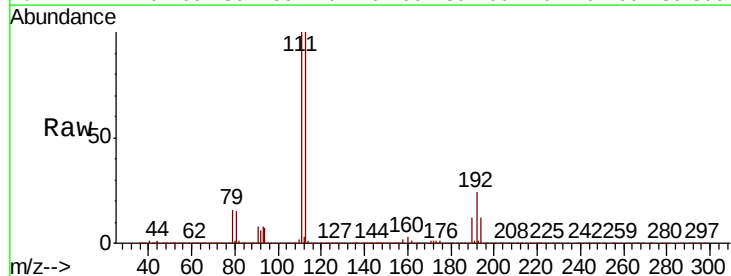
Tgt Ion:113 Resp: 318842

Ion Ratio Lower Upper

113 100

111 102.1 83.6 125.4

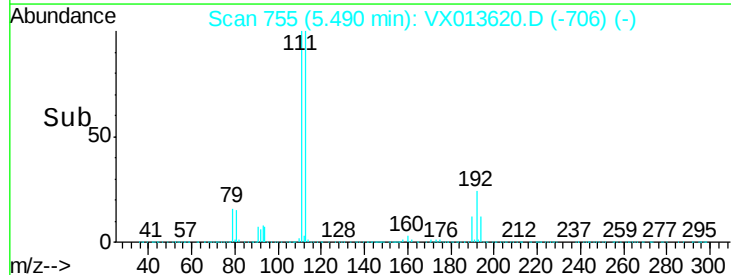
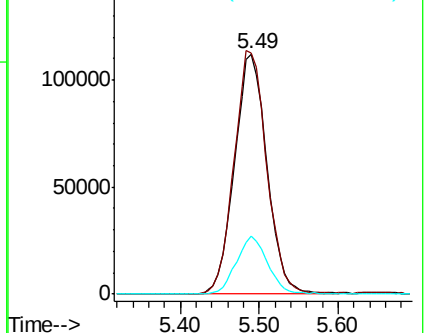
192 23.9 19.2 28.8

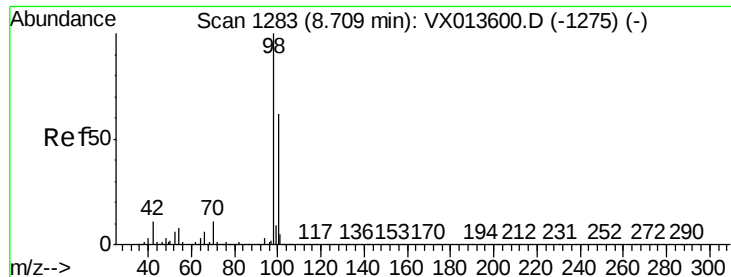


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.243 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013620.D

Acq: 27 Nov 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

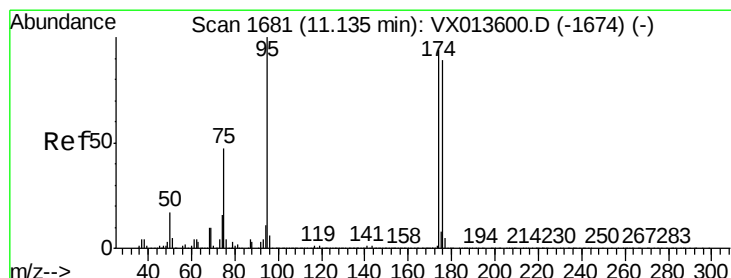
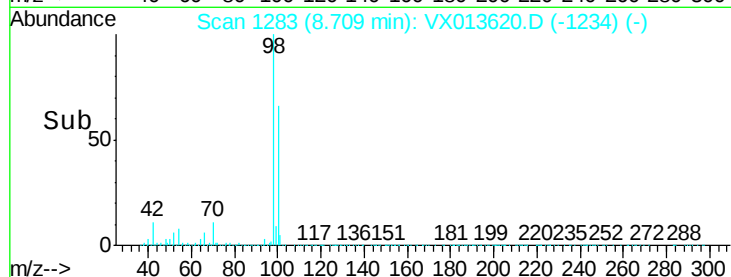
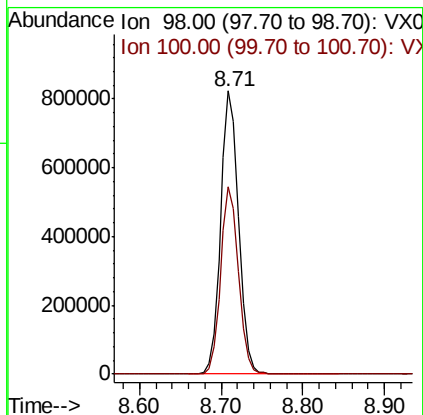
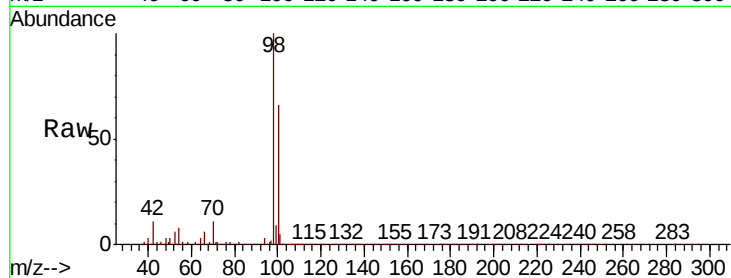
FB-02-20191121

Tot Ion: 98 Resp: 1260742

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.217 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013620.D

Acq: 27 Nov 2019 00:22

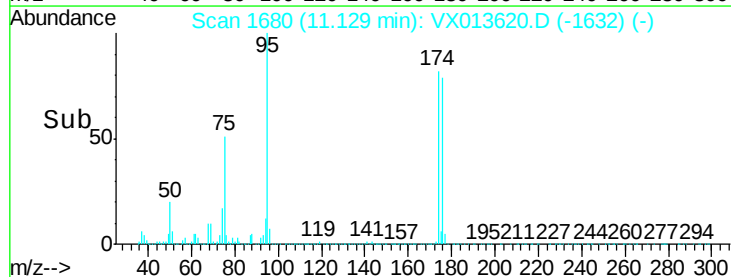
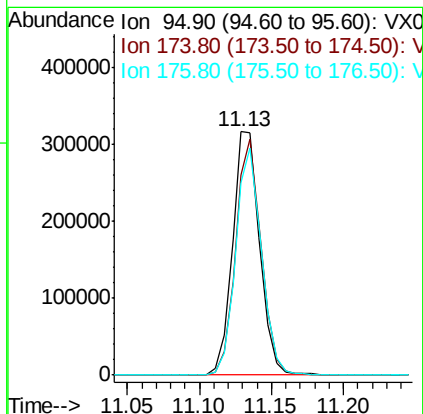
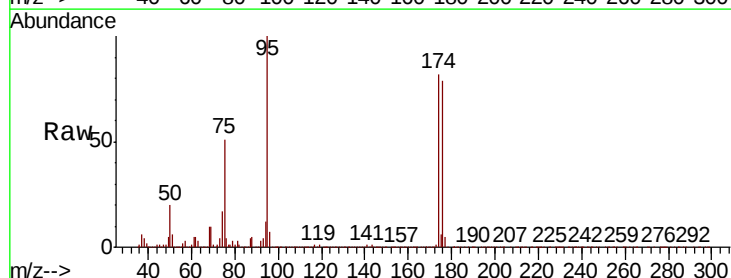
Tgt Ion: 95 Resp: 417452

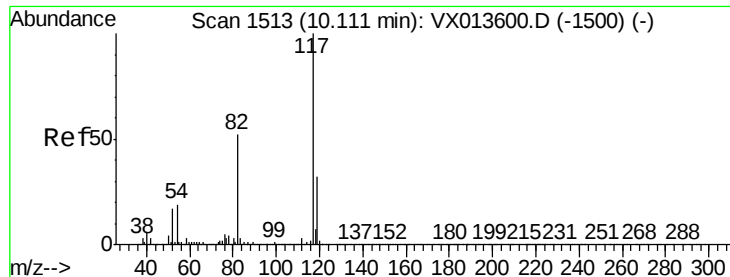
Ion Ratio Lower Upper

95 100

174 91.0 0.0 180.0

176 88.8 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: VX013620.D

Acq: 27 Nov 2019 00:22

Instrument :

MSVOA_X

ClientSampleId :

FB-02-20191121

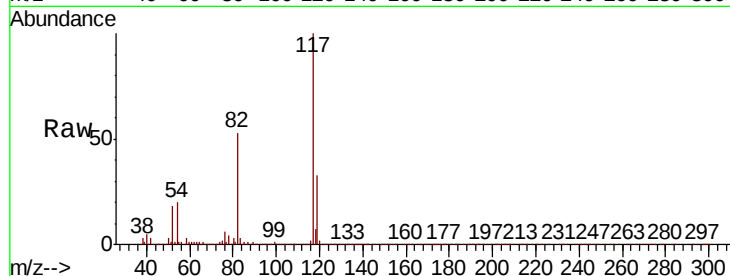
Tot Ion:117 Resp: 944048

Ion Ratio Lower Upper

117 100

82 53.4 41.8 62.8

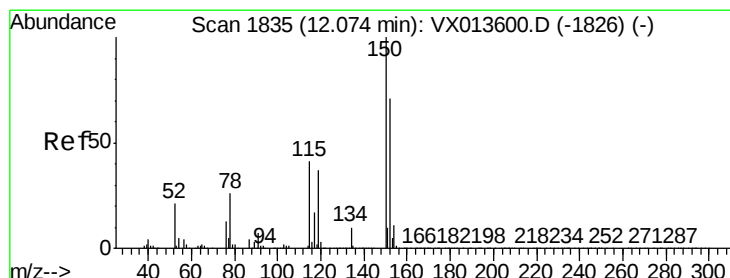
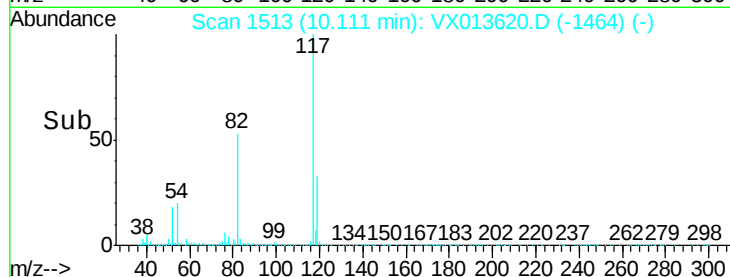
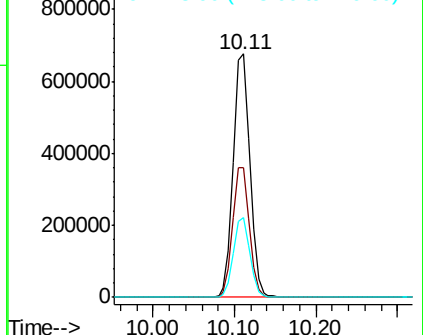
119 32.5 25.8 38.8



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013620.D

Acq: 27 Nov 2019 00:22

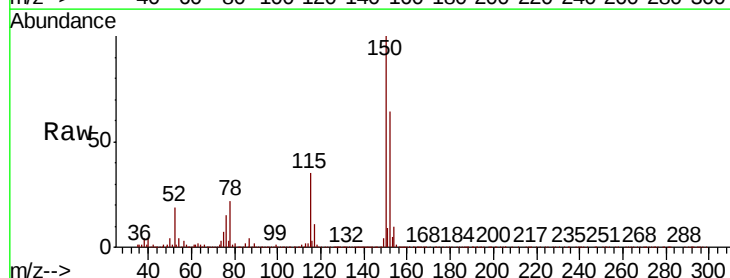
Tgt Ion:152 Resp: 425459

Ion Ratio Lower Upper

152 100

115 55.6 38.4 115.1

150 155.9 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

