

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002027.D
 Acq On : 26 May 2018 18:59
 Operator : JC/MD
 Sample : J3118-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052OW377-180522

Quant Time: May 28 02:12:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

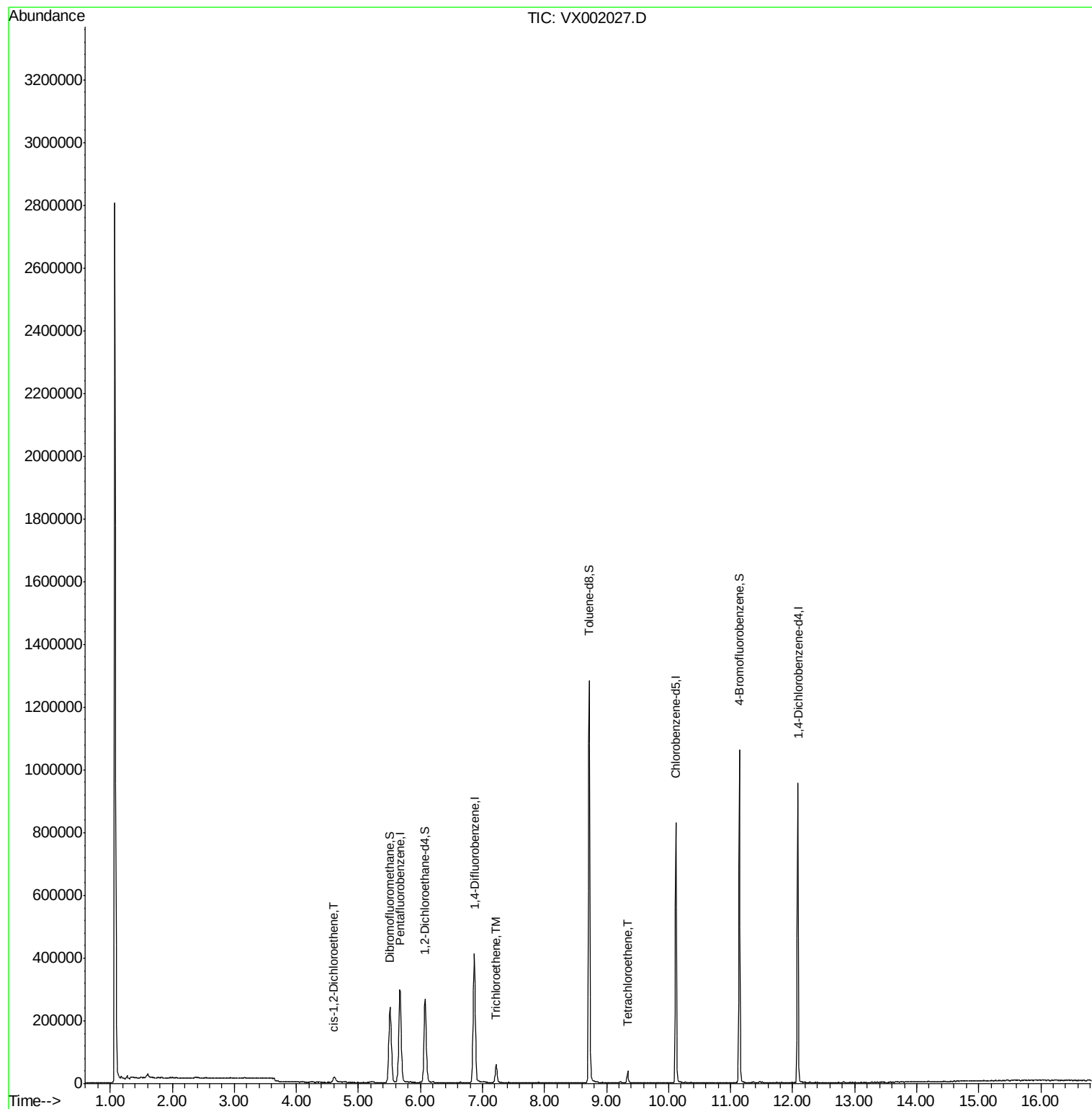
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	297782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	253894	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	5.51	113	197851	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
50) Toluene-d8	8.72	98	743473	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.14	95	259951	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.61	96	7808	1.73	ug/l	10
44) Trichloroethene	7.22	130	21763	4.42	ug/l	100
64) Tetrachloroethene	9.34	164	6932	1.34	ug/l	94

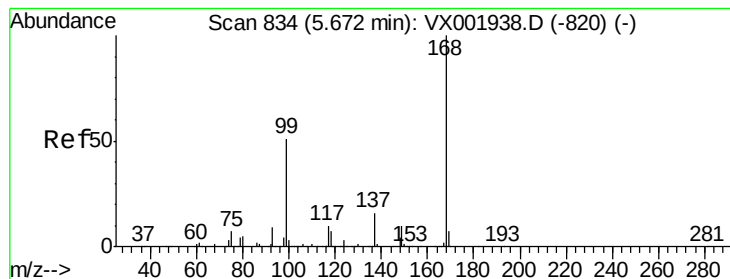
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002027.D

Acq: 26 May 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

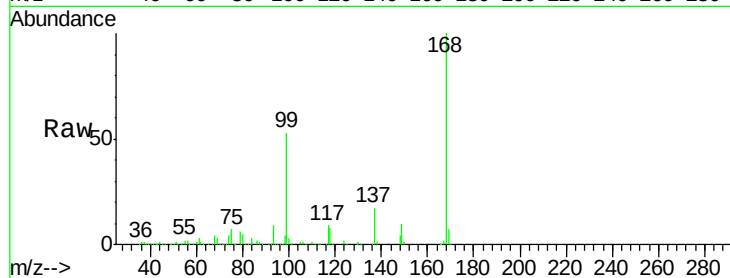
SS052OW377-180522

Tot Ion:168 Resp: 297782

Ion Ratio Lower Upper

168 100

99 53.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

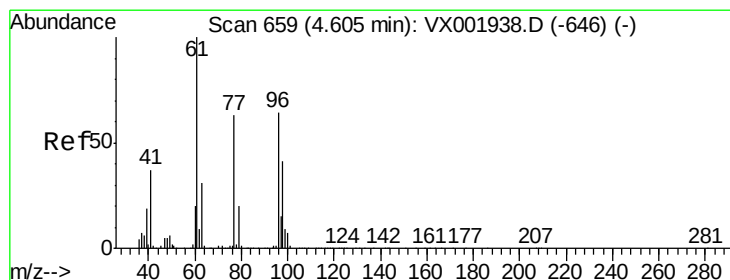
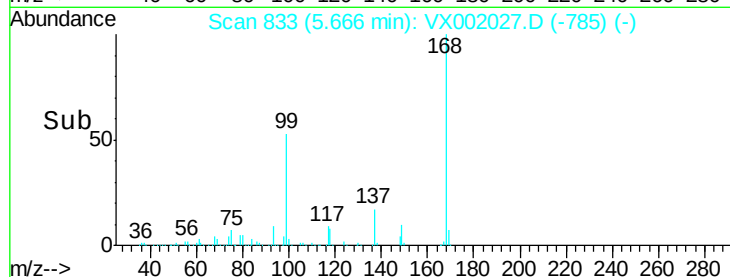
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 1.73 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX002027.D

Acq: 26 May 2018 18:59

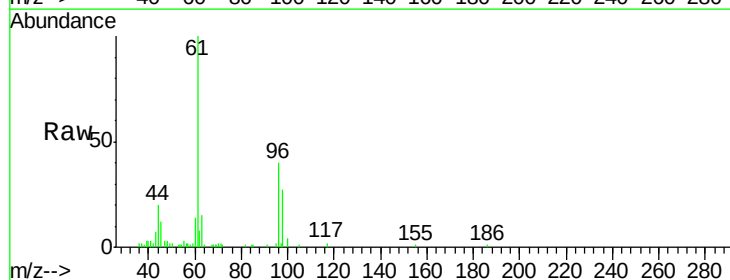
Tgt Ion: 96 Resp: 7808

Ion Ratio Lower Upper

96 100

61 343.7 0.0 348.4

98 67.2 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

8000

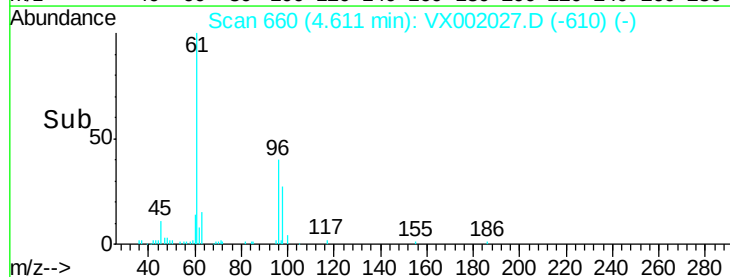
6000

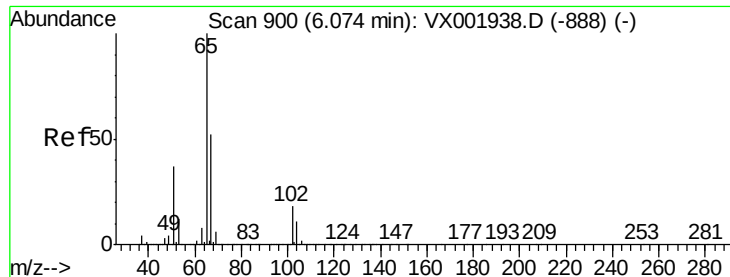
4000

2000

0

Time--> 4.50 4.60 4.70

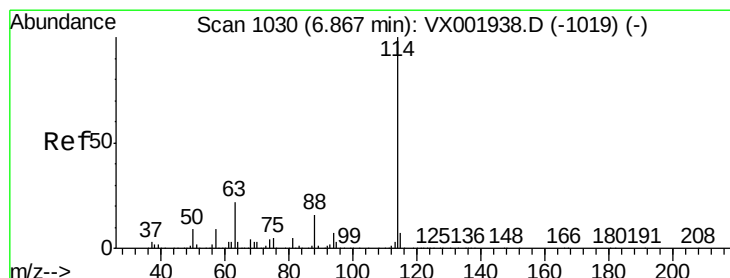
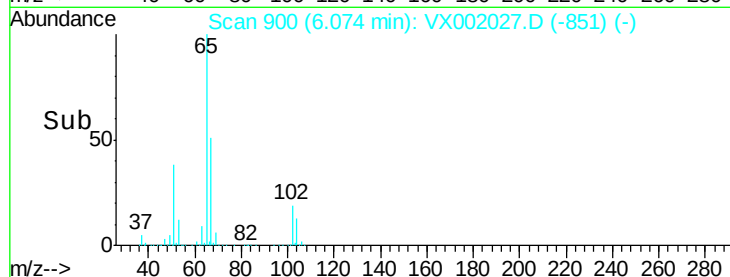
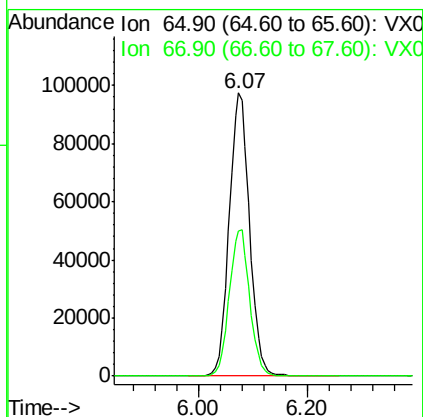
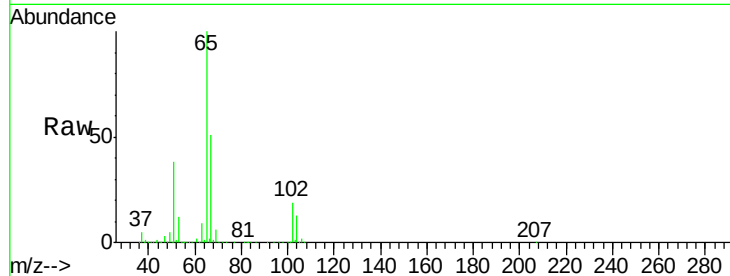




#33
 1,2-Dichloroethane-d4
 Concen: 47.70 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002027.D
 Acq: 26 May 2018 18:59

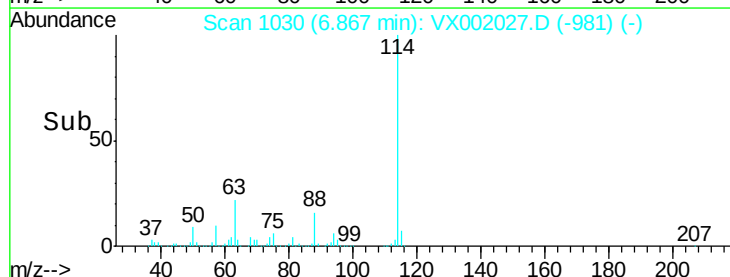
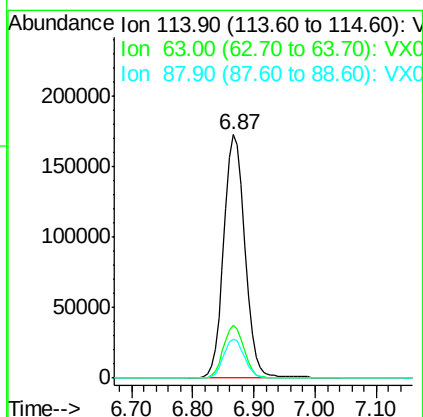
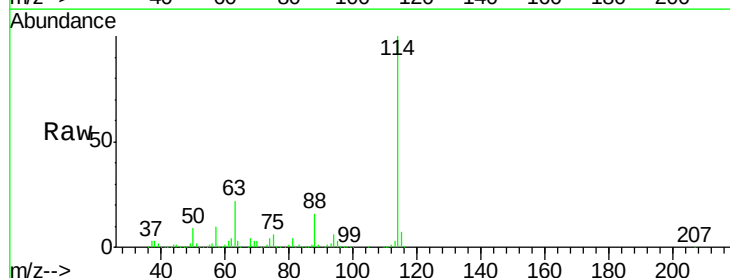
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052OW377-180522

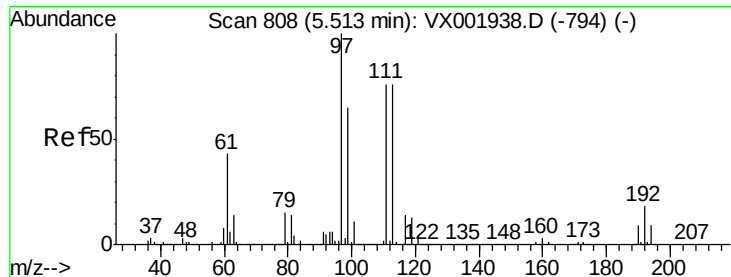
Tot Ion: 65 Resp: 253894
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002027.D
 Acq: 26 May 2018 18:59

Tgt Ion: 114 Resp: 414666
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.2
 88 15.8 0.0 31.6

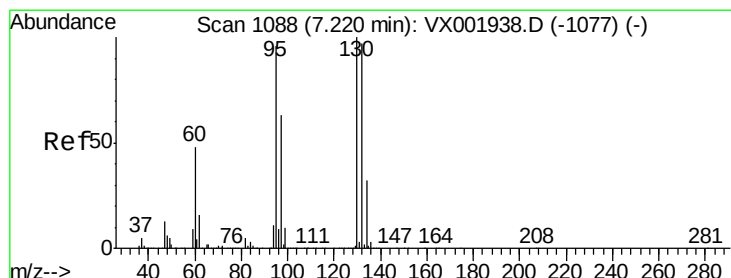
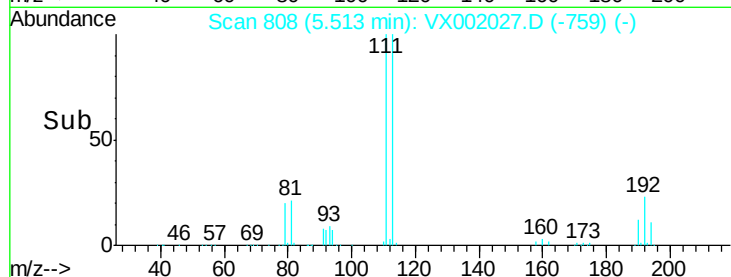
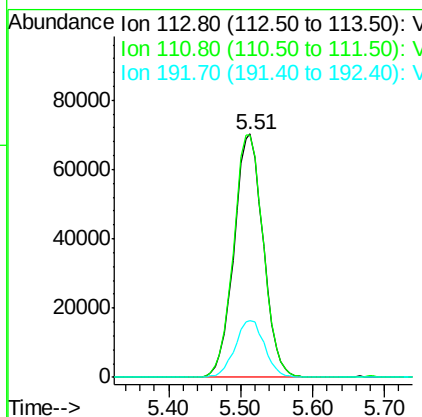
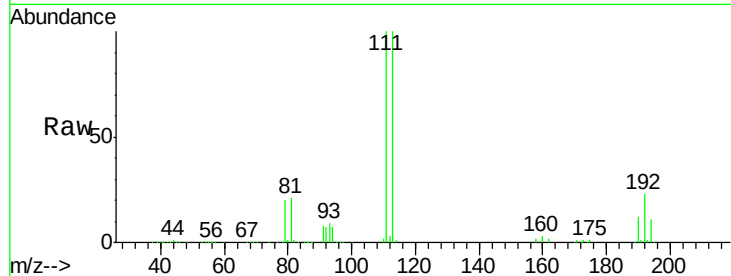




#35
 Dibromofluoromethane
 Concen: 47.71 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX002027.D
 Acq: 26 May 2018 18:59

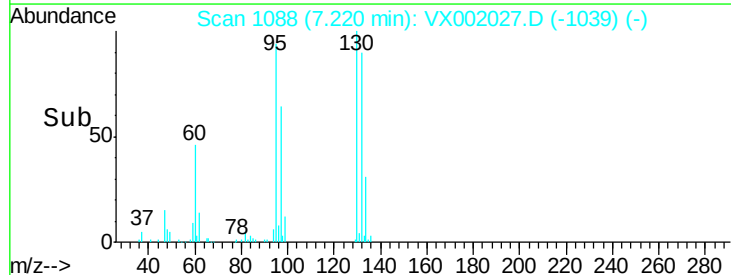
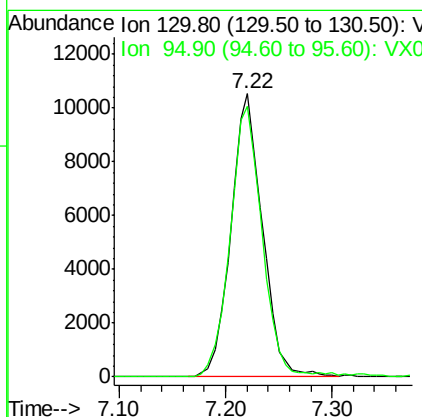
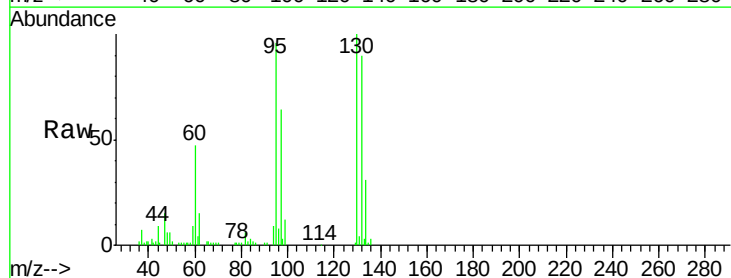
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052OW377-180522

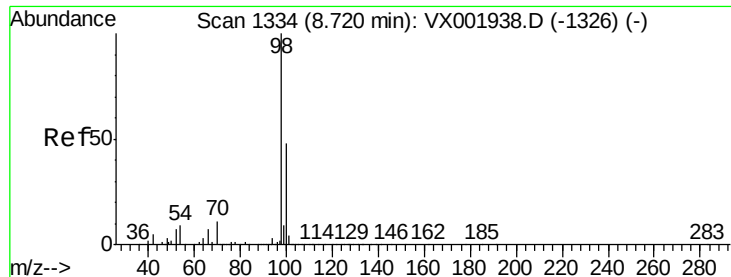
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.0	123.0
192	23.6	18.9	28.3



#44
 Trichloroethene
 Concen: 4.42 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002027.D
 Acq: 26 May 2018 18:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	192.0





#50

Toluene-d8

Concen: 49.52 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002027.D

Acq: 26 May 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

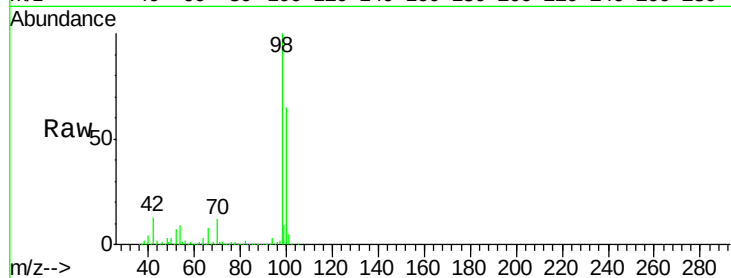
SS052OW377-180522

Tot Ion: 98 Resp: 743473

Ion Ratio Lower Upper

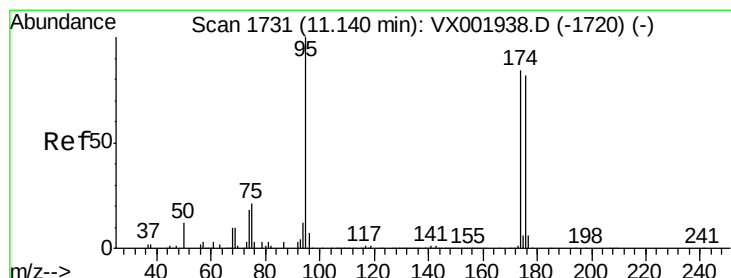
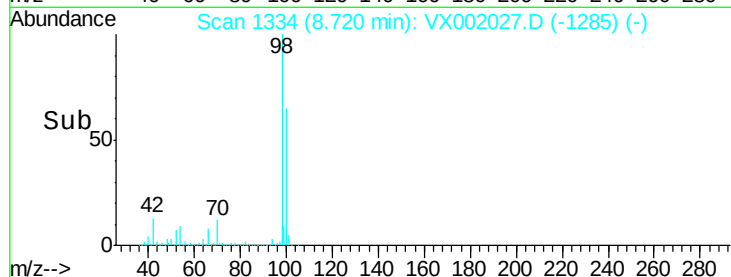
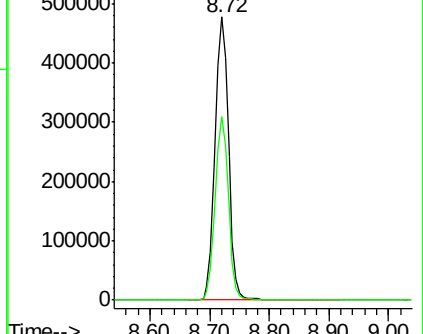
98 100

100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002027.D

Acq: 26 May 2018 18:59

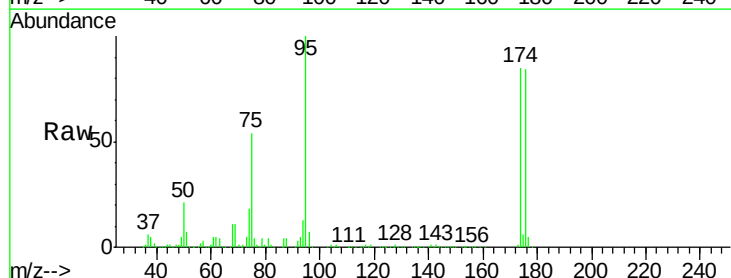
Tgt Ion: 95 Resp: 259951

Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.8

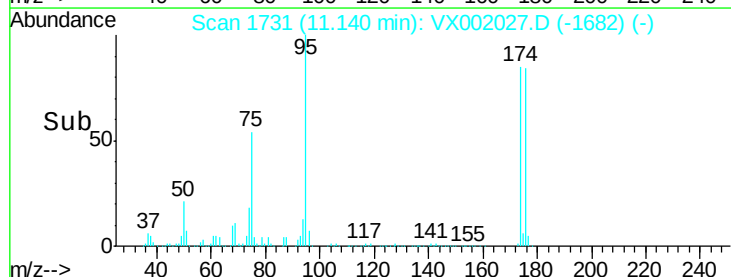
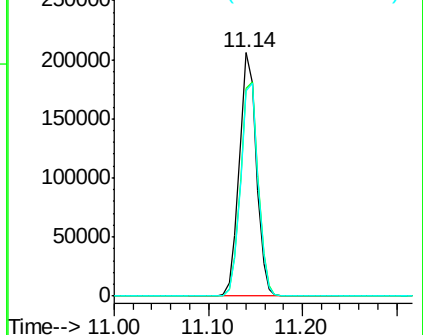
176 89.9 0.0 175.6

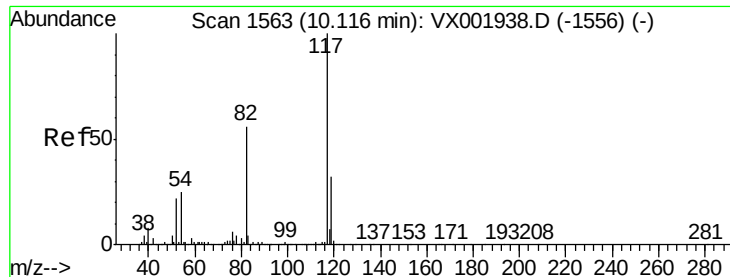


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

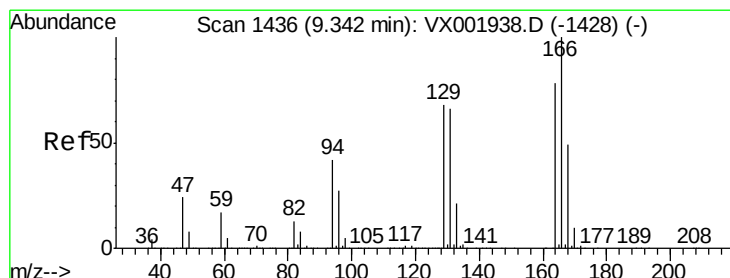
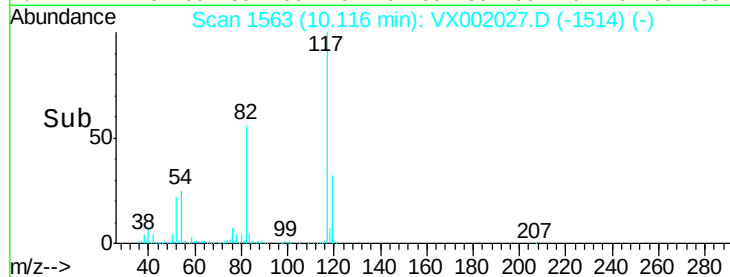
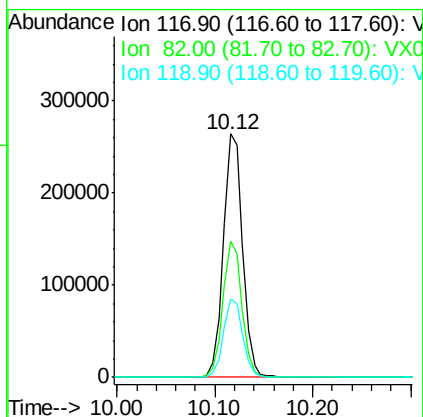
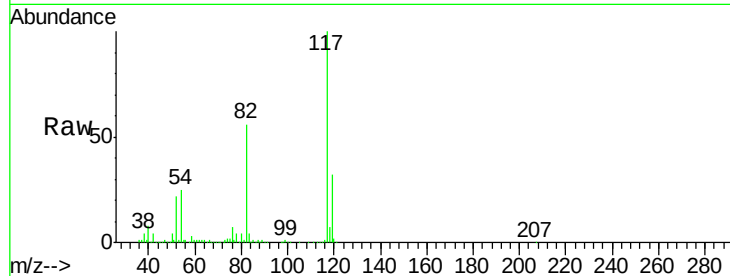




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002027.D
Acq: 26 May 2018 18:59

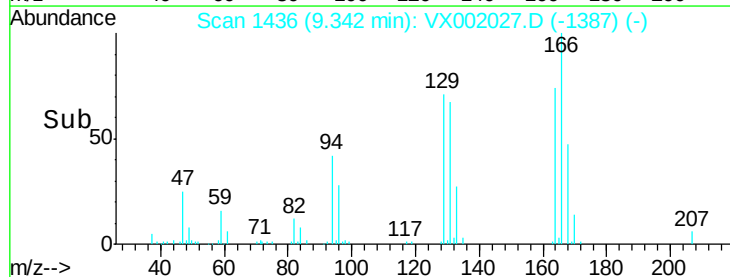
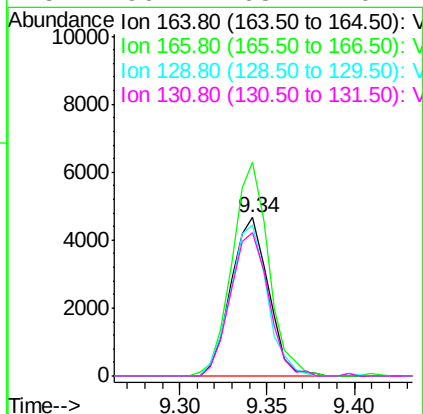
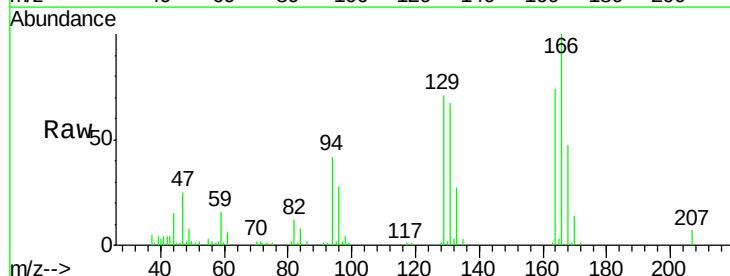
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ClientSampleId :
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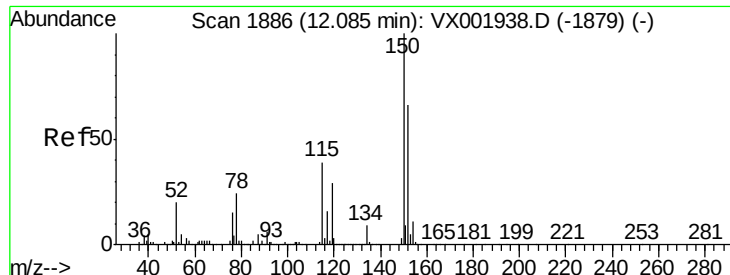
Tot Ion:117 Resp: 360562
Ion Ratio Lower Upper
117 100
82 56.0 44.8 67.2
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 1.34 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002027.D
Acq: 26 May 2018 18:59

Tgt Ion:164 Resp: 6932
Ion Ratio Lower Upper
164 100
166 134.8 102.7 154.1
129 95.2 70.3 105.5
131 90.7 68.2 102.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002027.D

Acq: 26 May 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

SS052OW377-180522

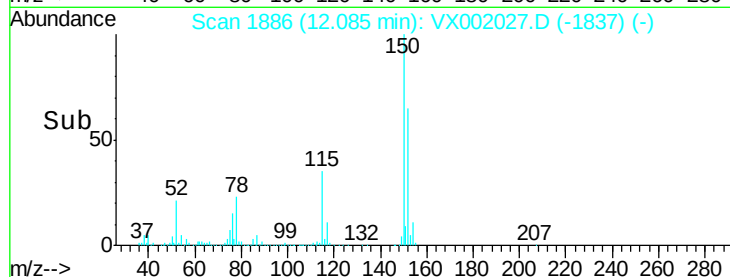
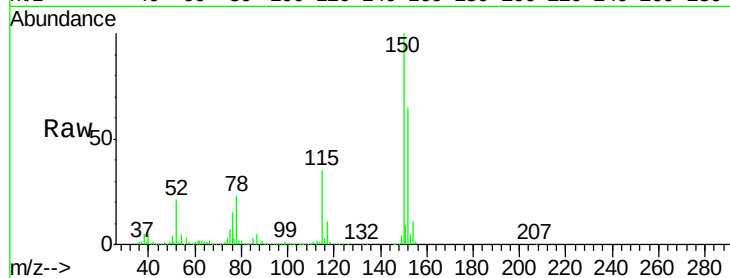
Tot Ion:152 Resp: 197060

Ion Ratio Lower Upper

152 100

115 55.8 42.3 126.8

150 155.7 0.0 351.0



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

