

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091219\
 Data File : VX012365.D
 Acq On : 12 Sep 2019 23:31
 Operator : SY/SP
 Sample : K4757-02
 Misc : 7.67g/5.0mL/MSVOA X/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A-0-4

Quant Time: Sep 13 03:06:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

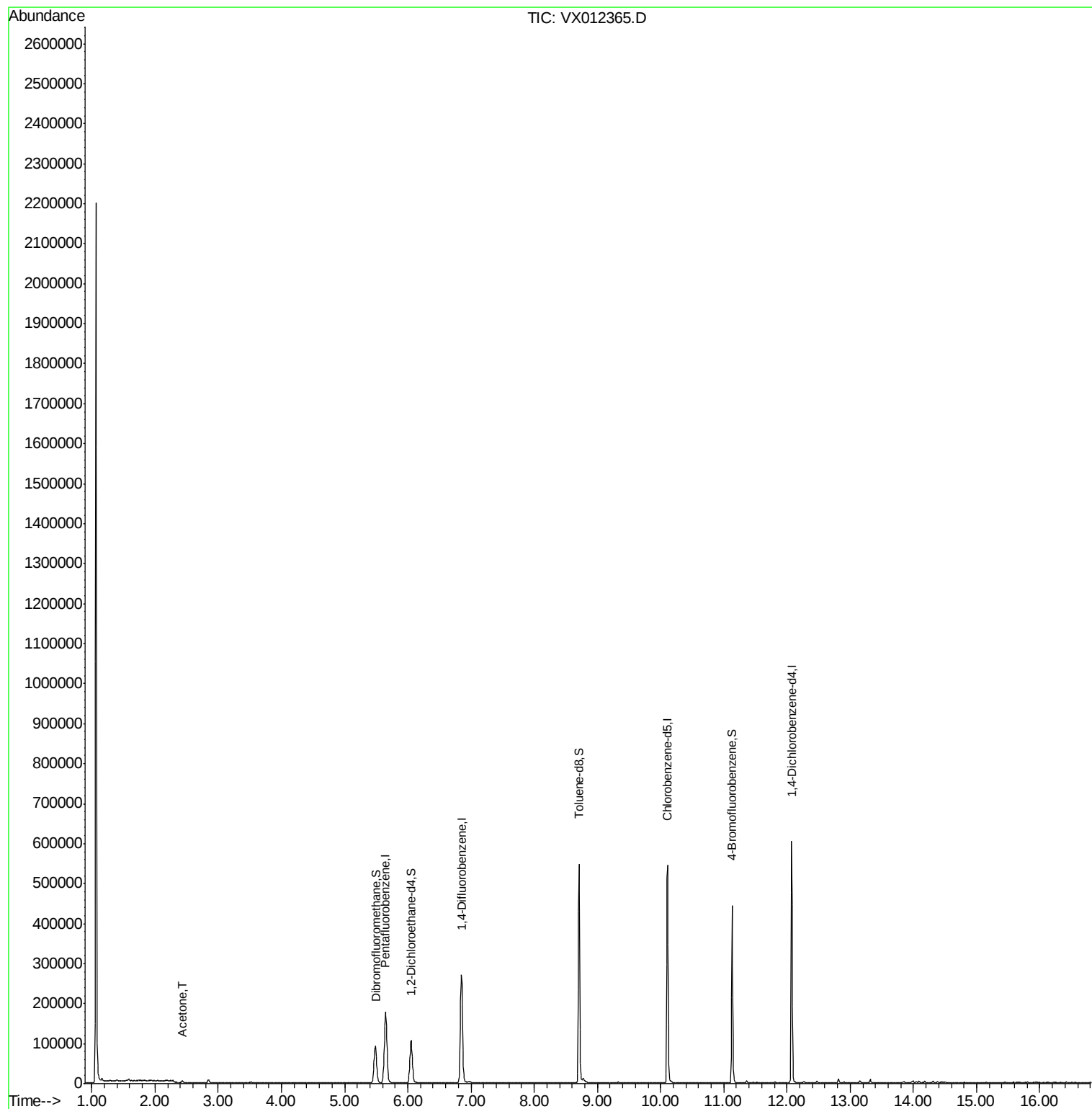
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	150401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	259500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	105558	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
35) Dibromofluoromethane	5.49	113	78631	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
50) Toluene-d8	8.71	98	312019	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
62) 4-Bromofluorobenzene	11.14	95	123571	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
Target Compounds						
16) Acetone	2.43	43	4766	9.468	ug/l	Qvalue 96

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

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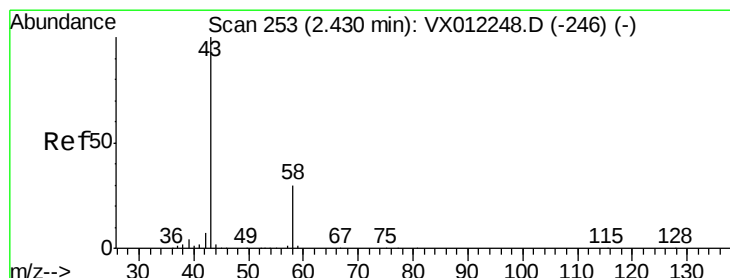
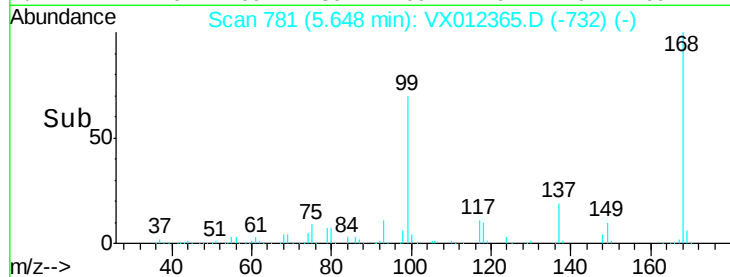
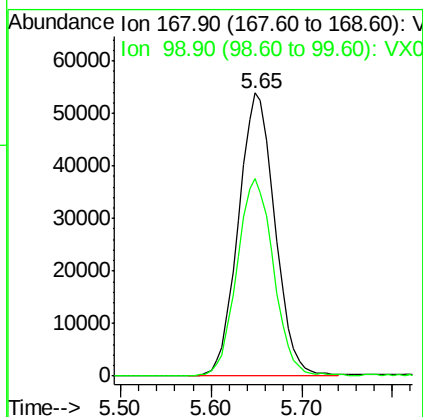
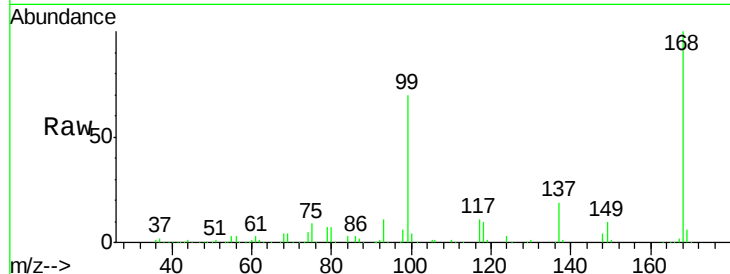




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012365.D
Acq: 12 Sep 2019 23:31

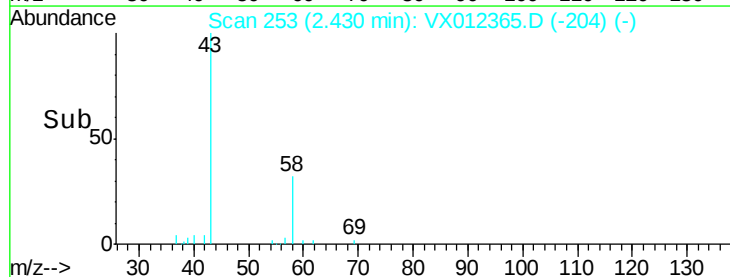
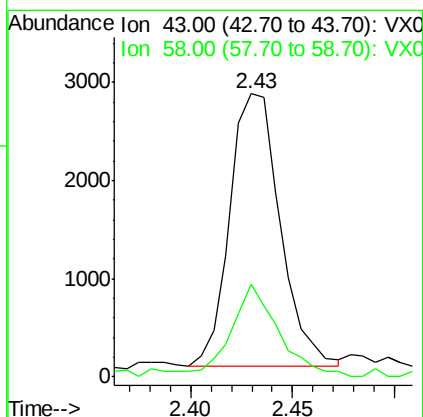
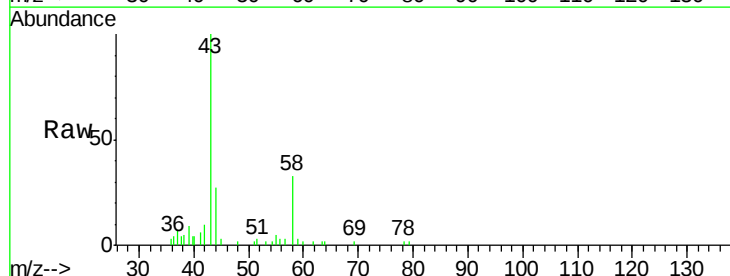
Instrument :
MSVOA_X
ClientSampleId :
A-0-4

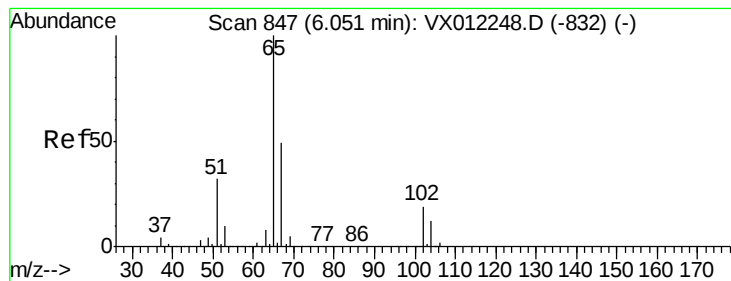
Tot Ion:168 Resp: 150401
Ion Ratio Lower Upper
168 100
99 69.7 55.8 83.6



#16
Acetone
Concen: 9.468 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012365.D
Acq: 12 Sep 2019 23:31

Tgt Ion: 43 Resp: 4766
Ion Ratio Lower Upper
43 100
58 31.7 23.6 35.4





#33

1,2-Dichloroethane-d4

Concen: 49.642 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012365.D

Acq: 12 Sep 2019 23:31

Instrument :

MSVOA_X

ClientSampleId :

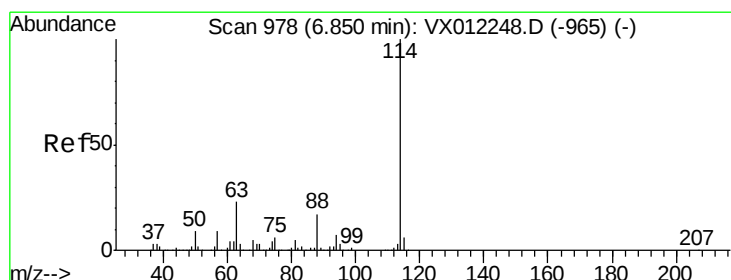
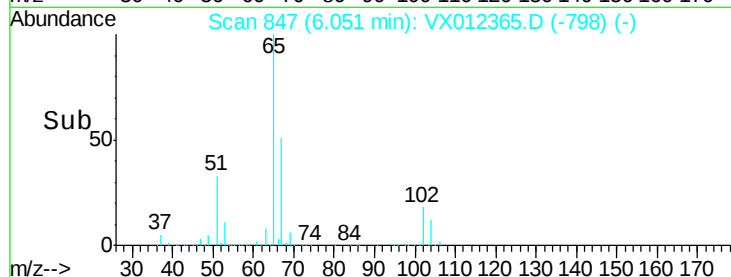
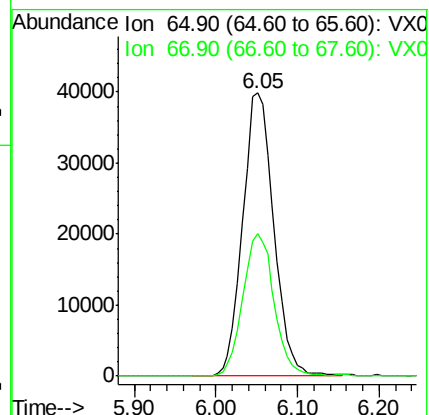
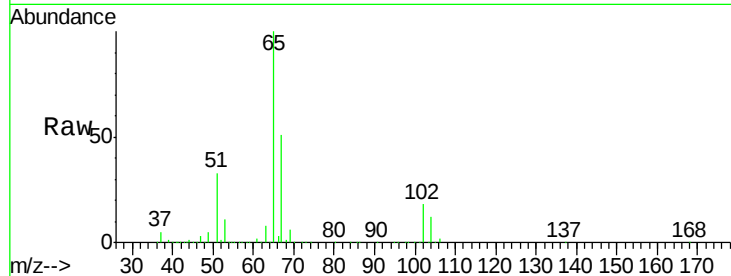
A-0-4

Tot Ion: 65 Resp: 105558

Ion Ratio Lower Upper

65 100

67 50.6 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012365.D

Acq: 12 Sep 2019 23:31

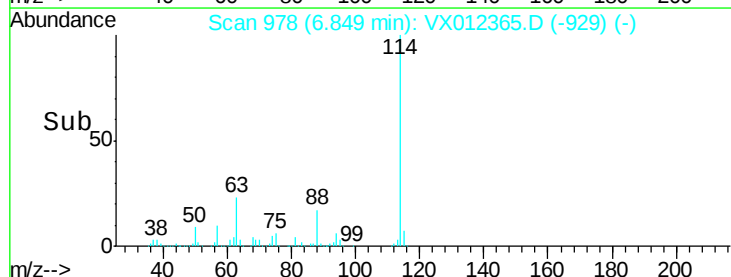
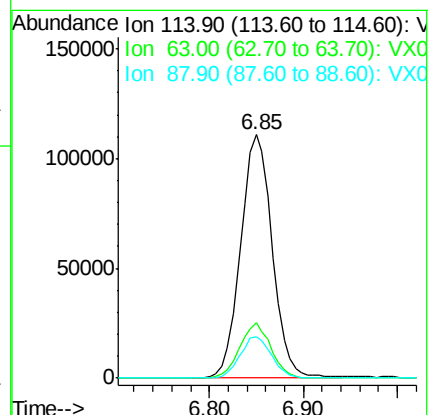
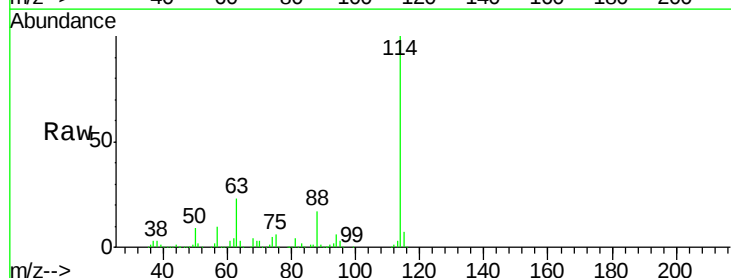
Tgt Ion: 114 Resp: 259500

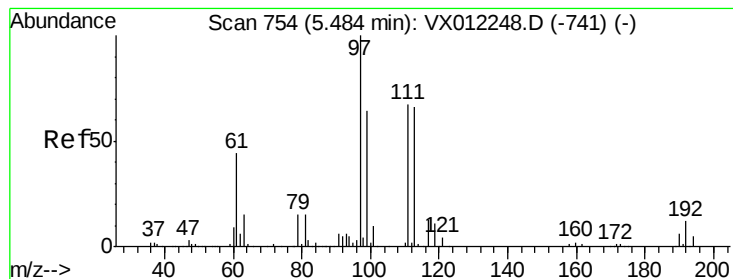
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.2

88 16.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.268 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012365.D

Acq: 12 Sep 2019 23:31

Instrument :

MSVOA_X

ClientSampled :

A-0-4

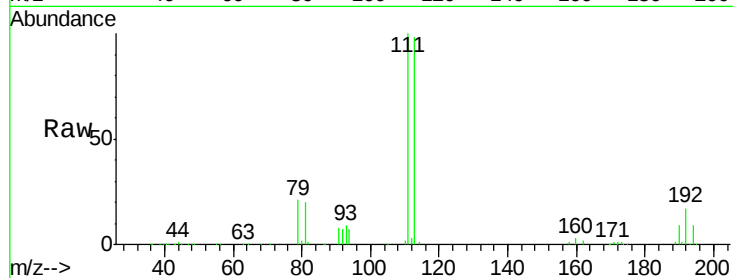
Tot Ion:113 Resp: 78631

Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.6

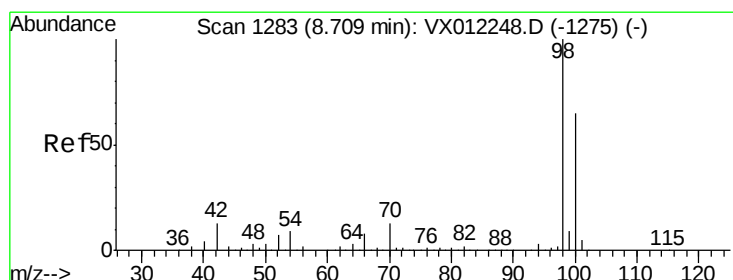
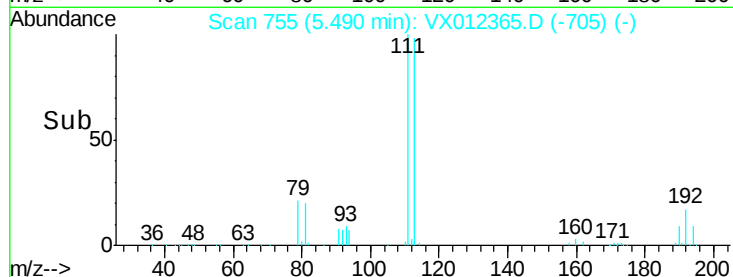
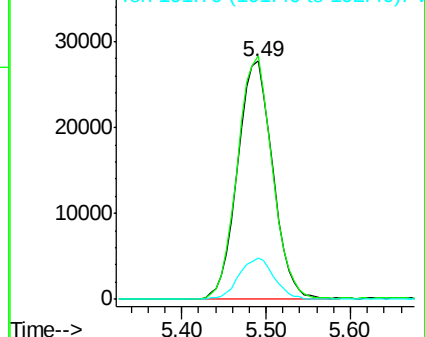
192 17.4 14.3 21.5



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: 53.478 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012365.D

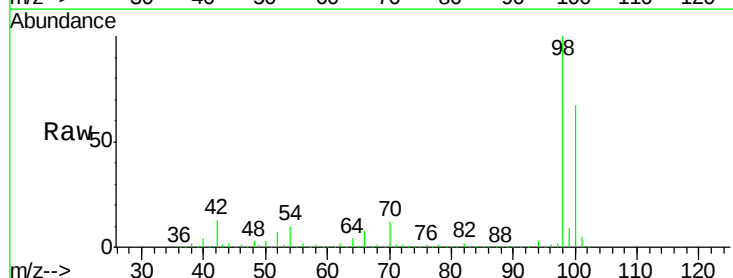
Acq: 12 Sep 2019 23:31

Tgt Ion: 98 Resp: 312019

Ion Ratio Lower Upper

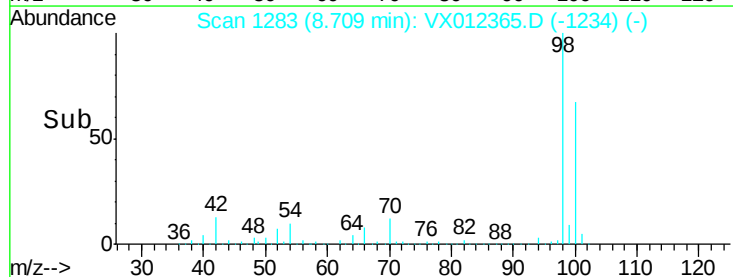
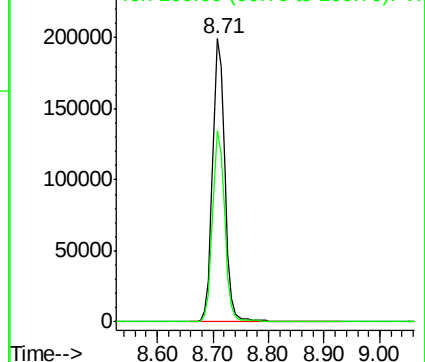
98 100

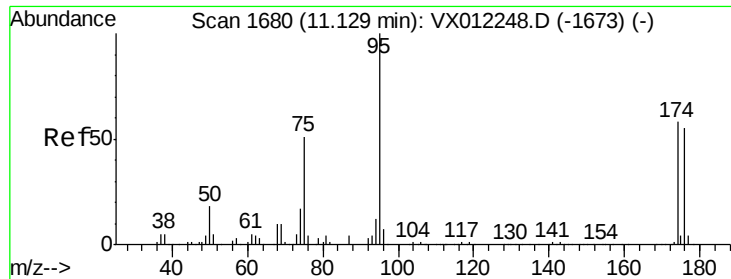
100 67.2 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.684 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012365.D

Acq: 12 Sep 2019 23:31

Instrument :

MSVOA_X

ClientSampled :

A-0-4

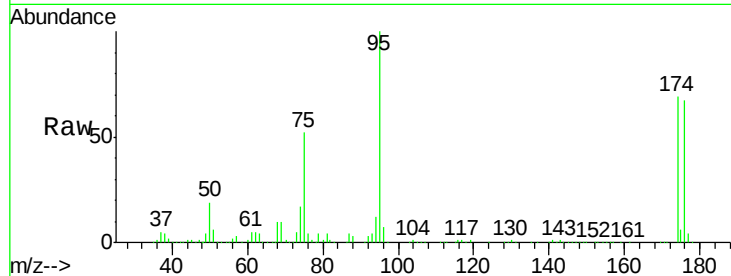
Tot Ion: 95 Resp: 123571

Ion Ratio Lower Upper

95 100

174 69.3 0.0 127.0

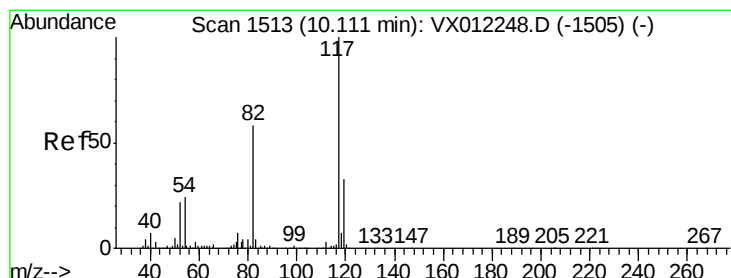
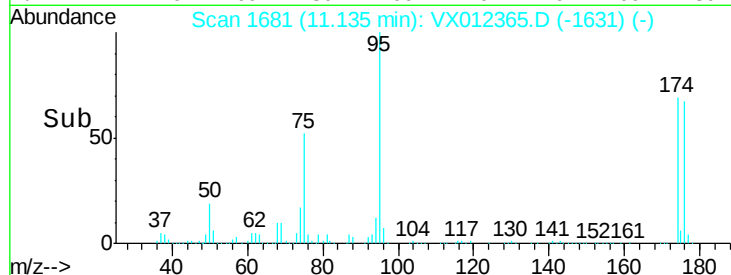
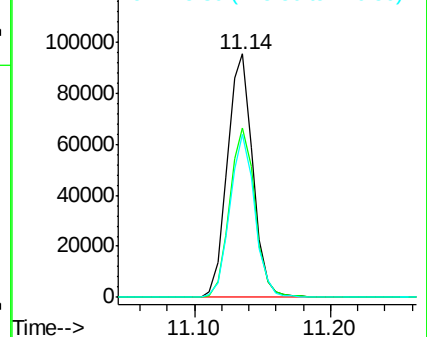
176 65.8 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012365.D

Acq: 12 Sep 2019 23:31

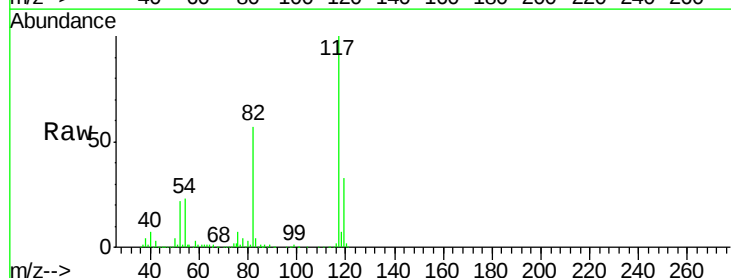
Tgt Ion: 117 Resp: 238197

Ion Ratio Lower Upper

117 100

82 56.9 46.4 69.6

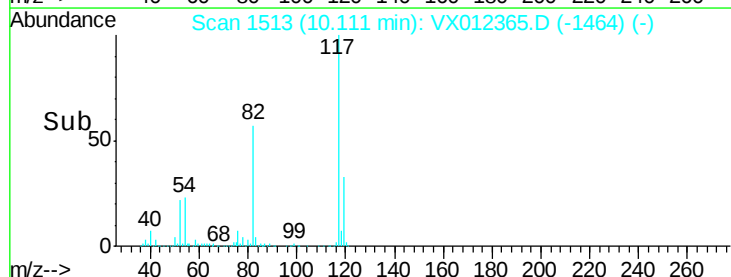
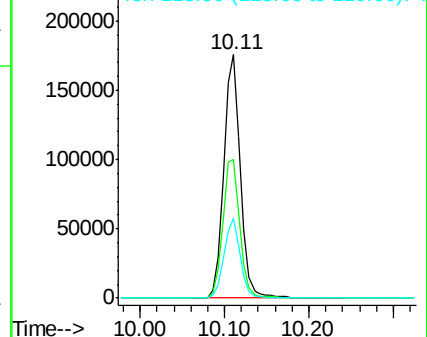
119 32.6 26.6 39.8

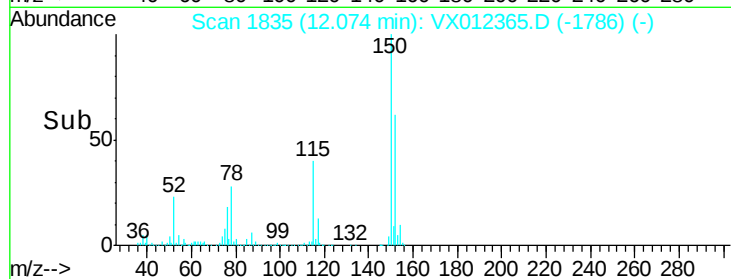
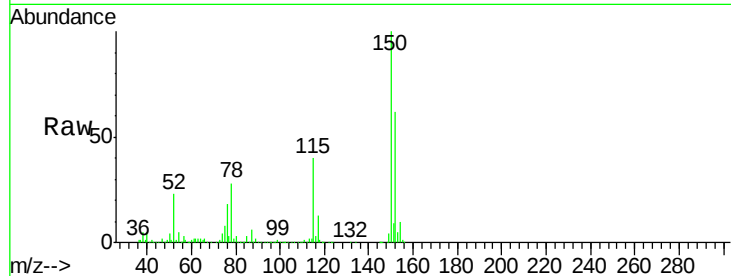
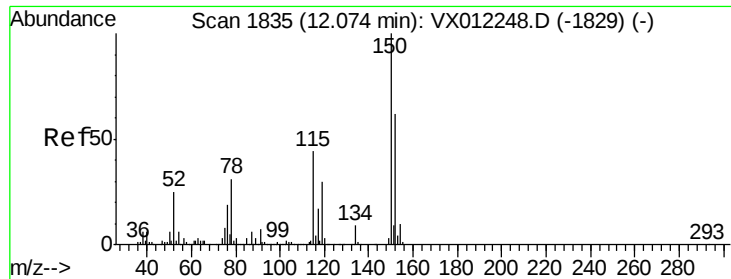


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX012365.D

Acq: 12 Sep 2019 23:31

Instrument :

MSVOA_X

ClientSampleId :

A-0-4

Tot Ion:152 Resp: 111165

Ion Ratio Lower Upper

152 100

115 66.0 45.5 136.4

150 162.1 0.0 346.4

