

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005981.D
 Acq On : 14 Nov 2018 18:22
 Operator : JC/MD
 Sample : J5934-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0144

Quant Time: Nov 15 01:28:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

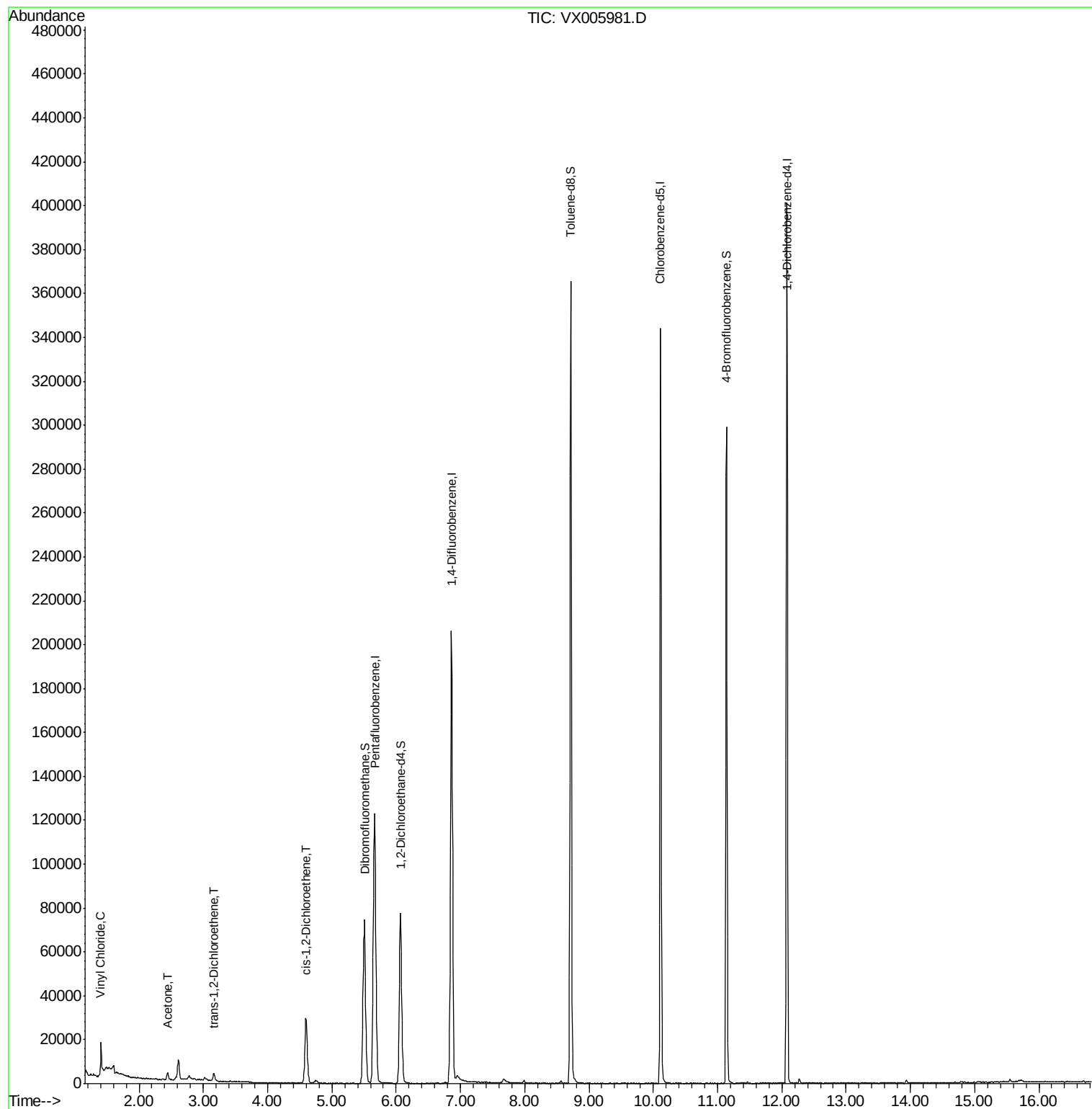
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	124897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	200807	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	166307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	82586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	73734	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
35) Dibromofluoromethane	5.51	113	61503	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
50) Toluene-d8	8.71	98	221085	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.14	95	76694	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
Target Compounds						
4) Vinyl Chloride	1.41	62	9265	6.24	ug/l #	76
16) Acetone	2.45	43	3965	5.13	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	1375	1.18	ug/l #	84
27) cis-1,2-Dichloroethene	4.60	96	18494	14.38	ug/l	93

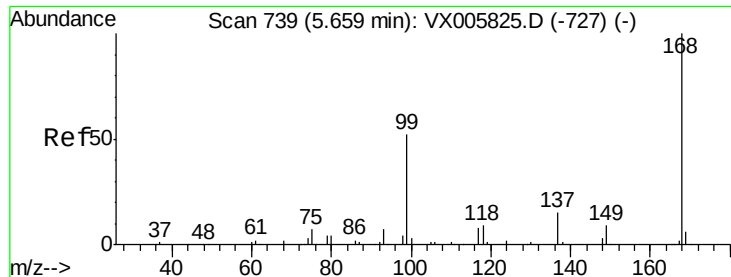
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005981.D

Acq: 14 Nov 2018 18:22

Instrument :

MSVOA_X

ClientSampleId :

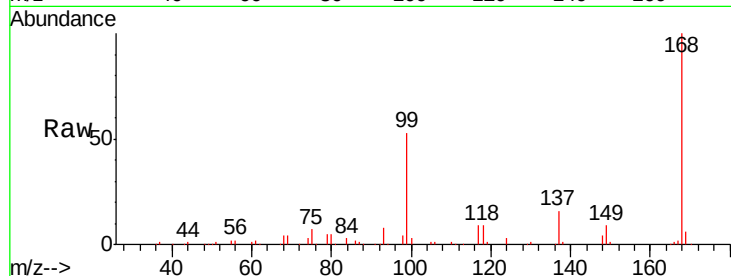
S36-0144

Tgt Ion:168 Resp: 124897

Ion Ratio Lower Upper

168 100

99 52.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

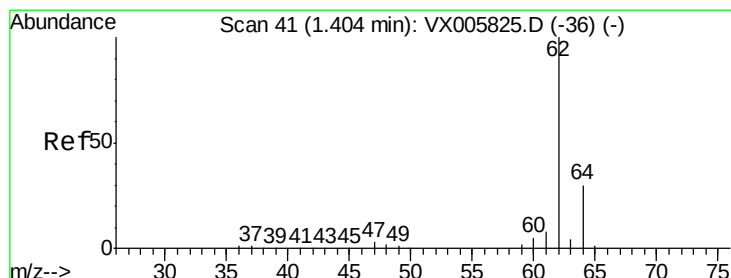
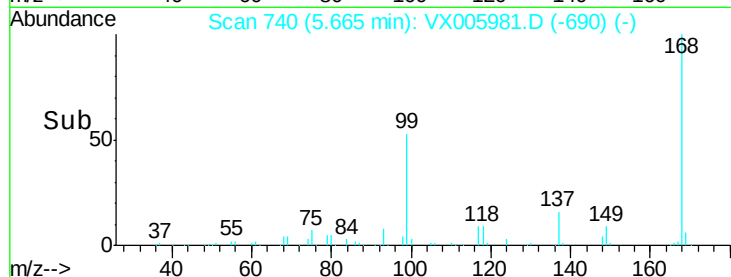
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 6.24 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005981.D

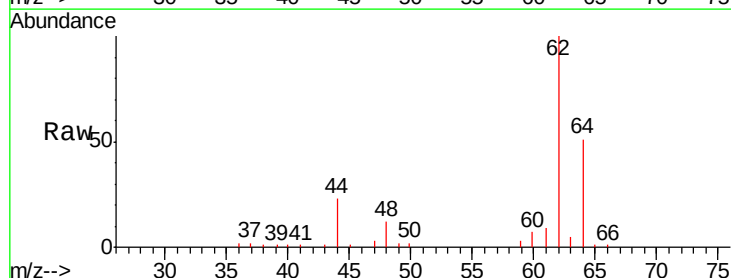
Acq: 14 Nov 2018 18:22

Tgt Ion: 62 Resp: 9265

Ion Ratio Lower Upper

62 100

64 44.9 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

8000

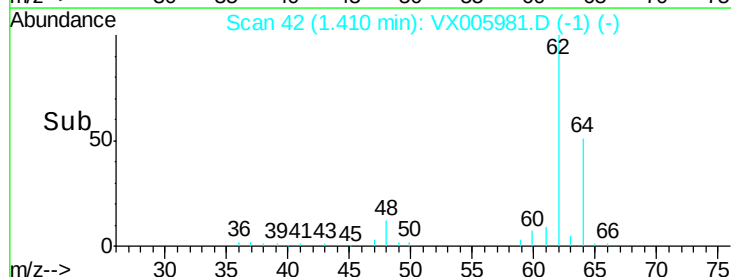
6000

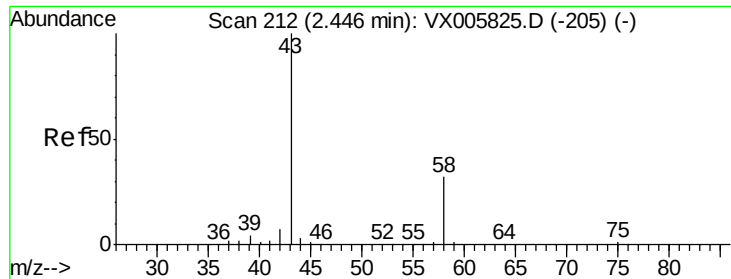
4000

2000

0

Time--> 1.35 1.40 1.45





#16

Acetone

Concen: 5.13 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005981.D

Acq: 14 Nov 2018 18:22

Instrument :

MSVOA_X

ClientSampled :

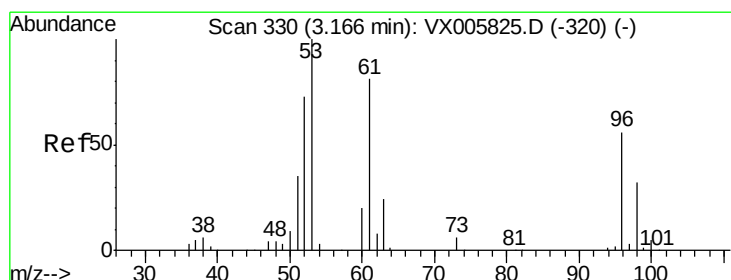
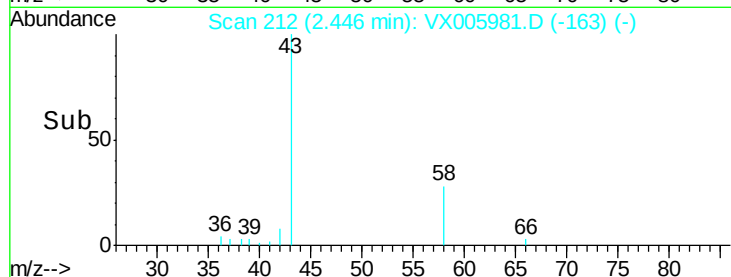
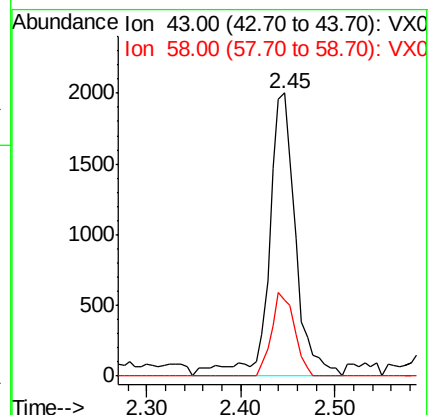
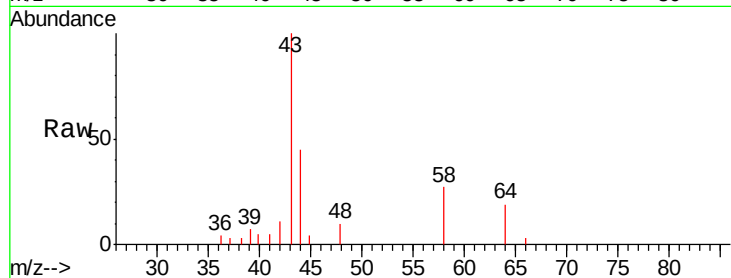
S36-0144

Tgt Ion: 43 Resp: 3965

Ion Ratio Lower Upper

43 100

58 26.9 23.8 35.6



#21

trans-1,2-Dichloroethene

Concen: 1.18 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX005981.D

Acq: 14 Nov 2018 18:22

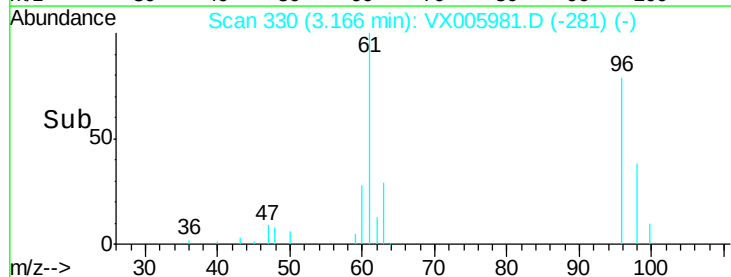
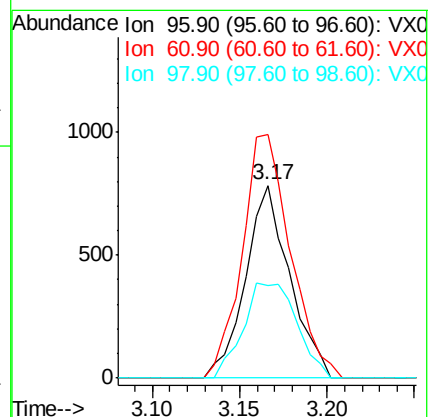
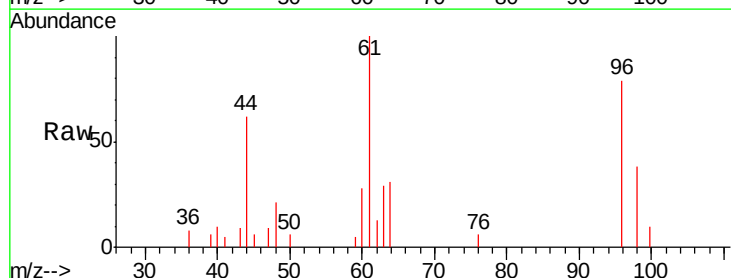
Tgt Ion: 96 Resp: 1375

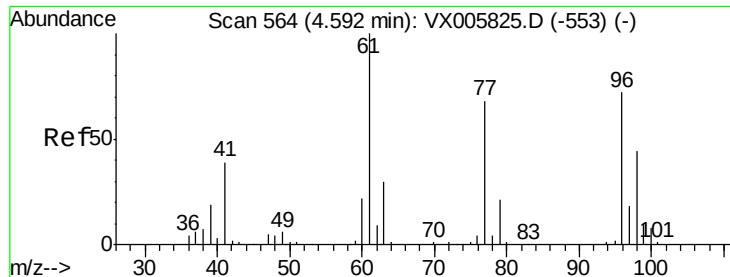
Ion Ratio Lower Upper

96 100

61 126.4 115.6 173.4

98 48.1 50.2 75.2#

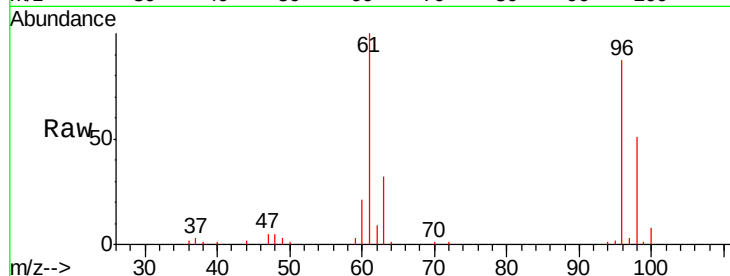




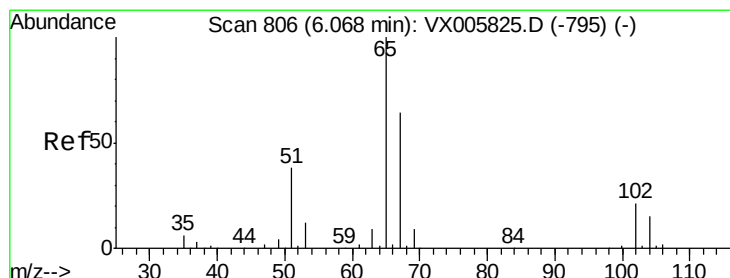
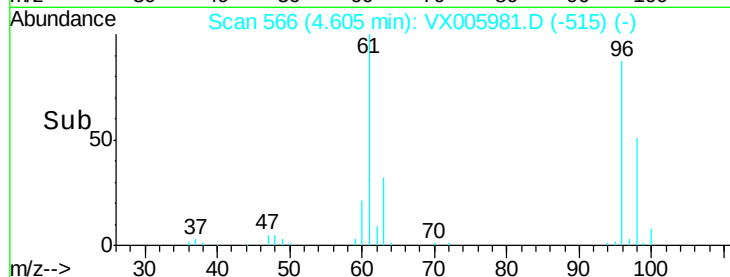
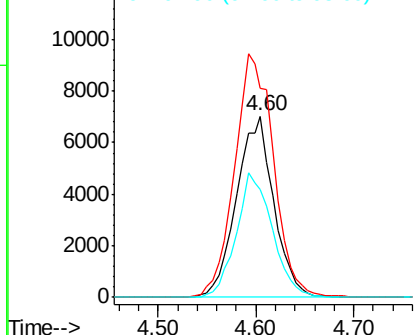
#27
 cis-1,2-Dichloroethene
 Concen: 14.38 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX005981.D
 Acq: 14 Nov 2018 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0144

Tgt Ion: 96 Resp: 18494
 Ion Ratio Lower Upper
 96 100
 61 141.4 0.0 304.6
 98 66.4 0.0 127.4

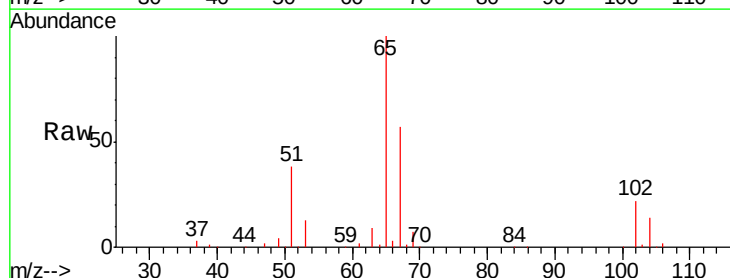


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

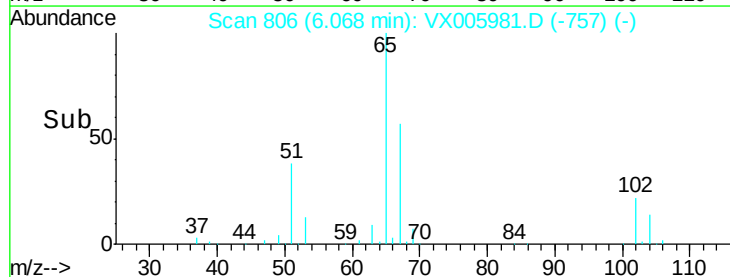
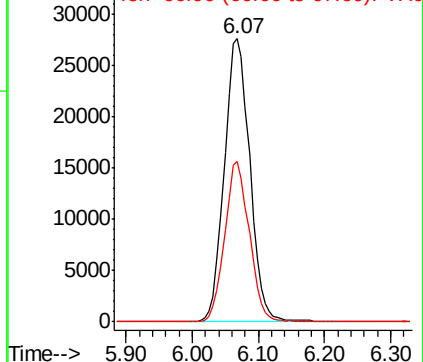


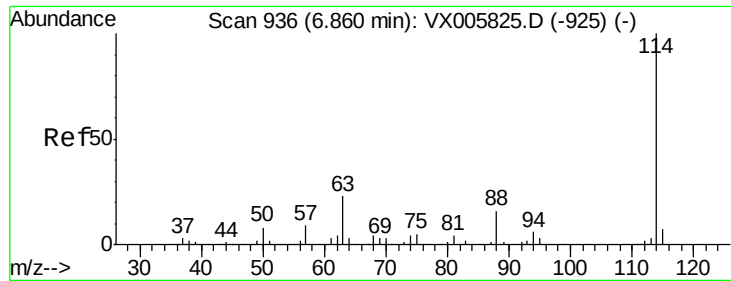
#33
 1,2-Dichloroethane-d4
 Concen: 51.35 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005981.D
 Acq: 14 Nov 2018 18:22

Tgt Ion: 65 Resp: 73734
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 105.0



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

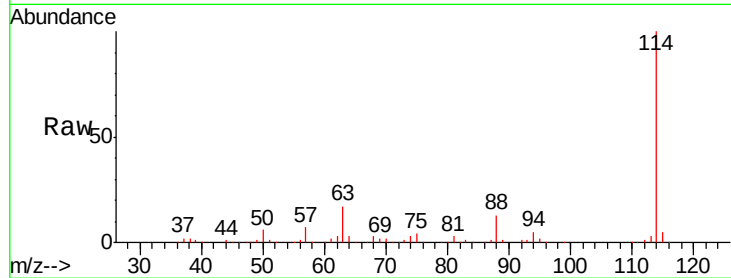




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005981.D
 Acq: 14 Nov 2018 18:22

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0144

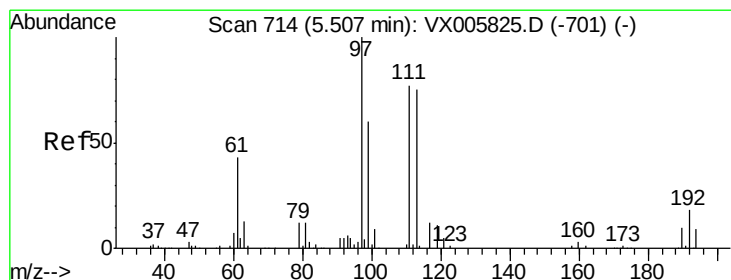
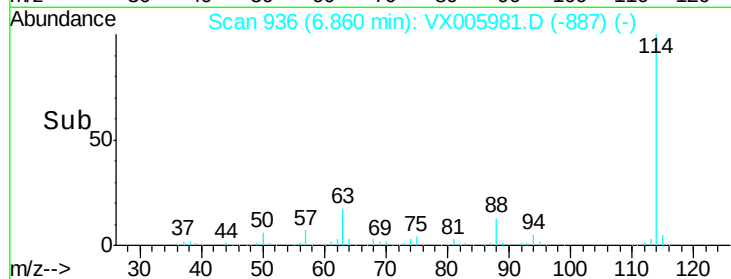
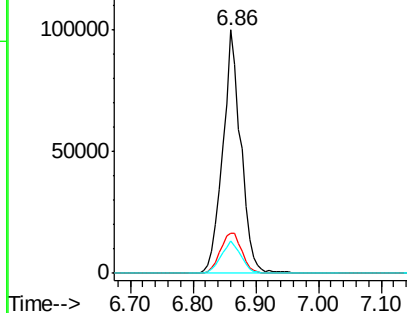
Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	42.8
88	13.3	0.0	31.2



Abundance Ion 113.90 (113.60 to 114.60): V

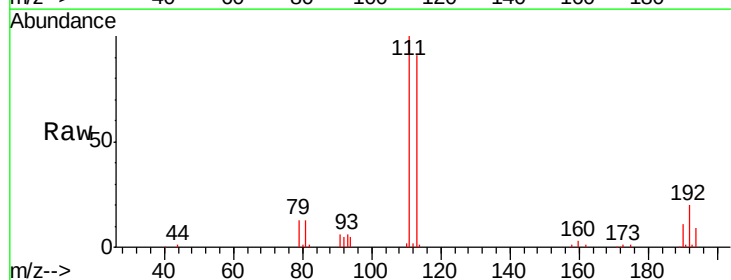
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
 Dibromofluoromethane
 Concen: 45.03 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VX005981.D
 Acq: 14 Nov 2018 18:22

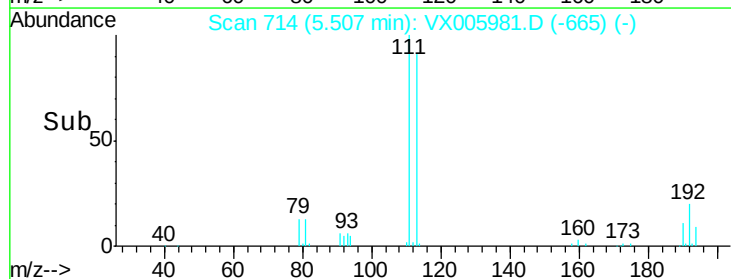
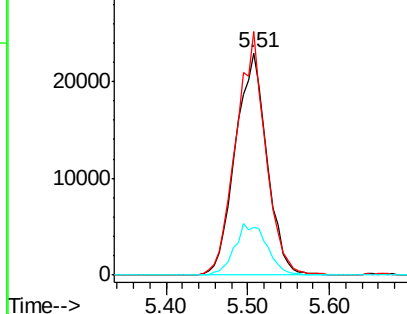
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.3	123.5
192	23.5	17.9	26.9

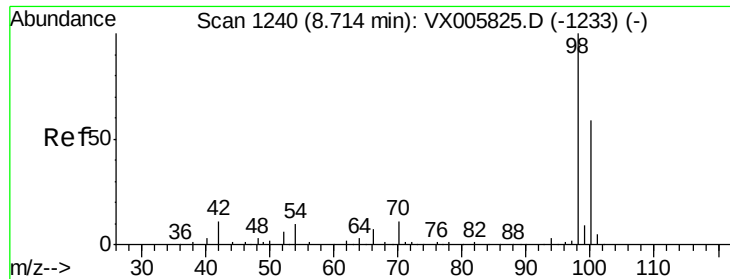


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.69 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005981.D

Acq: 14 Nov 2018 18:22

Instrument :

MSVOA_X

ClientSampleId :

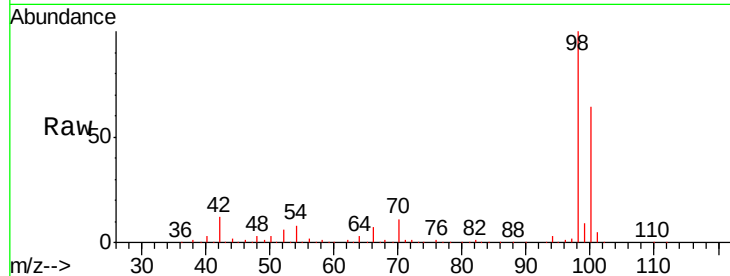
S36-0144

Tgt Ion: 98 Resp: 221085

Ion Ratio Lower Upper

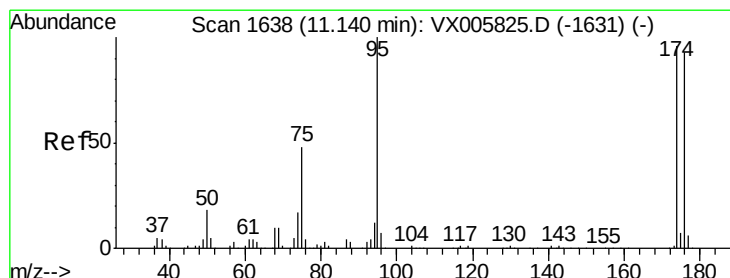
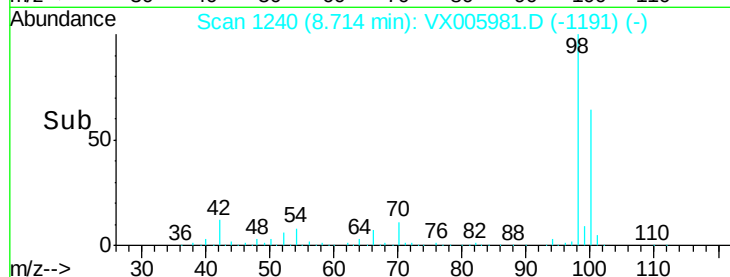
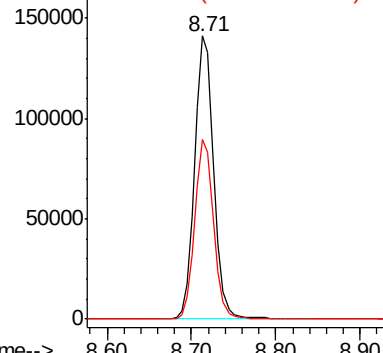
98 100

100 63.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.98 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005981.D

Acq: 14 Nov 2018 18:22

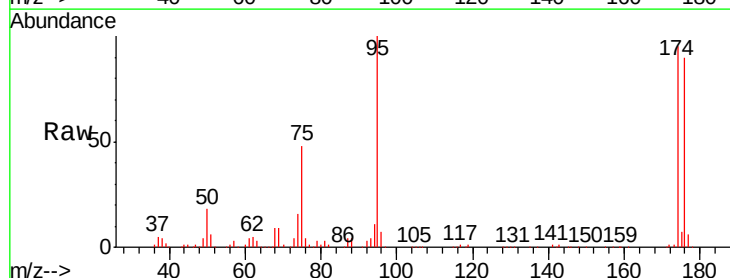
Tgt Ion: 95 Resp: 76694

Ion Ratio Lower Upper

95 100

174 91.1 0.0 184.4

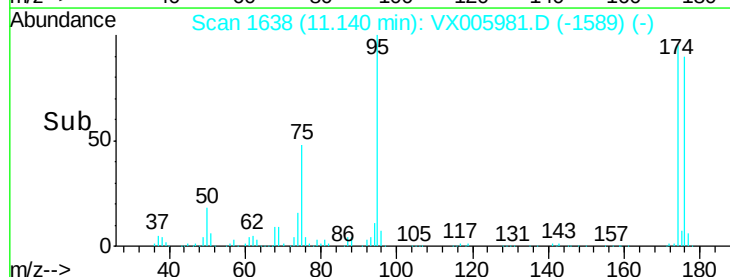
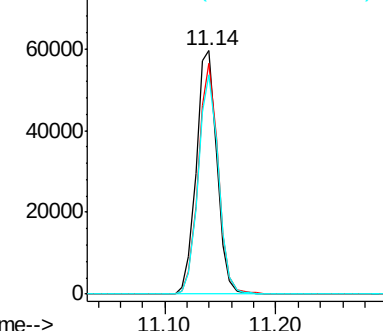
176 88.0 0.0 177.4

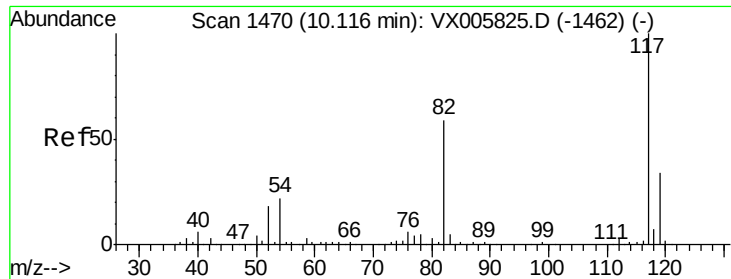


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005981.D

Acq: 14 Nov 2018 18:22

Instrument :

MSVOA_X

ClientSampled :

S36-0144

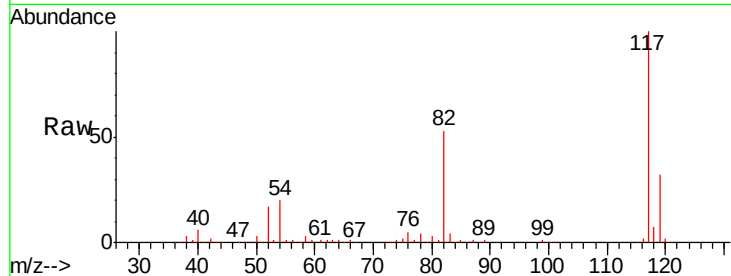
Tgt Ion:117 Resp: 166307

Ion Ratio Lower Upper

117 100

82 53.2 44.1 66.1

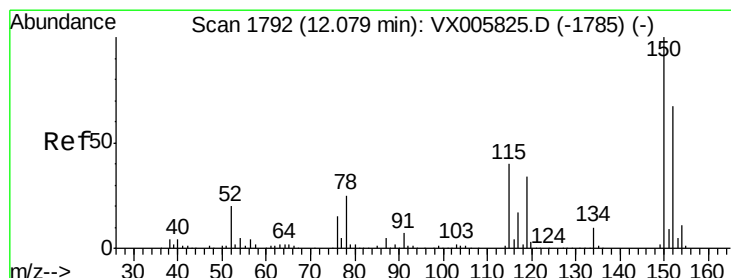
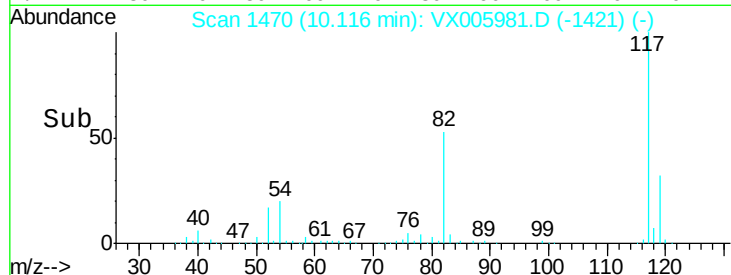
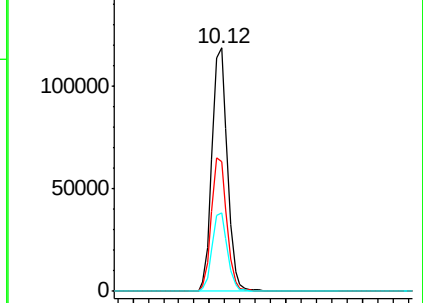
119 32.0 26.2 39.2



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: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005981.D

Acq: 14 Nov 2018 18:22

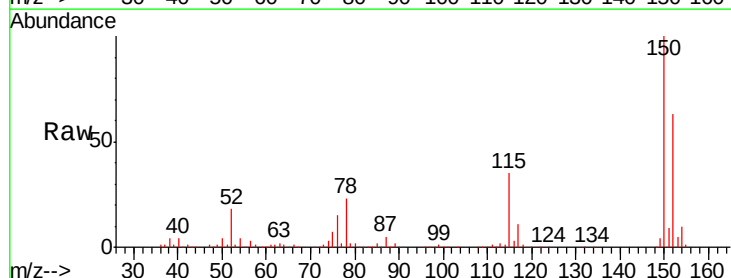
Tgt Ion:152 Resp: 82586

Ion Ratio Lower Upper

152 100

115 56.0 39.4 118.1

150 156.6 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

