

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009598.D
 Acq On : 16 May 2019 11:40
 Operator : JC/SP
 Sample : K2857-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: May 17 06:49:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

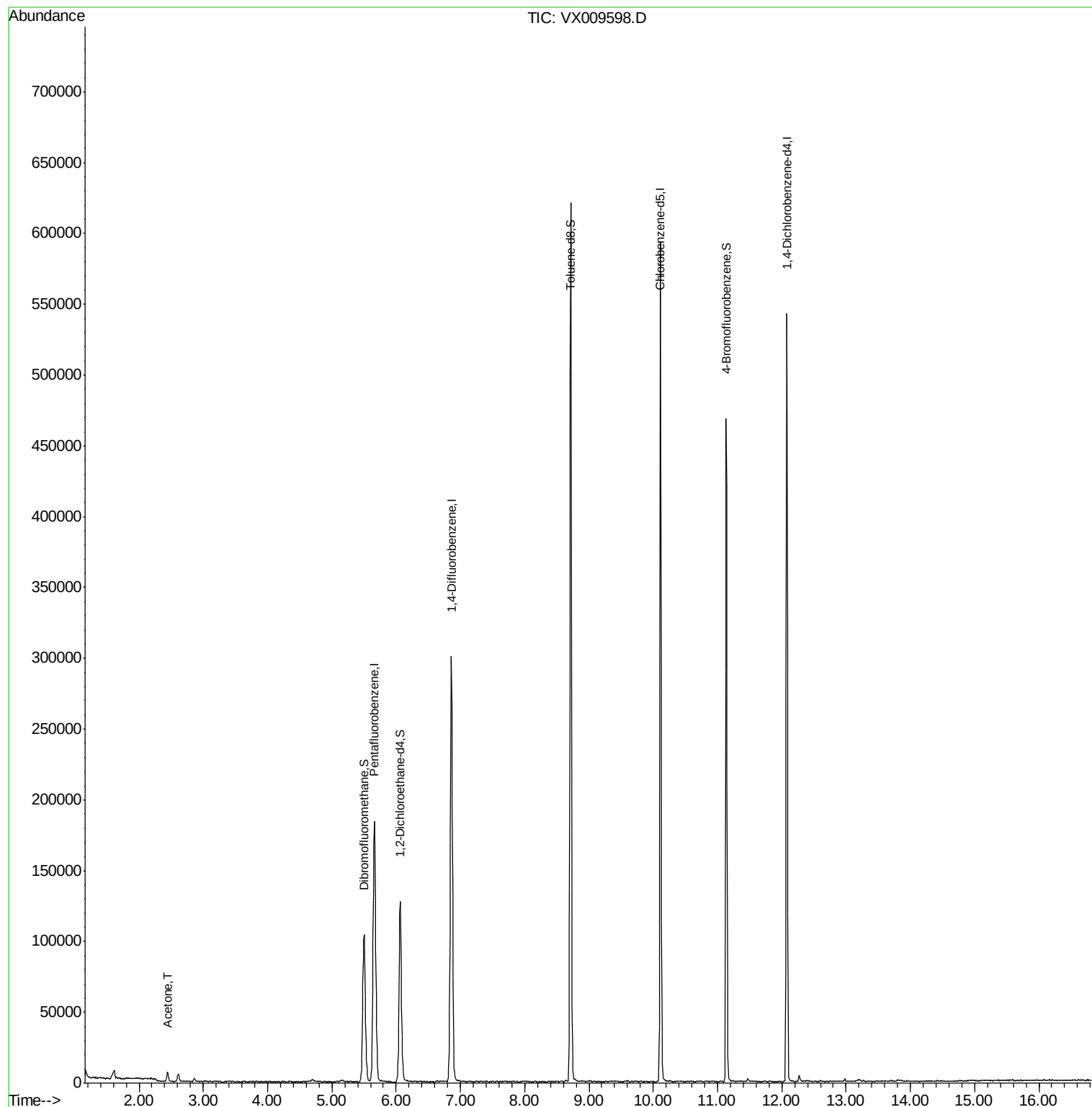
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	181135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290566	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120674	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
35) Dibromofluoromethane	5.50	113	88630	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	363052	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.13	95	120315	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
Target Compounds						
16) Acetone	2.44	43	7464	5.622	ug/l	Qvalue 96

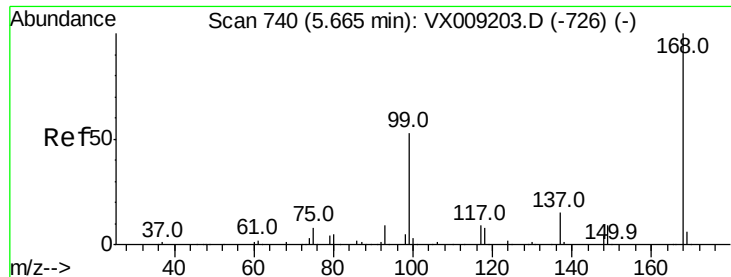
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009598.D

Acq: 16 May 2019 11:40

Instrument :

MSVOA_X

ClientSampled :

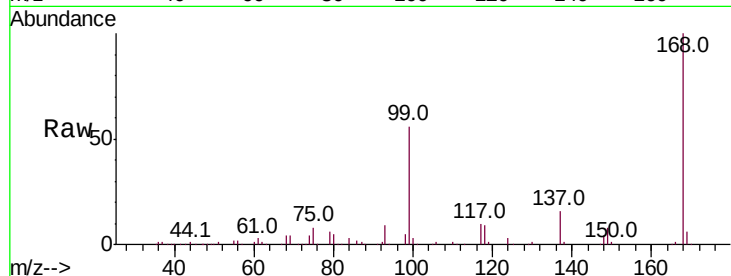
TB

Tot Ion:168 Resp: 181135

Ion Ratio Lower Upper

168 100

99 56.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

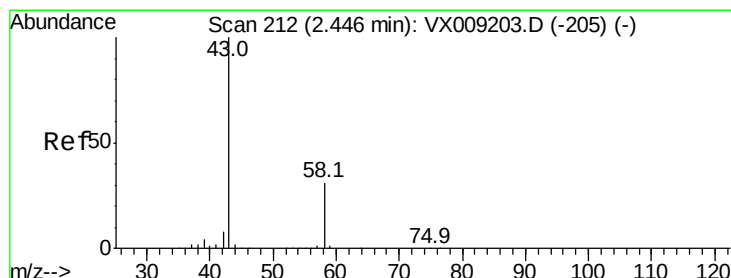
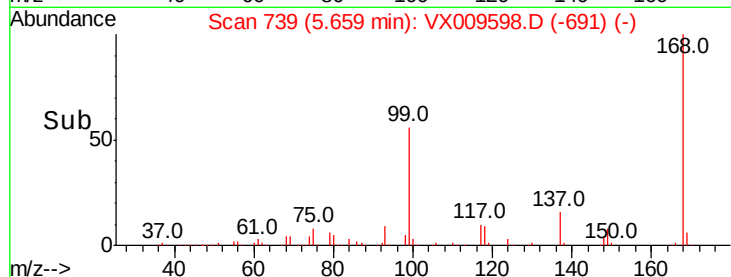
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 5.622 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009598.D

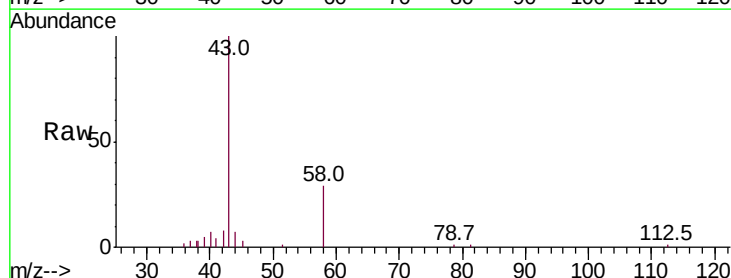
Acq: 16 May 2019 11:40

Tgt Ion: 43 Resp: 7464

Ion Ratio Lower Upper

43 100

58 29.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

5000

4000

3000

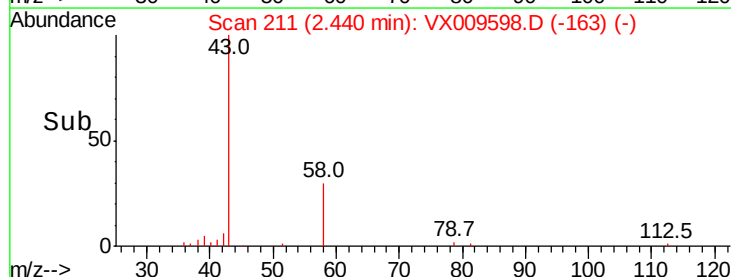
2000

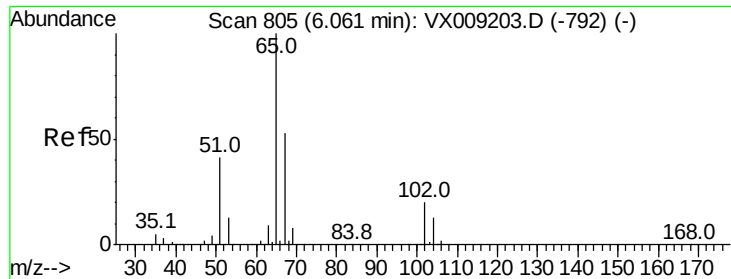
1000

0

Time-->

2.35 2.40 2.45 2.50

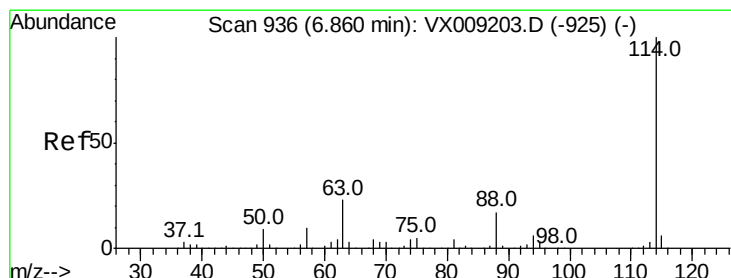
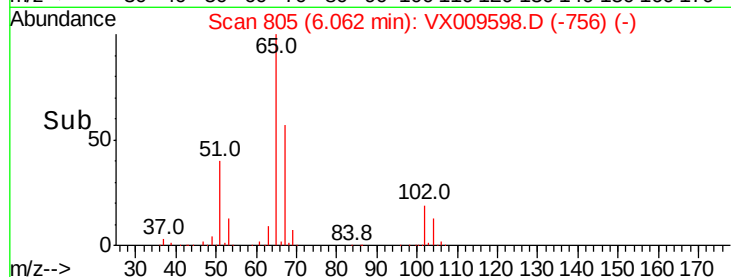
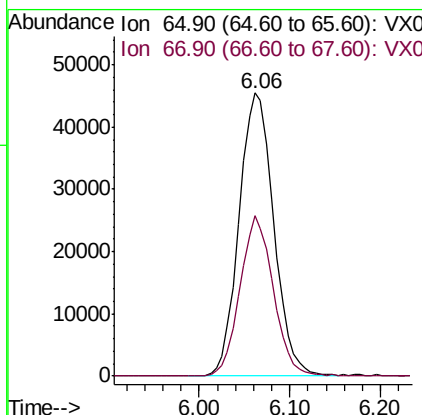
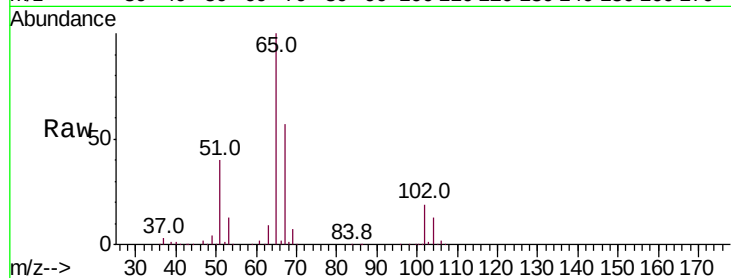




#33
 1,2-Dichloroethane-d4
 Concen: 48.802 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009598.D
 Acq: 16 May 2019 11:40

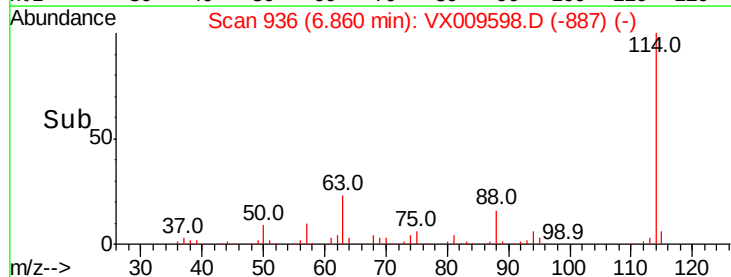
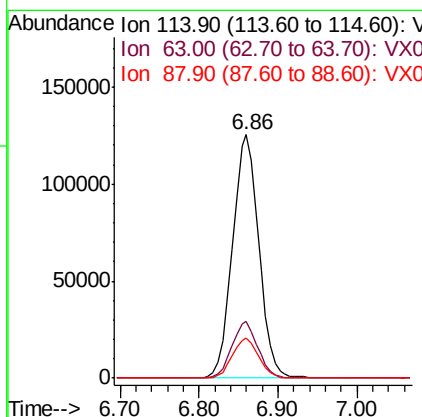
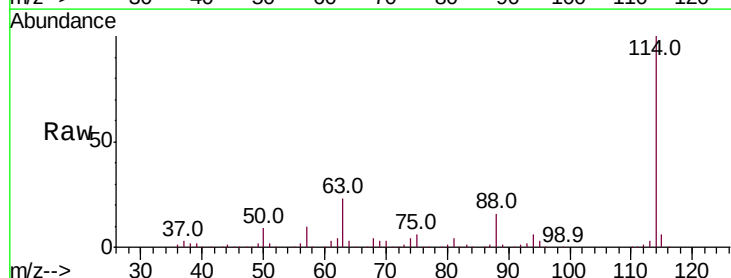
Instrument :
 MSVOA_X
 ClientSampled :
 TB

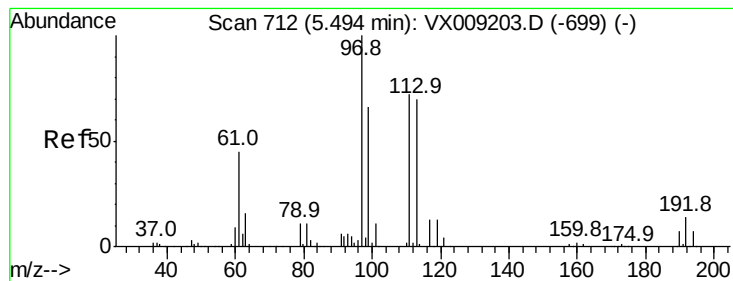
Tot Ion: 65 Resp: 120674
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009598.D
 Acq: 16 May 2019 11:40

Tgt Ion: 114 Resp: 290566
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.6
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.521 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009598.D

Acq: 16 May 2019 11:40

Instrument :

MSVOA_X

ClientSampleId :

TB

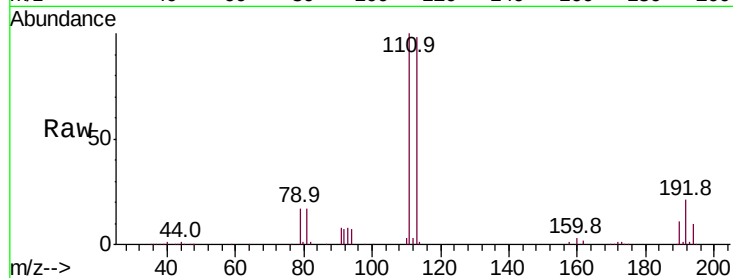
Tot Ion:113 Resp: 88630

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

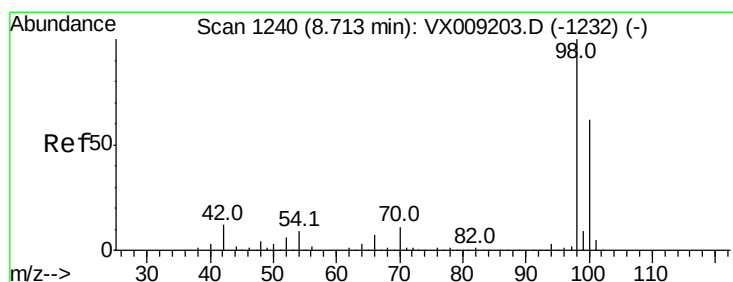
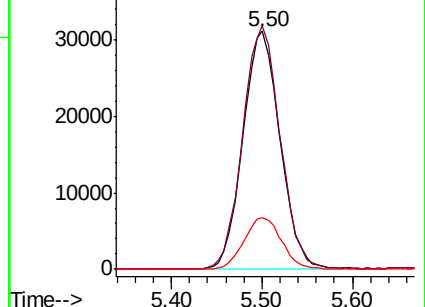
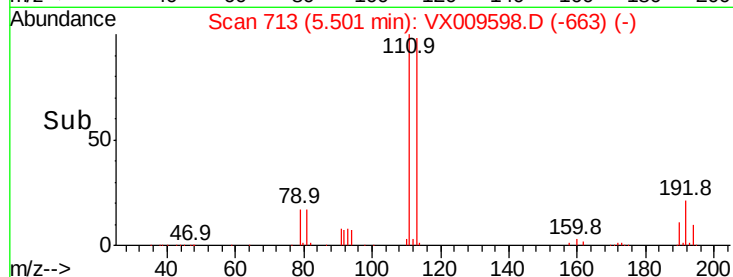
192 22.0 17.0 25.6



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: 49.231 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009598.D

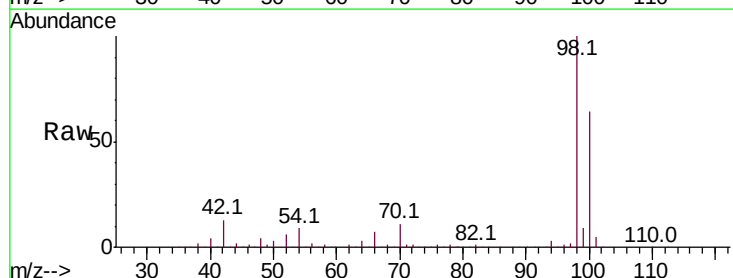
Acq: 16 May 2019 11:40

Tgt Ion: 98 Resp: 363052

Ion Ratio Lower Upper

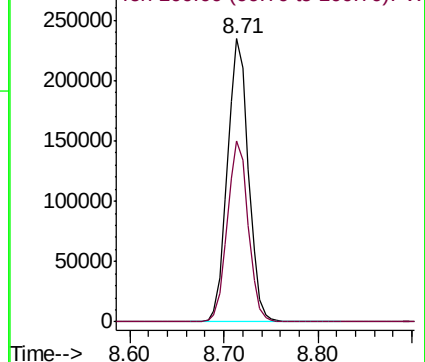
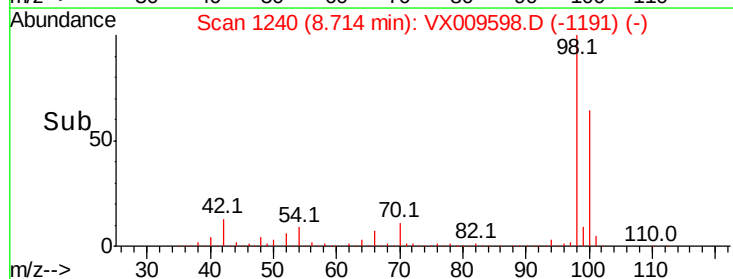
98 100

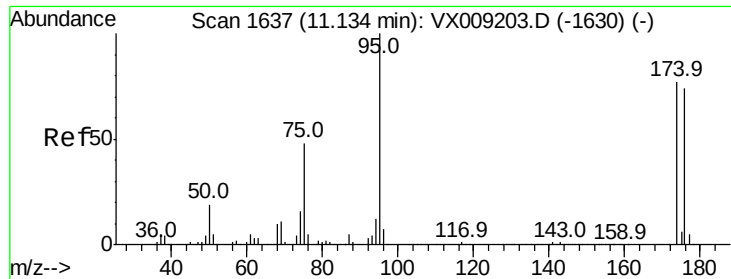
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.900 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009598.D

Acq: 16 May 2019 11:40

Instrument :

MSVOA_X

ClientSampled :

TB

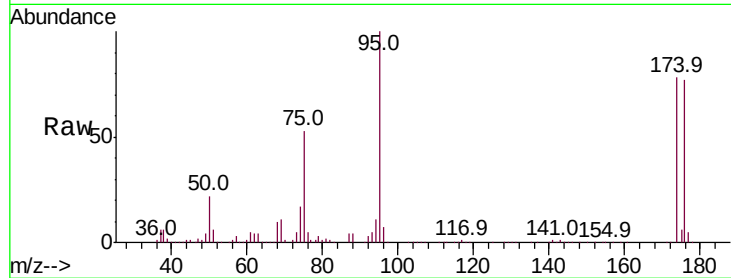
Tot Ion: 95 Resp: 120315

Ion Ratio Lower Upper

95 100

174 82.5 0.0 161.6

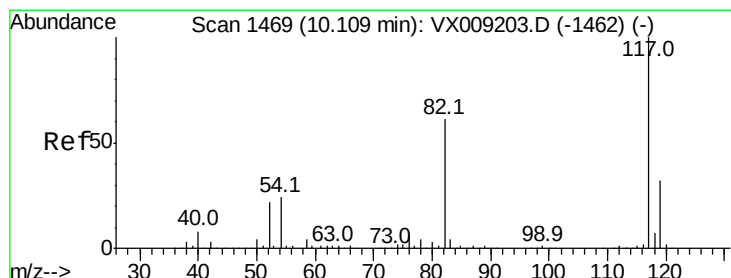
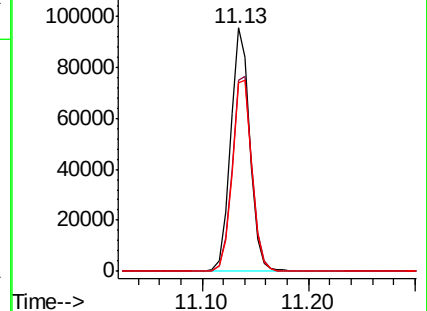
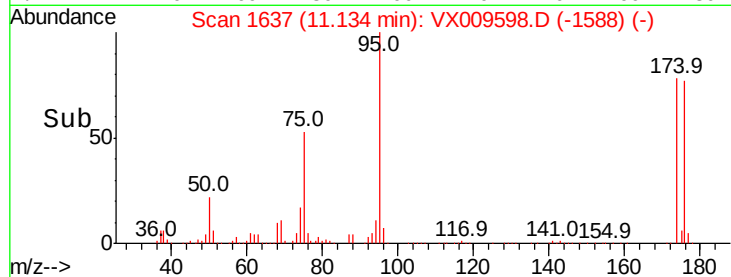
176 80.5 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009598.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009598.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009598.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009598.D

Acq: 16 May 2019 11:40

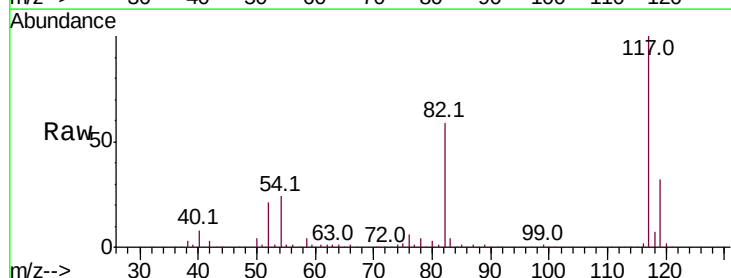
Tgt Ion: 117 Resp: 255358

Ion Ratio Lower Upper

117 100

82 59.1 48.8 73.2

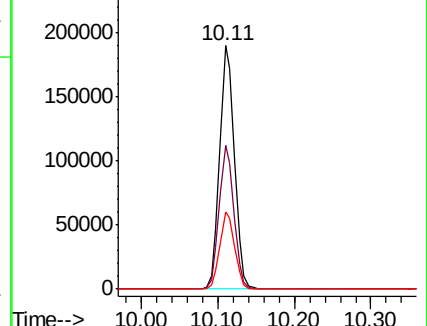
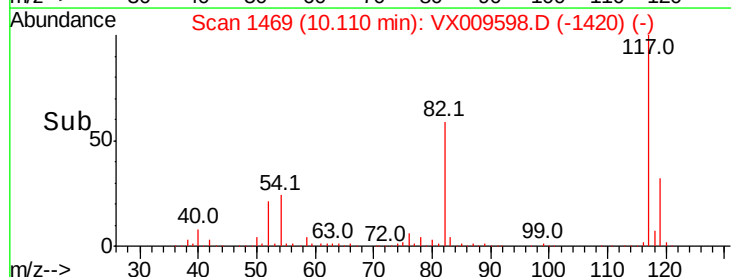
119 31.6 25.8 38.6

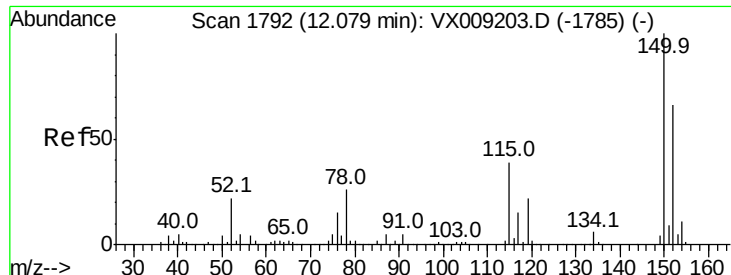


Abundance Ion 116.90 (116.60 to 117.60): VX009598.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009598.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009598.D (-1420) (-)

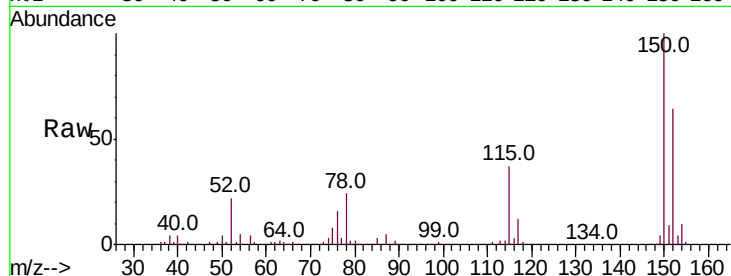




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009598.D
 Acq: 16 May 2019 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.2	123.6
150	157.4	0.0	346.4



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

