

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007745.D
 Acq On : 27 Feb 2019 20:17
 Operator : JC/SP
 Sample : K1653-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-022719

Quant Time: Feb 28 04:47:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

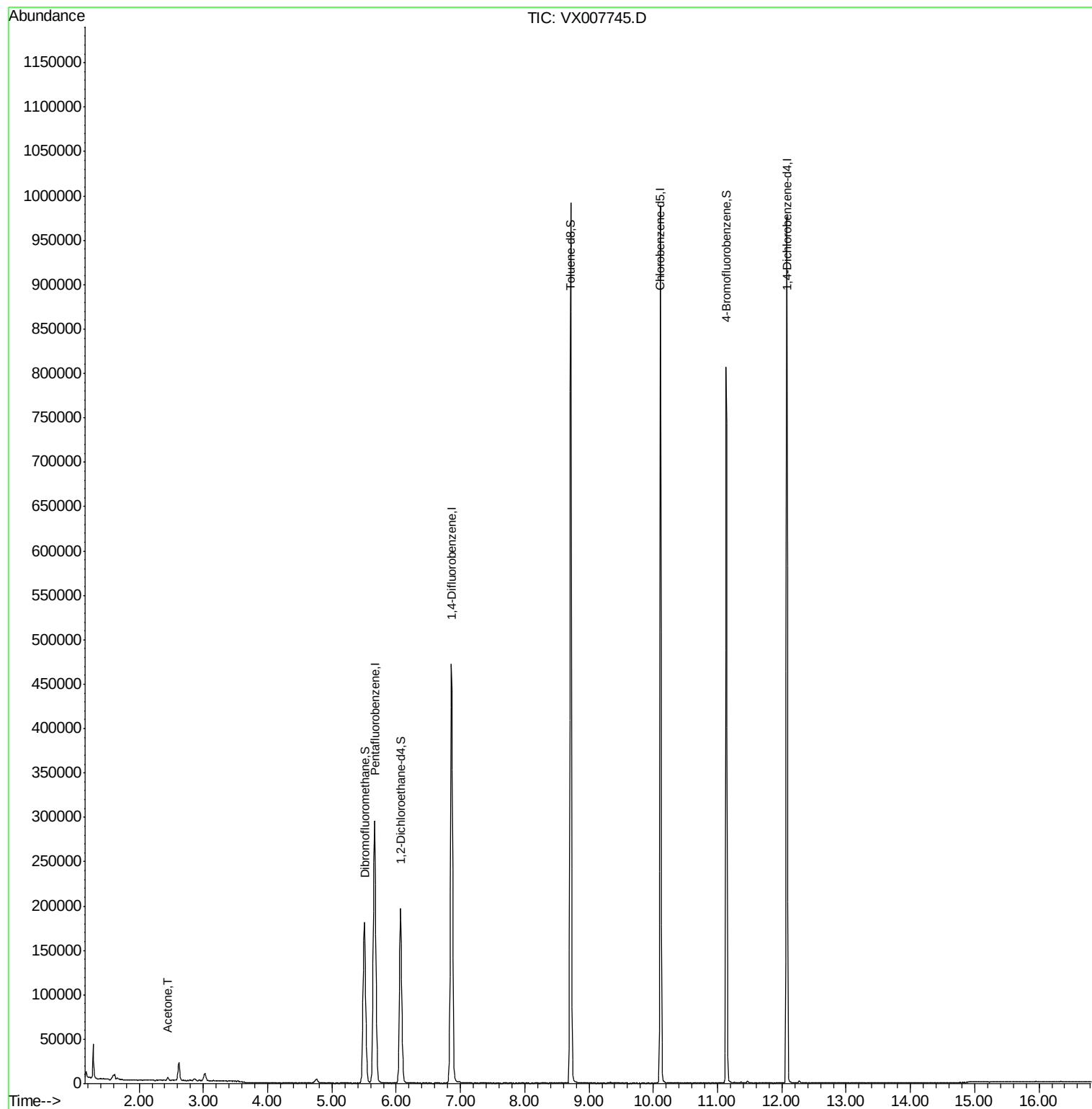
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	303589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	473625	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	448410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	186760	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
35) Dibromofluoromethane	5.50	113	155124	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	8.71	98	579611	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.13	95	206420	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
Target Compounds						
16) Acetone	2.45	43	3655	2.186	ug/l	Qvalue 99

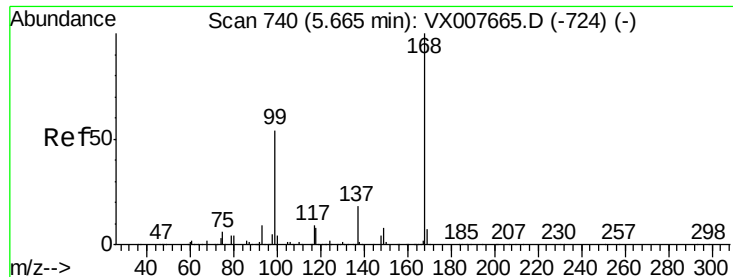
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007745.D

Acq: 27 Feb 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

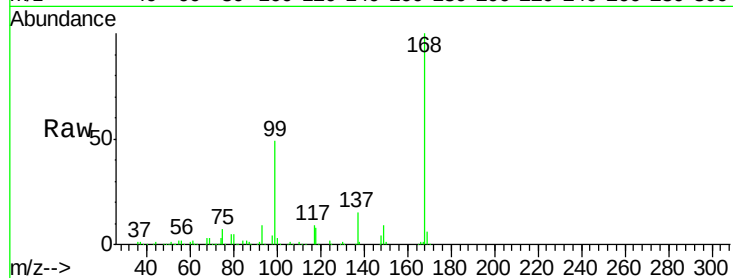
FB-022719

Tot Ion:168 Resp: 303589

Ion Ratio Lower Upper

168 100

99 49.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

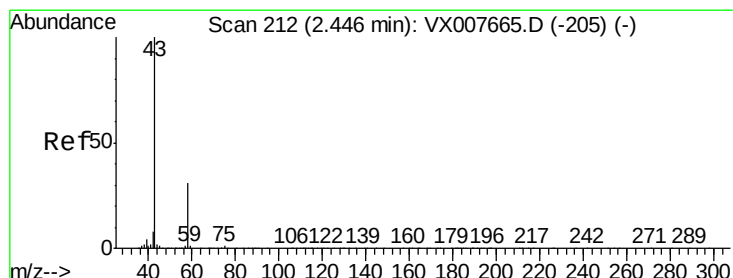
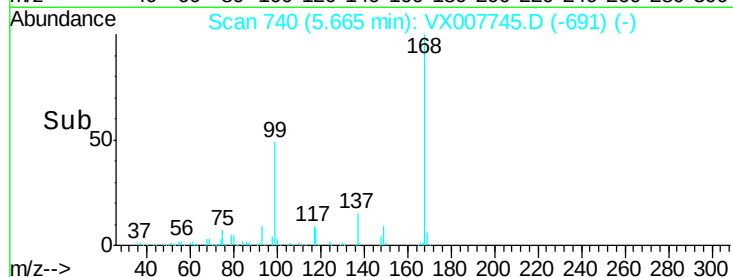
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.186 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007745.D

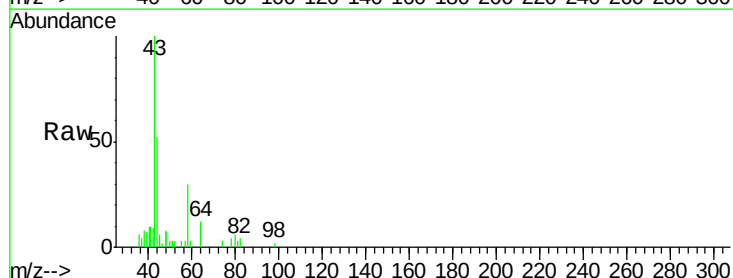
Acq: 27 Feb 2019 20:17

Tgt Ion: 43 Resp: 3655

Ion Ratio Lower Upper

43 100

58 30.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

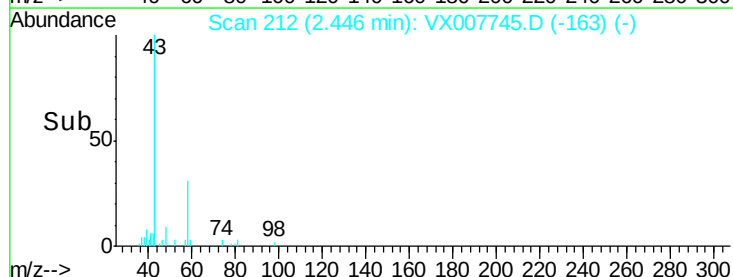
1500

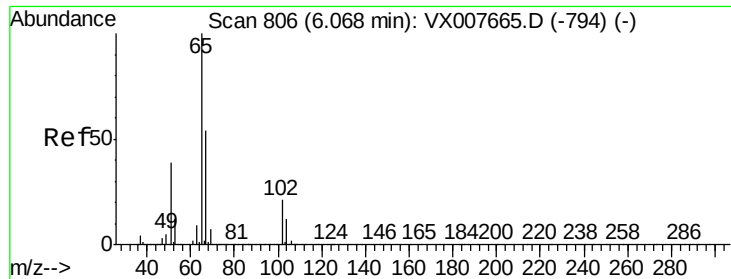
1000

500

0

Time--> 2.40 2.45 2.50

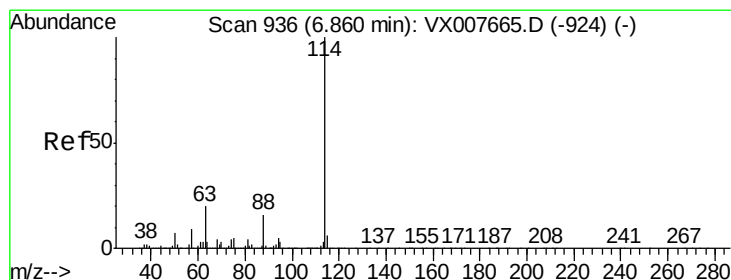
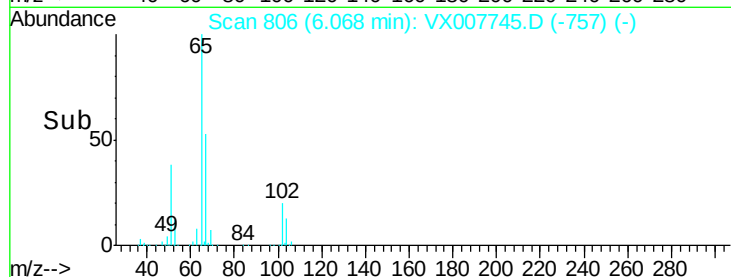
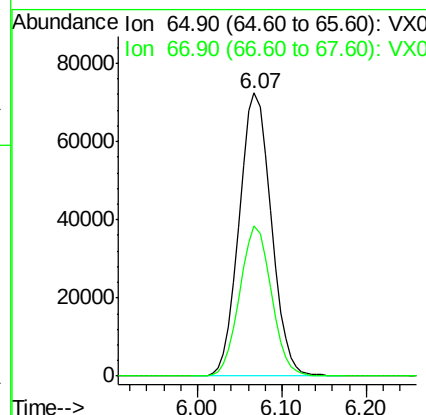
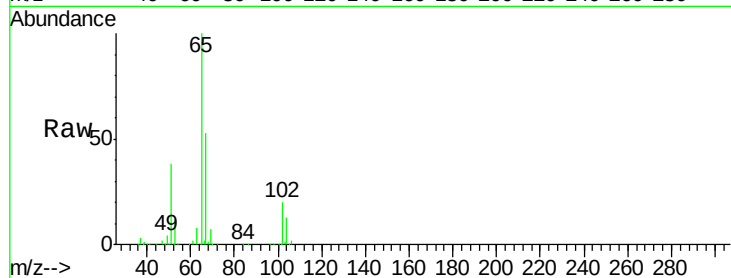




#33
 1,2-Dichloroethane-d4
 Concen: 49.664 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007745.D
 Acq: 27 Feb 2019 20:17

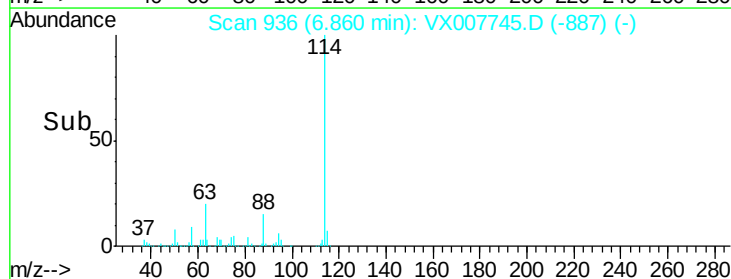
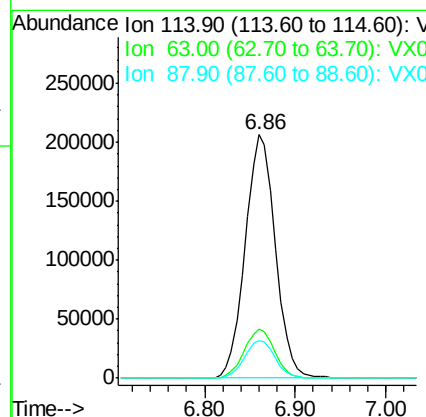
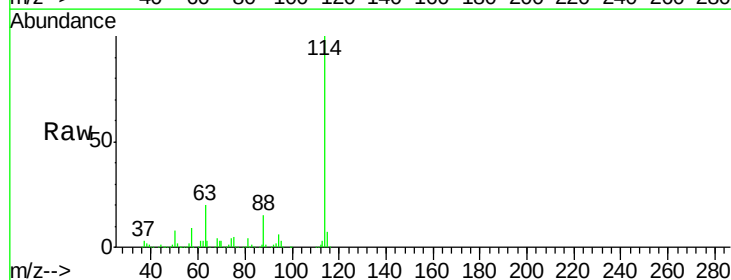
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-022719

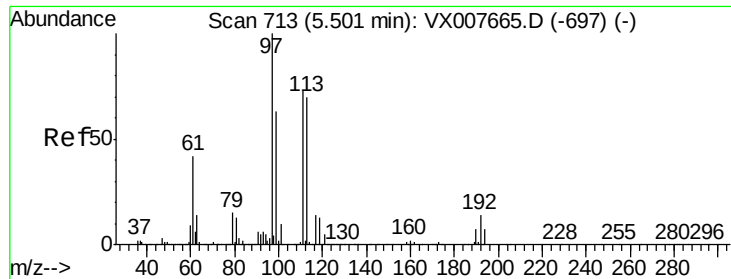
Tot Ion: 65 Resp: 186760
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007745.D
 Acq: 27 Feb 2019 20:17

Tgt Ion: 114 Resp: 473625
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 35.6
 88 15.3 0.0 29.6

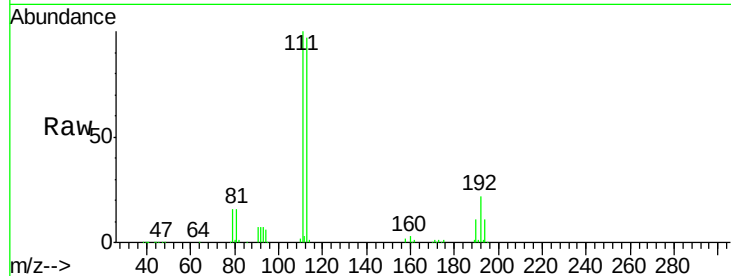




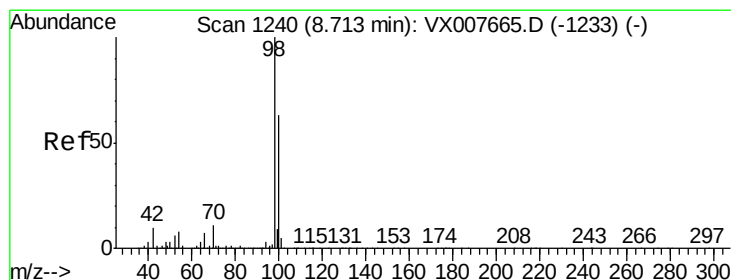
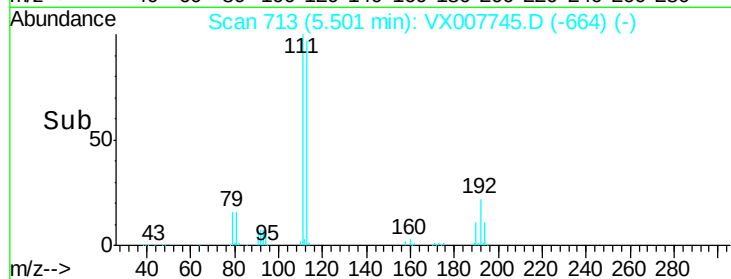
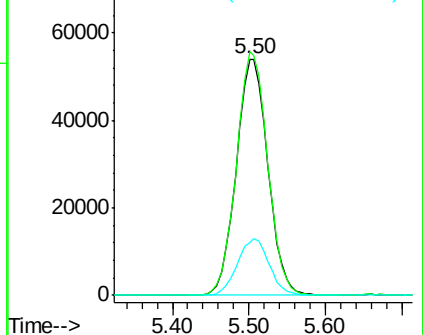
#35
 Dibromofluoromethane
 Concen: 48.996 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007745.D
 Acq: 27 Feb 2019 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-022719

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.8	122.8
192	24.0	18.5	27.7

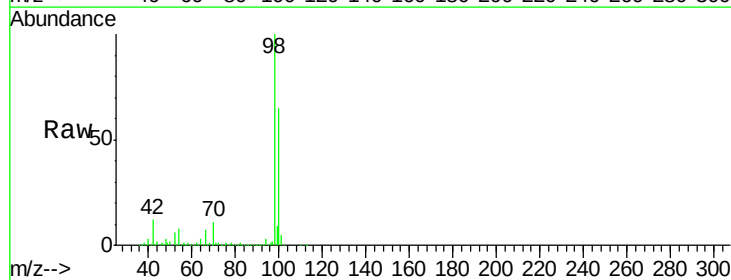


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

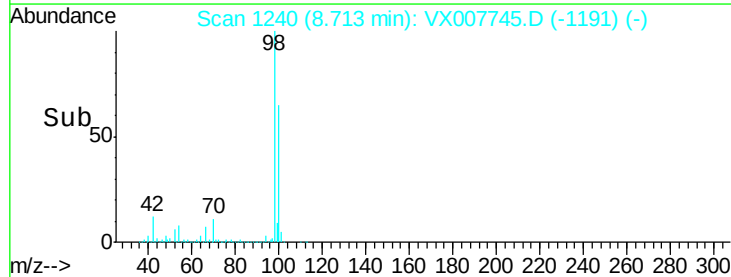
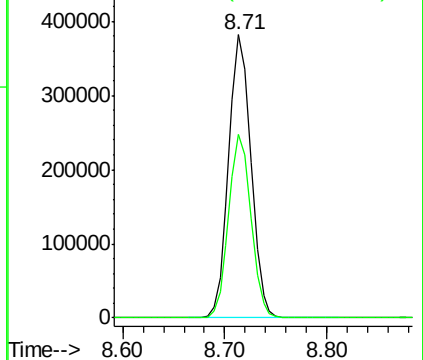


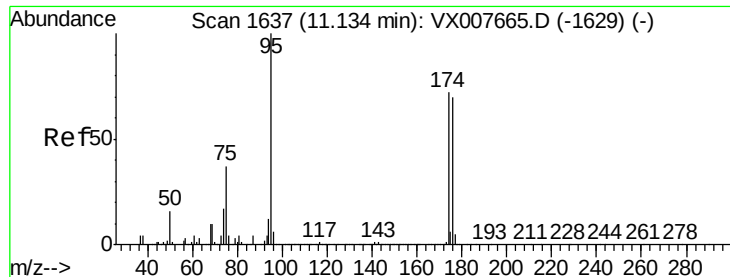
#50
 Toluene-d8
 Concen: 47.820 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX007745.D
 Acq: 27 Feb 2019 20:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.399 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007745.D

Acq: 27 Feb 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

FB-022719

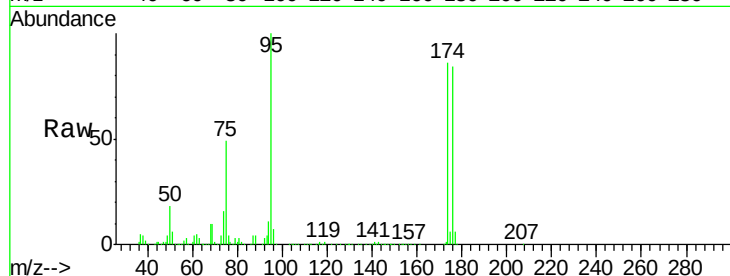
Tot Ion: 95 Resp: 206420

Ion Ratio Lower Upper

95 100

174 91.8 0.0 189.2

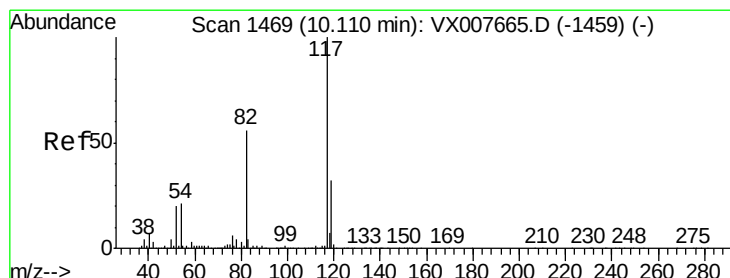
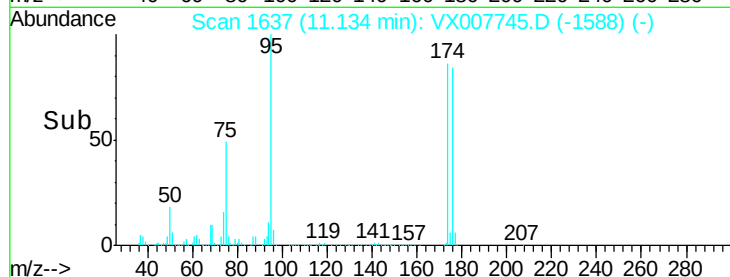
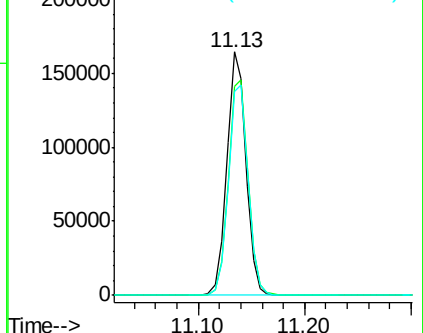
176 89.5 0.0 186.2



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# 1469

Delta R.T. -0.00 min

Lab File: VX007745.D

Acq: 27 Feb 2019 20:17

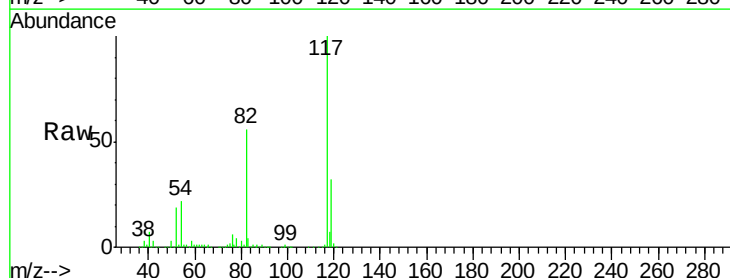
Tgt Ion: 117 Resp: 448410

Ion Ratio Lower Upper

117 100

82 55.6 42.1 63.1

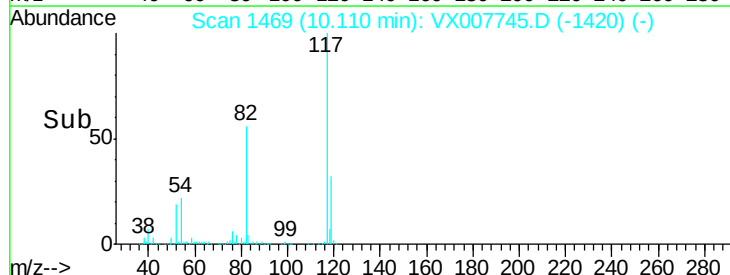
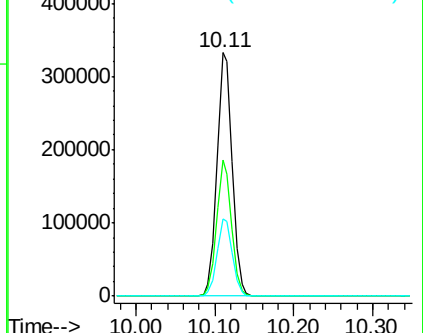
119 31.6 26.5 39.7

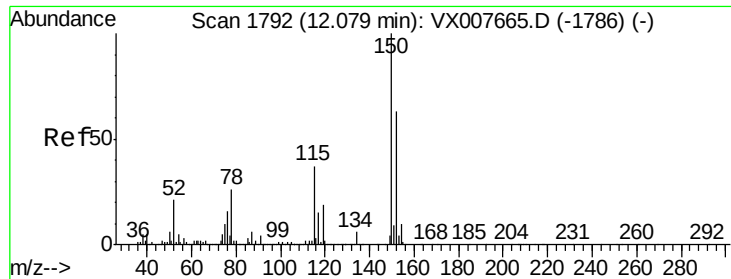


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007745.D

Acq: 27 Feb 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

FB-022719

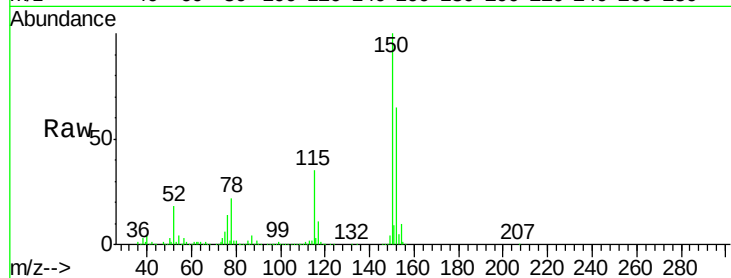
Tot Ion:152 Resp: 213009

Ion Ratio Lower Upper

152 100

115 55.0 38.0 114.0

150 155.3 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

