

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041219\
 Data File : VX008913.D
 Acq On : 13 Apr 2019 02:25
 Operator : JC/SP
 Sample : K2367-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0701

Quant Time: Apr 13 06:42:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

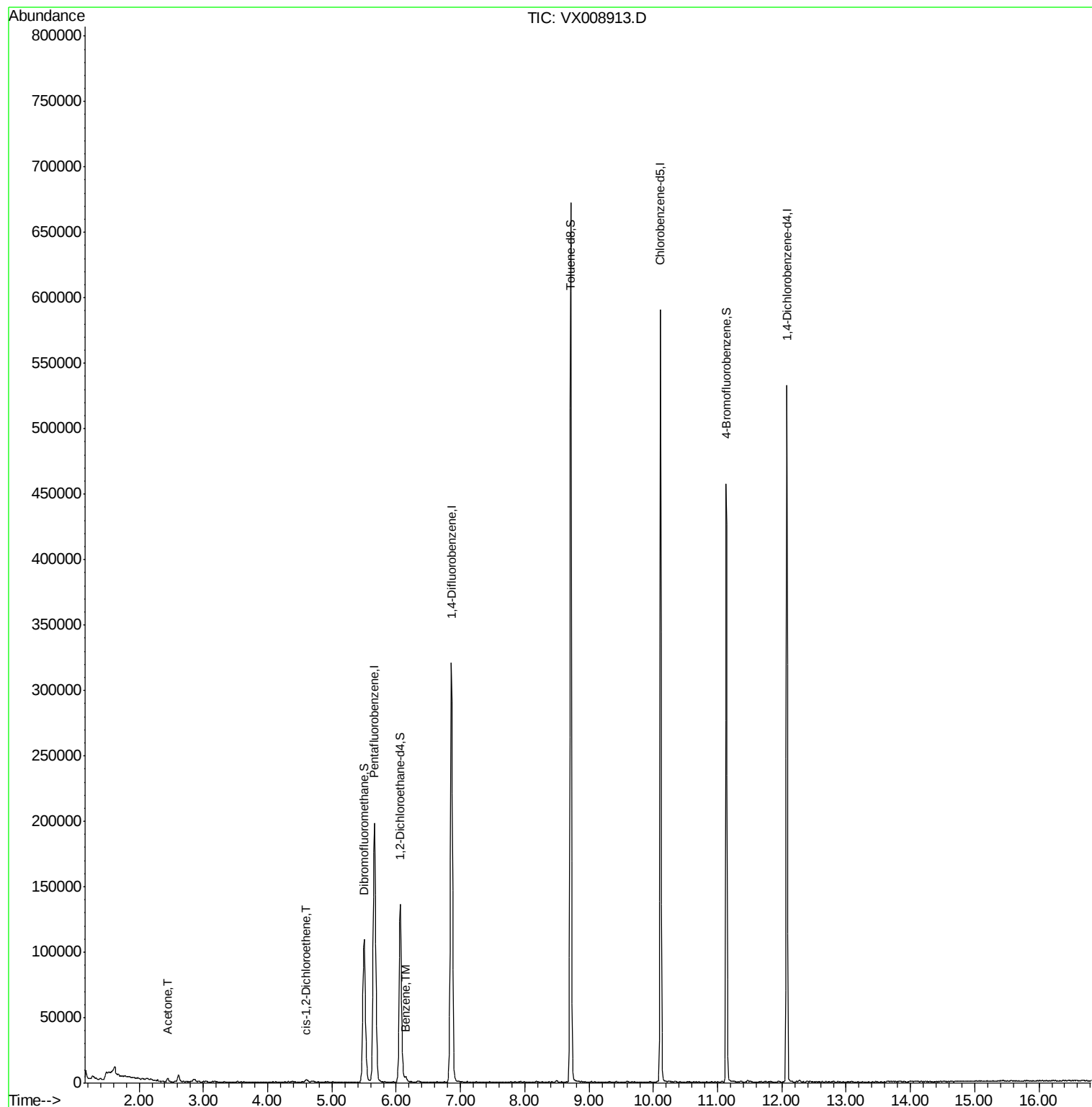
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310105	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128776	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
35) Dibromofluoromethane	5.50	113	92968	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
50) Toluene-d8	8.71	98	383932	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.13	95	122727	43.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.68%	
Target Compounds						
16) Acetone	2.45	43	3012	1.865	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	1040	0.376	ug/l	90
40) Benzene	6.15	78	3436	0.340	ug/l	96

(#) = 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: VX008913.D

Acq: 13 Apr 2019 02:25

Instrument :

MSVOA_X

ClientSampleId :

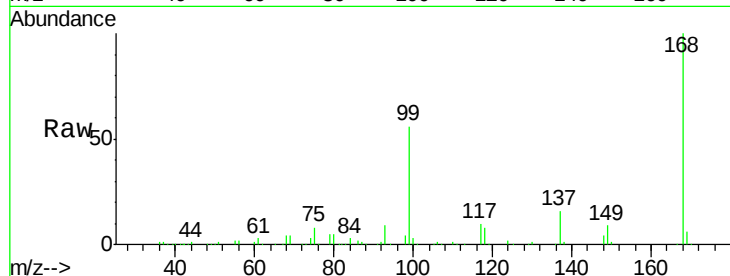
S8-0701

Tgt Ion:168 Resp: 192214

Ion Ratio Lower Upper

168 100

99 55.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

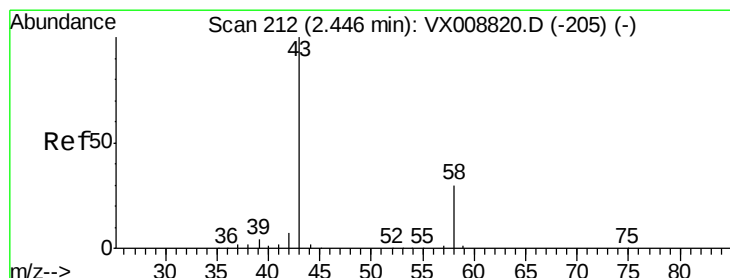
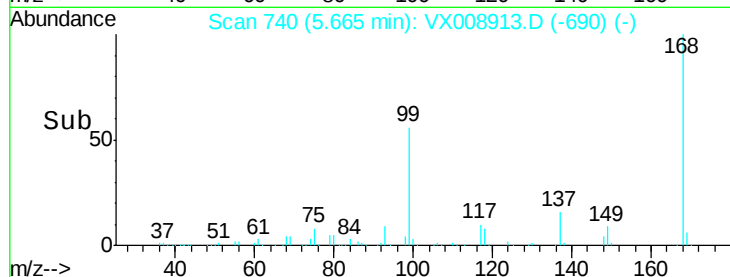
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.865 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008913.D

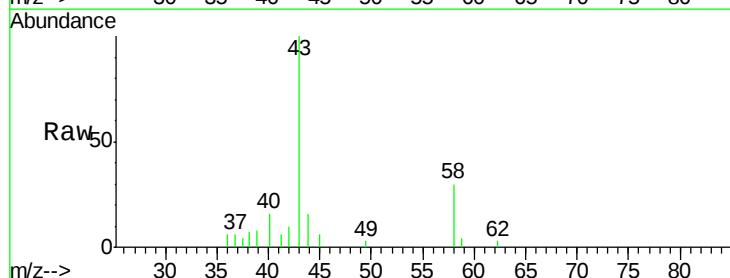
Acq: 13 Apr 2019 02:25

Tgt Ion: 43 Resp: 3012

Ion Ratio Lower Upper

43 100

58 29.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

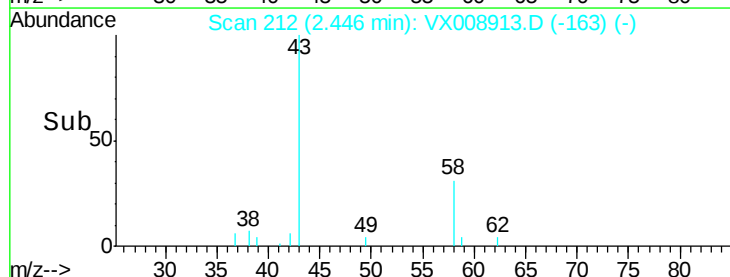
1500

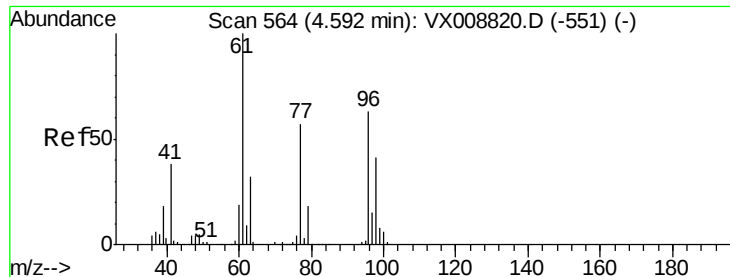
1000

500

0

Time--> 2.40 2.45 2.50



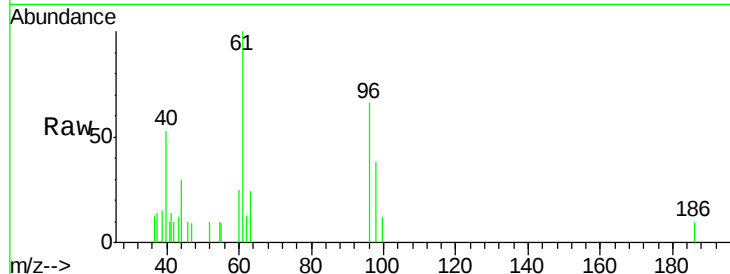


#27

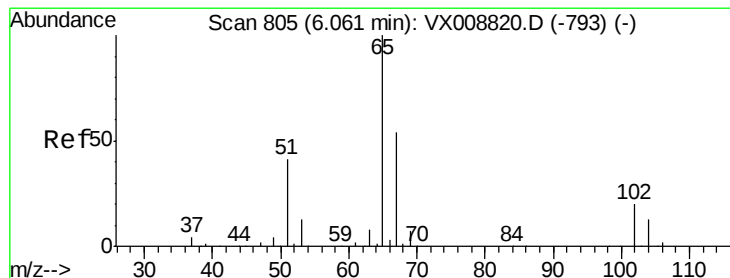
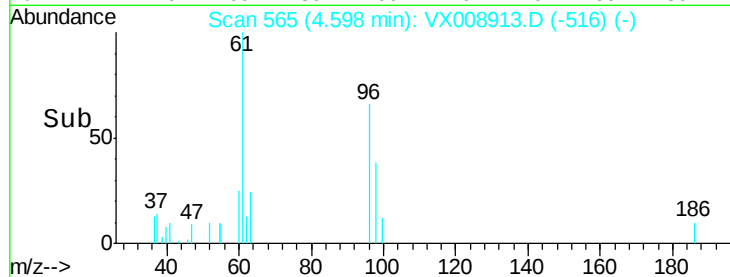
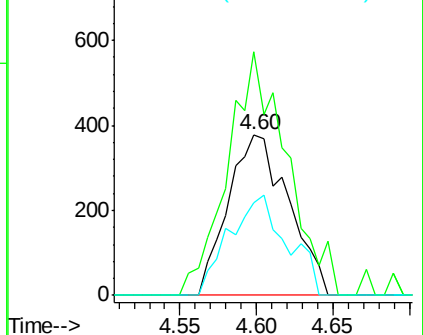
cis-1,2-Dichloroethene
 Concen: 0.376 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008913.D
 Acq: 13 Apr 2019 02:25

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0701

Tgt Ion: 96 Resp: 1040
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 327.6
 98 59.2 0.0 128.6



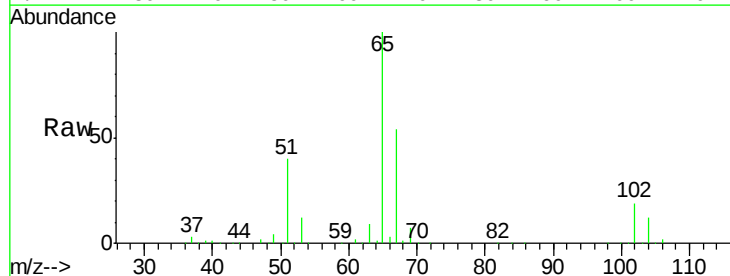
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



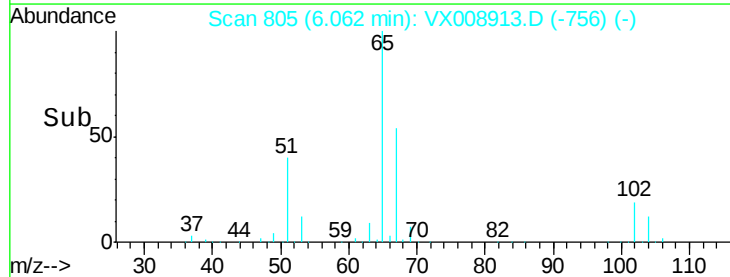
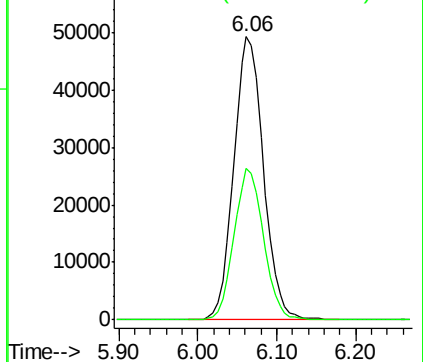
#33

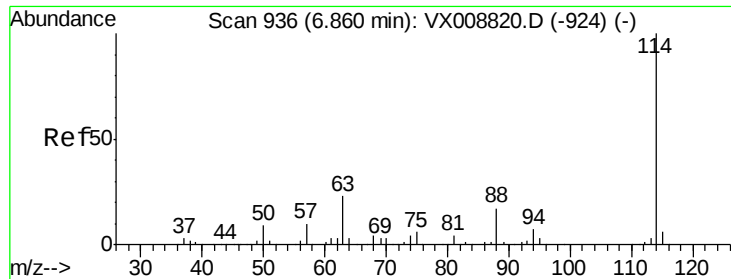
1,2-Dichloroethane-d4
 Concen: 45.933 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008913.D
 Acq: 13 Apr 2019 02:25

Tgt Ion: 65 Resp: 128776
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

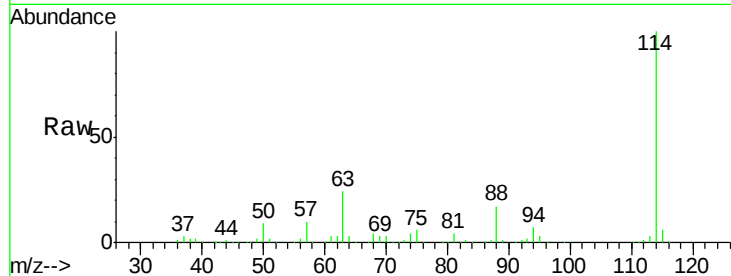




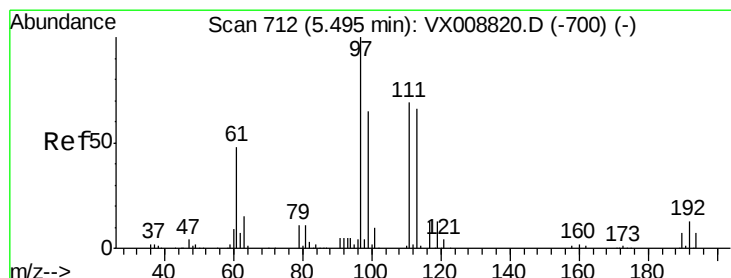
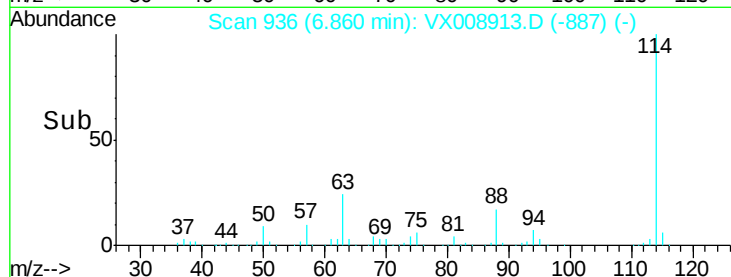
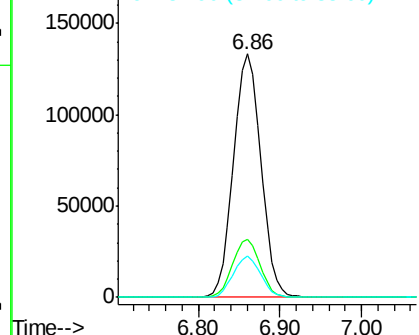
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008913.D
 Acq: 13 Apr 2019 02:25

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0701

Tgt Ion:114 Resp: 310105
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 47.2
 88 17.2 0.0 34.0

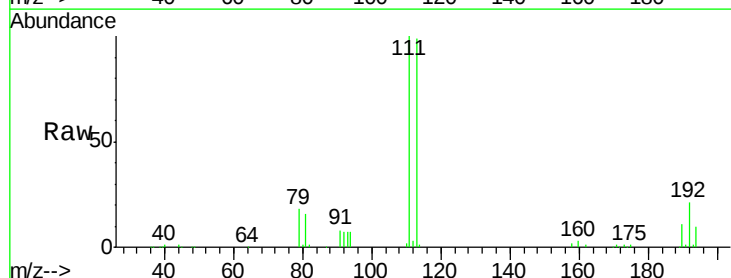


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

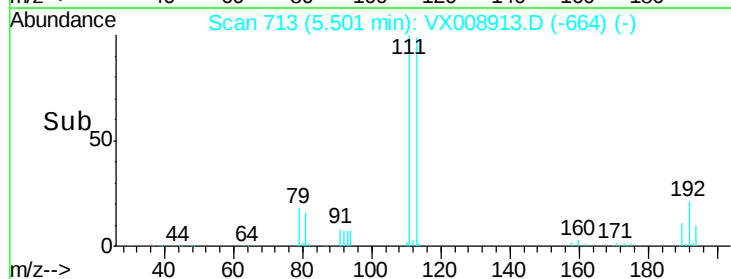
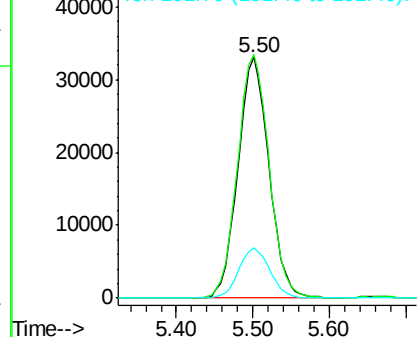


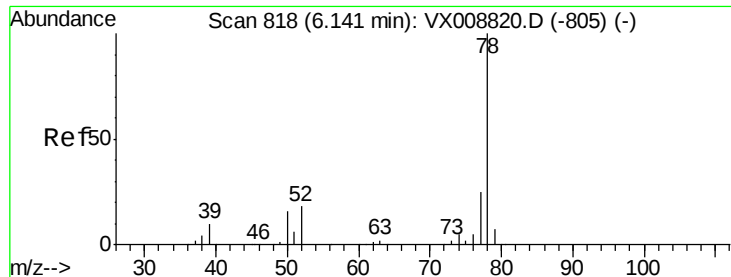
#35
 Dibromofluoromethane
 Concen: 46.890 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008913.D
 Acq: 13 Apr 2019 02:25

Tgt Ion:113 Resp: 92968
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.4 125.2
 192 21.0 16.1 24.1



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





#40

Benzene

Concen: 0.340 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008913.D

Acq: 13 Apr 2019 02:25

Instrument :

MSVOA_X

ClientSampled :

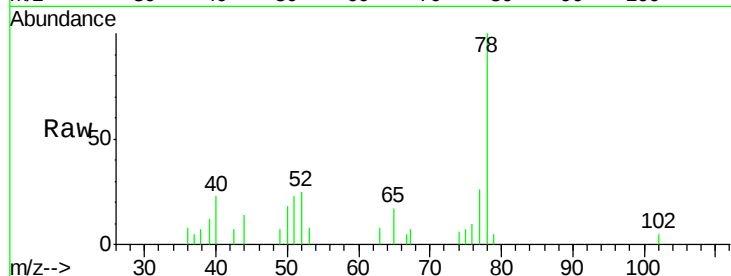
S8-0701

Tgt Ion: 78 Resp: 3436

Ion Ratio Lower Upper

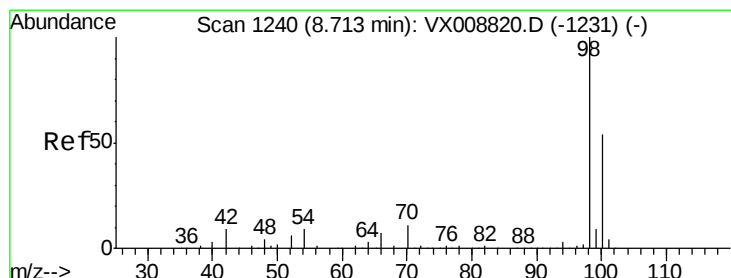
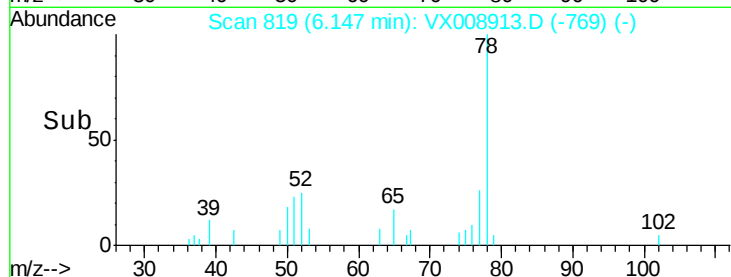
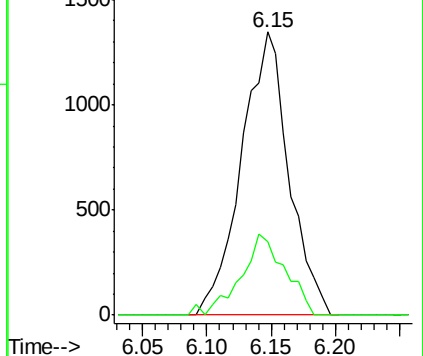
78 100

77 25.9 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 48.632 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008913.D

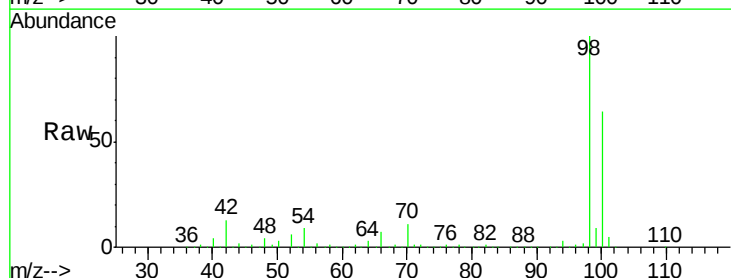
Acq: 13 Apr 2019 02:25

Tgt Ion: 98 Resp: 383932

Ion Ratio Lower Upper

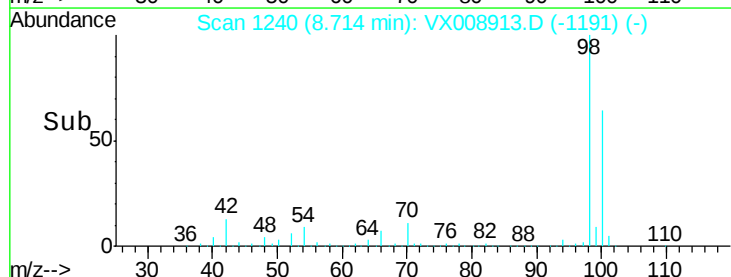
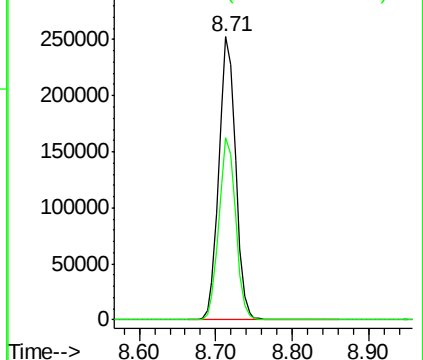
98 100

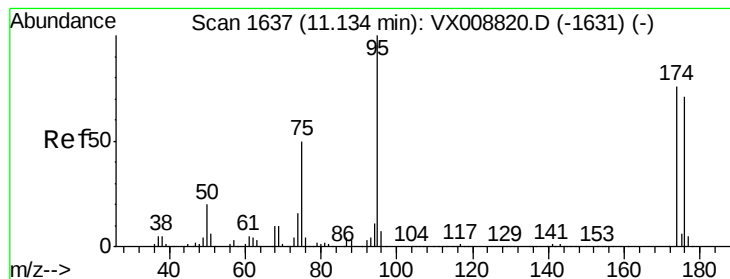
100 64.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.838 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008913.D

Acq: 13 Apr 2019 02:25

Instrument :

MSVOA_X

ClientSampleId :

S8-0701

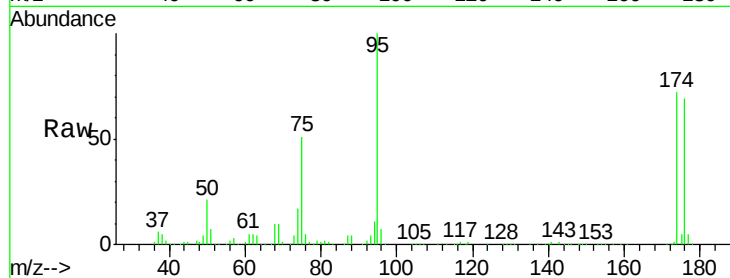
Tgt Ion: 95 Resp: 122727

Ion Ratio Lower Upper

95 100

174 78.6 0.0 151.8

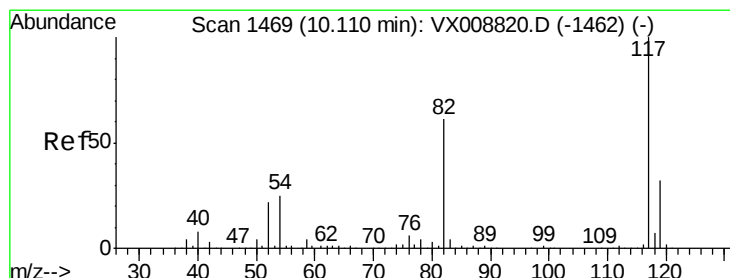
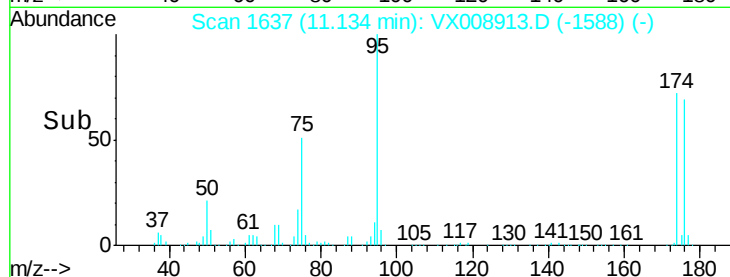
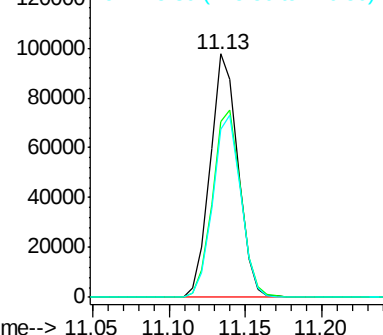
176 75.8 0.0 145.8



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: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008913.D

Acq: 13 Apr 2019 02:25

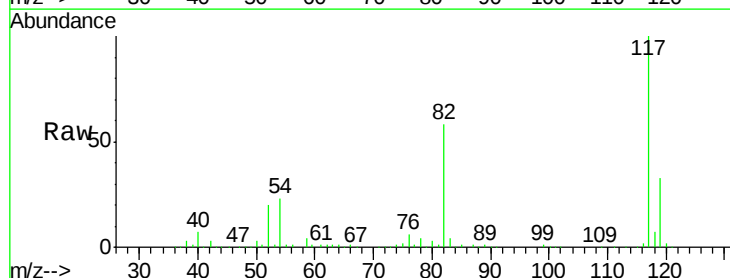
Tgt Ion: 117 Resp: 260825

Ion Ratio Lower Upper

117 100

82 58.5 49.6 74.4

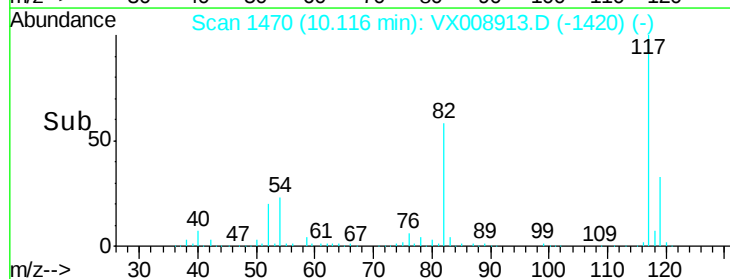
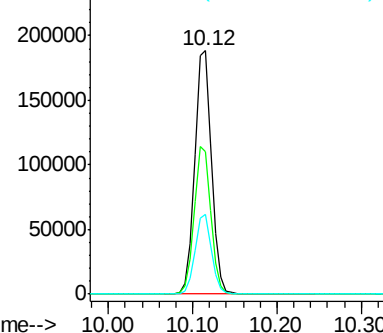
119 32.7 25.0 37.4

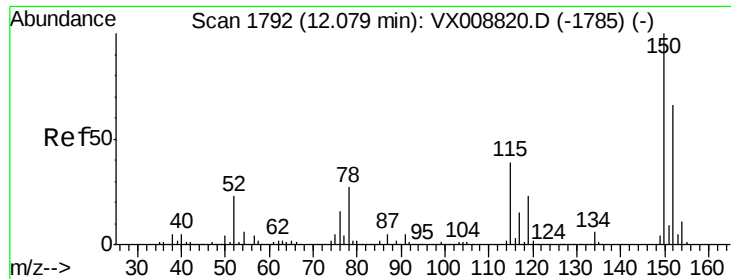


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

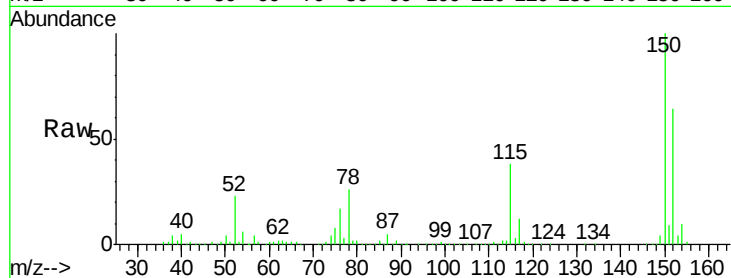




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008913.D
 Acq: 13 Apr 2019 02:25

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0701

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	43.5	130.5
150	156.2	0.0	348.8



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

