

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011115.D
 Acq On : 27 Jul 2019 01:56
 Operator : JC/SP
 Sample : K4017-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0101

Quant Time: Jul 27 04:40:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

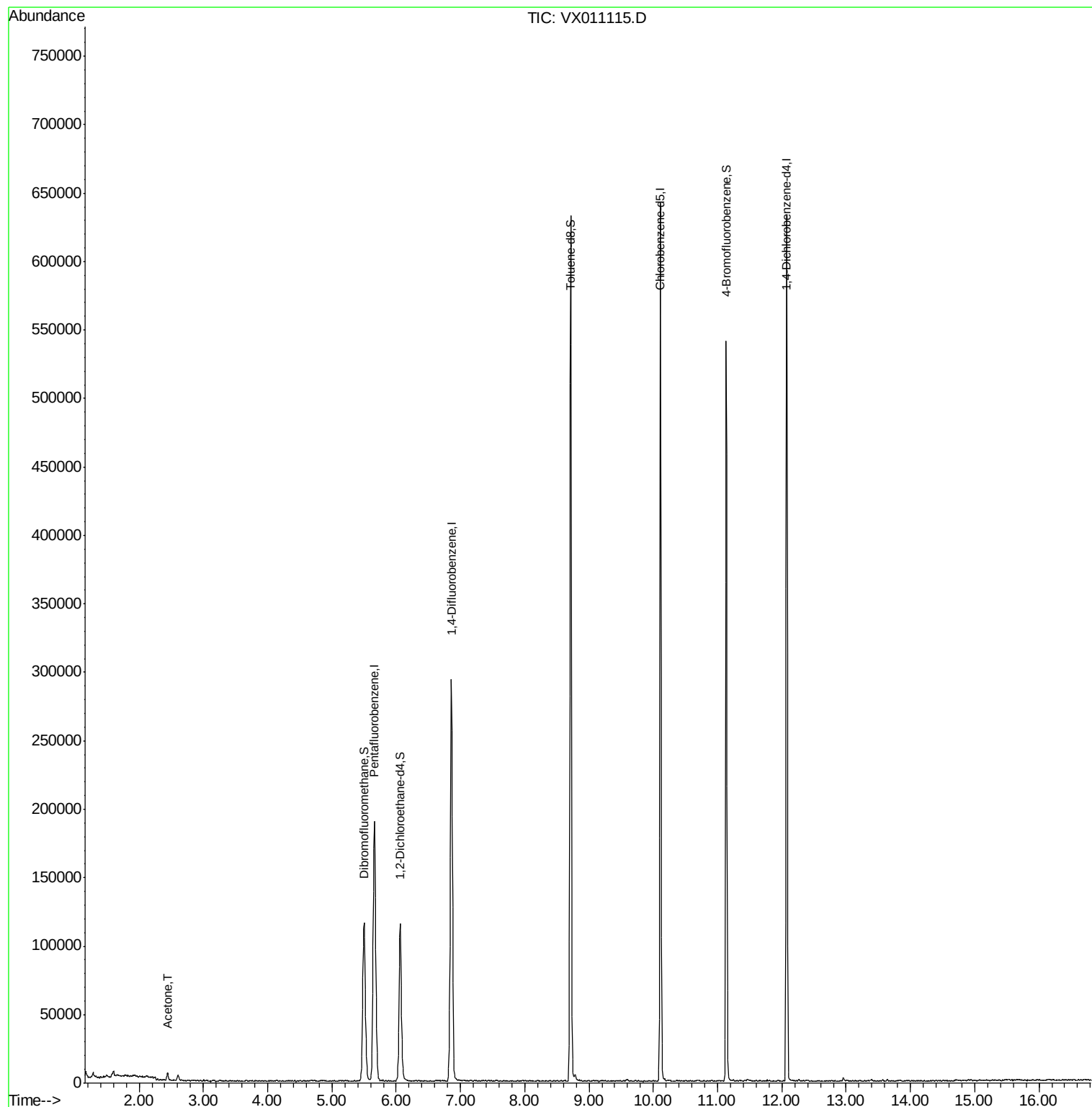
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	190671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309167	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	287809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105814	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
35) Dibromofluoromethane	5.50	113	96531	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	8.71	98	371273	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	130000	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
Target Compounds						
16) Acetone	2.44	43	5880	6.418	ug/l	99

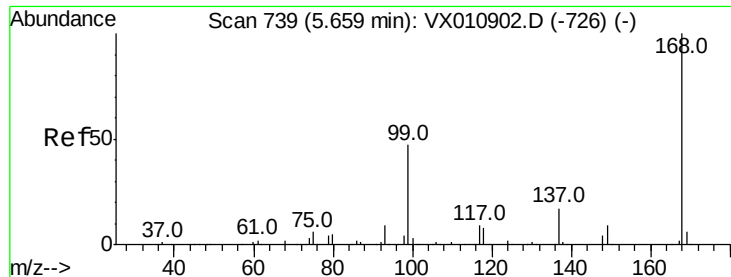
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011115.D

Acq: 27 Jul 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

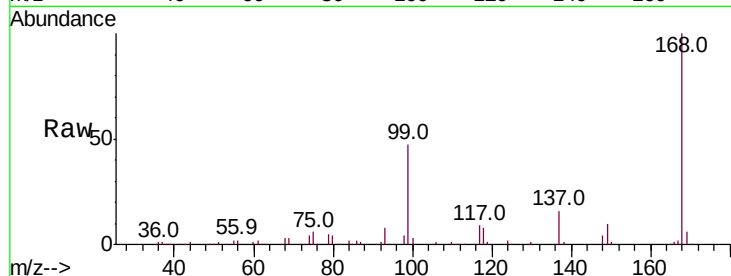
SU19-MSW0101

Tot Ion:168 Resp: 190671

Ion Ratio Lower Upper

168 100

99 47.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

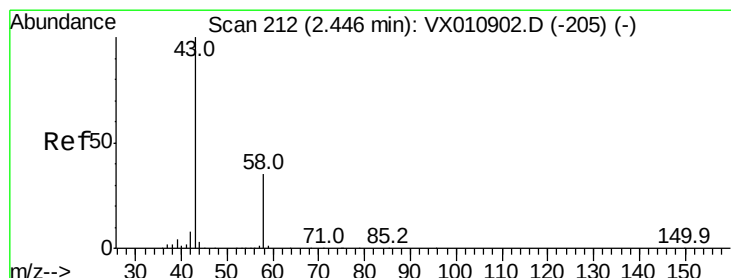
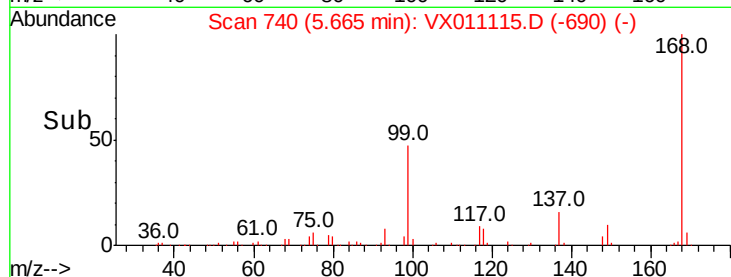
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 6.418 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011115.D

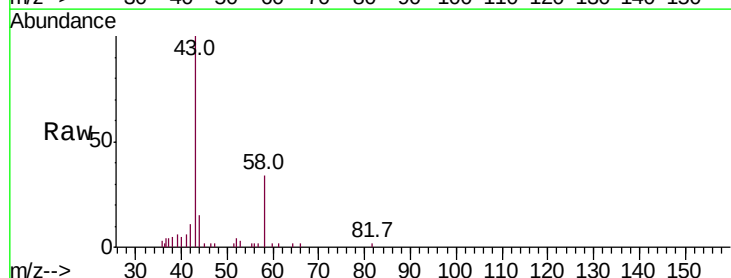
Acq: 27 Jul 2019 01:56

Tgt Ion: 43 Resp: 5880

Ion Ratio Lower Upper

43 100

58 34.3 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

3000

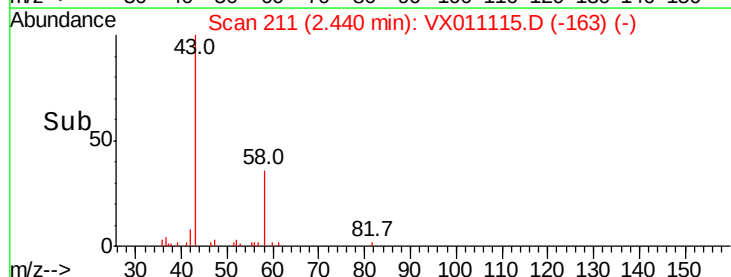
2000

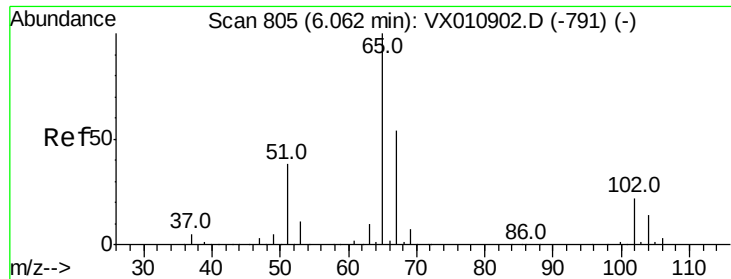
1000

0

Time-->

2.35 2.40 2.45 2.50

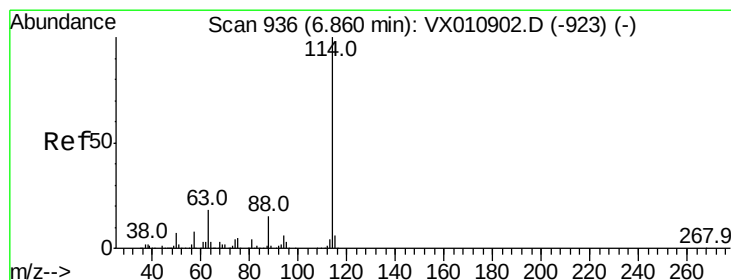
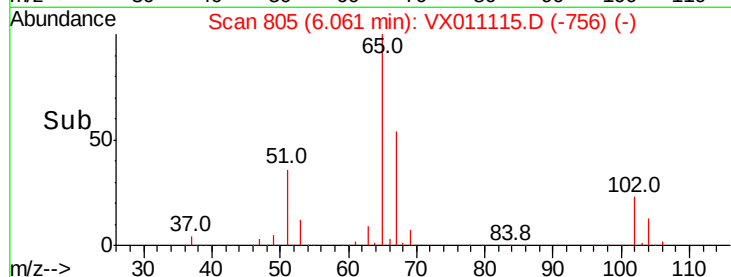
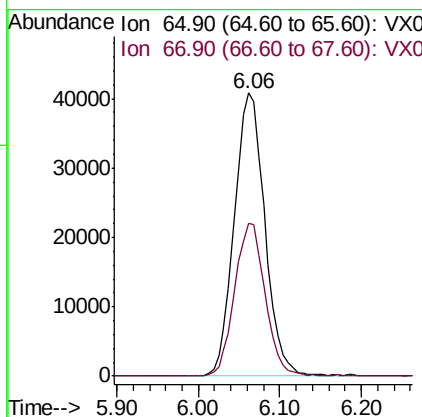
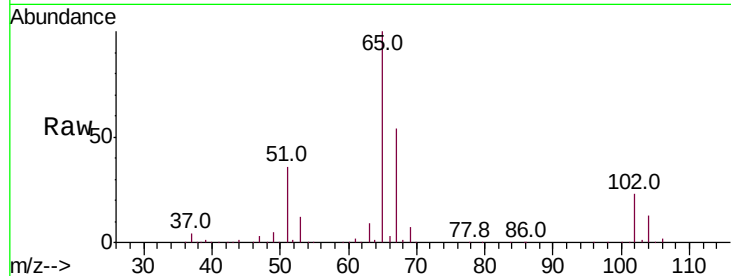




#33
 1,2-Dichloroethane-d4
 Concen: 52.165 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011115.D
 Acq: 27 Jul 2019 01:56

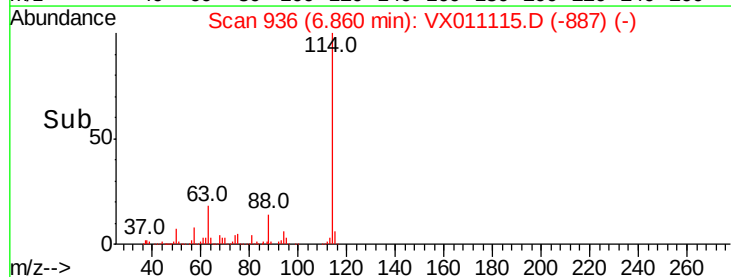
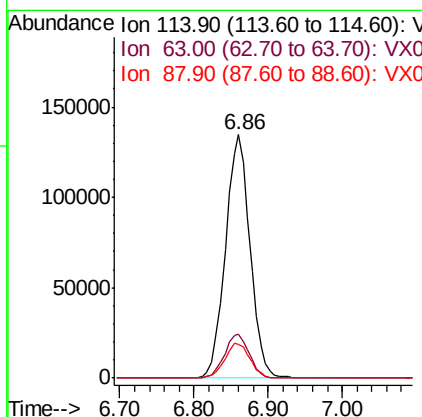
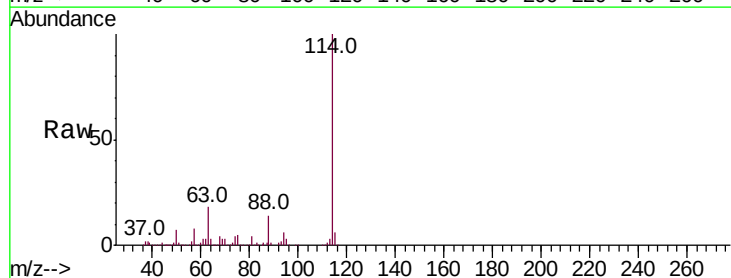
Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0101

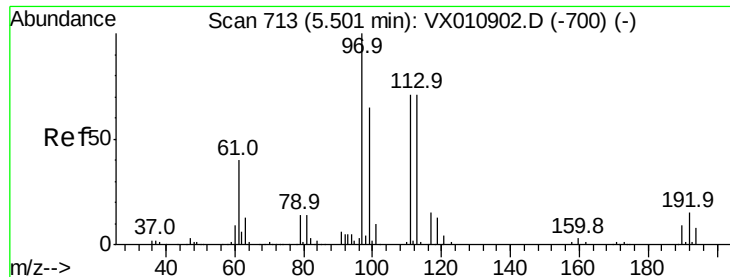
Tot Ion: 65 Resp: 105814
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011115.D
 Acq: 27 Jul 2019 01:56

Tgt Ion: 114 Resp: 309167
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.6
 88 14.1 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.192 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011115.D

Acq: 27 Jul 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0101

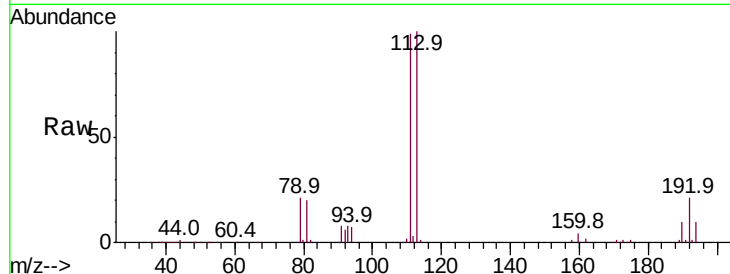
Tot Ion:113 Resp: 96531

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

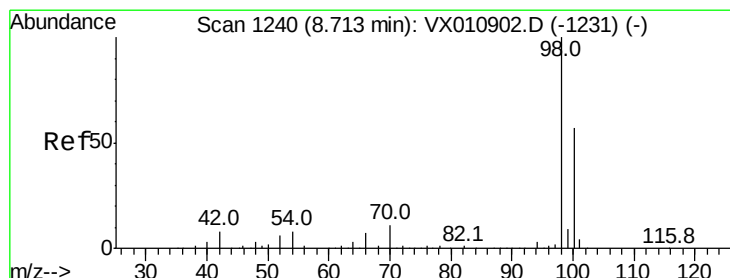
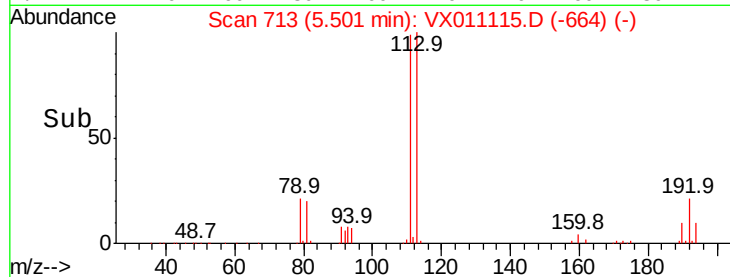
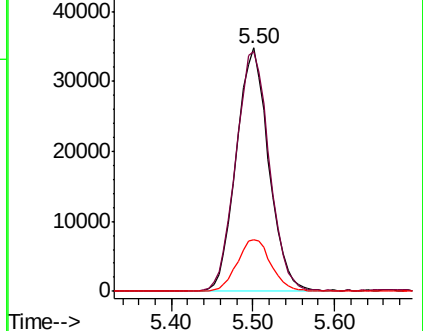
192 22.1 17.4 26.2



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: 50.444 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011115.D

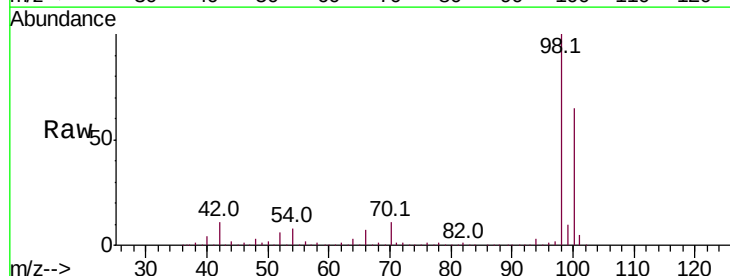
Acq: 27 Jul 2019 01:56

Tgt Ion: 98 Resp: 371273

Ion Ratio Lower Upper

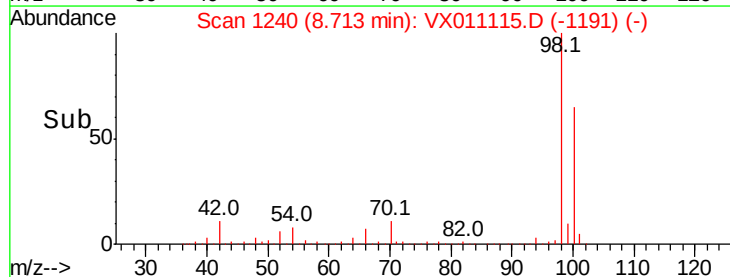
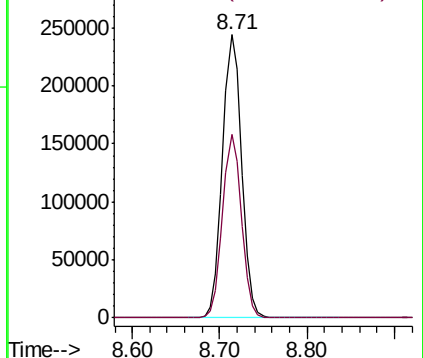
98 100

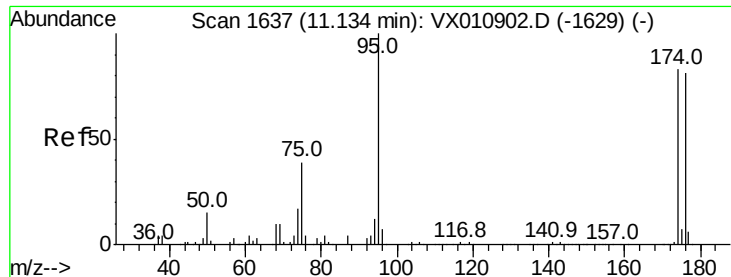
100 63.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.053 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011115.D

Acq: 27 Jul 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0101

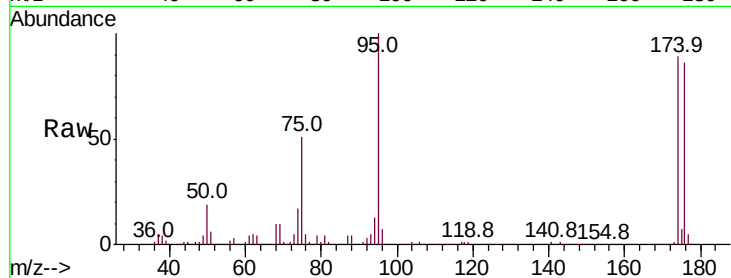
Tot Ion: 95 Resp: 130000

Ion Ratio Lower Upper

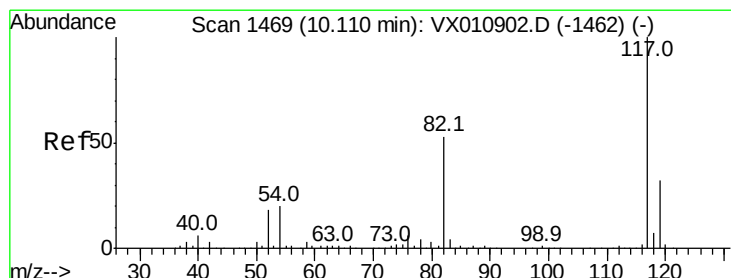
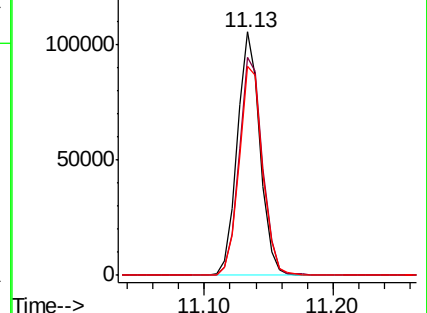
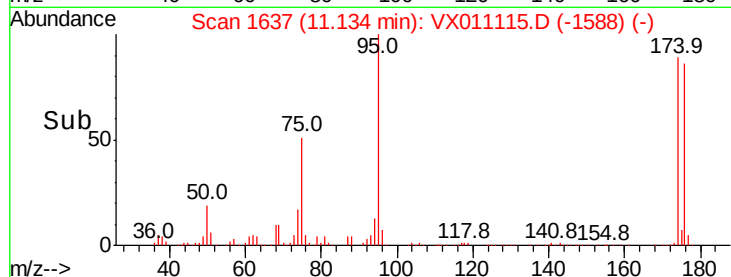
95 100

174 91.8 0.0 180.6

176 88.7 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011115.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011115.D

Acq: 27 Jul 2019 01:56

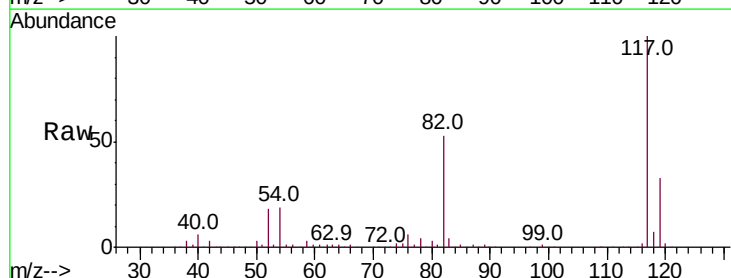
Tgt Ion: 117 Resp: 287809

Ion Ratio Lower Upper

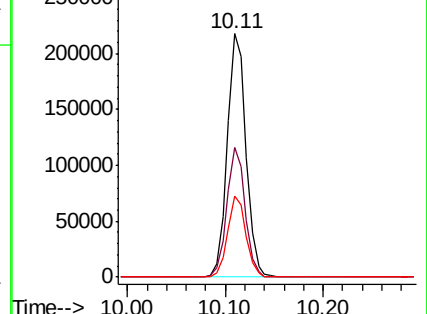
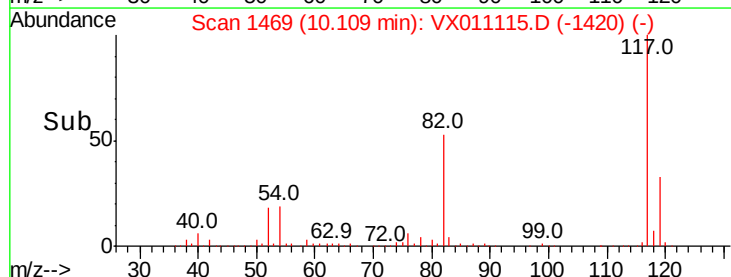
117 100

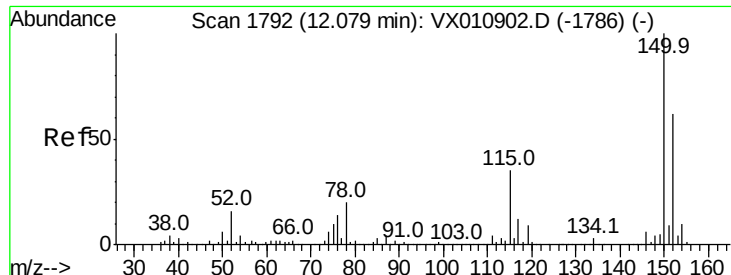
82 53.3 42.6 63.8

119 33.0 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011115.D (-1420) (-)

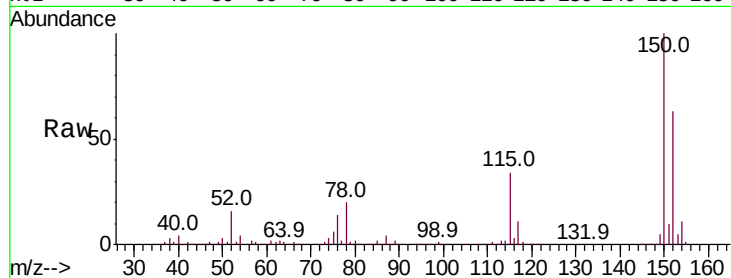




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011115.D
 Acq: 27 Jul 2019 01:56

Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0101

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.7	119.1
150	156.1	0.0	345.6



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

