

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
 Data File : VX002225.D
 Acq On : 01 Jun 2018 21:16
 Operator : JC/MD
 Sample : J3151-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW352-180523

Quant Time: Jun 02 04:24:37 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

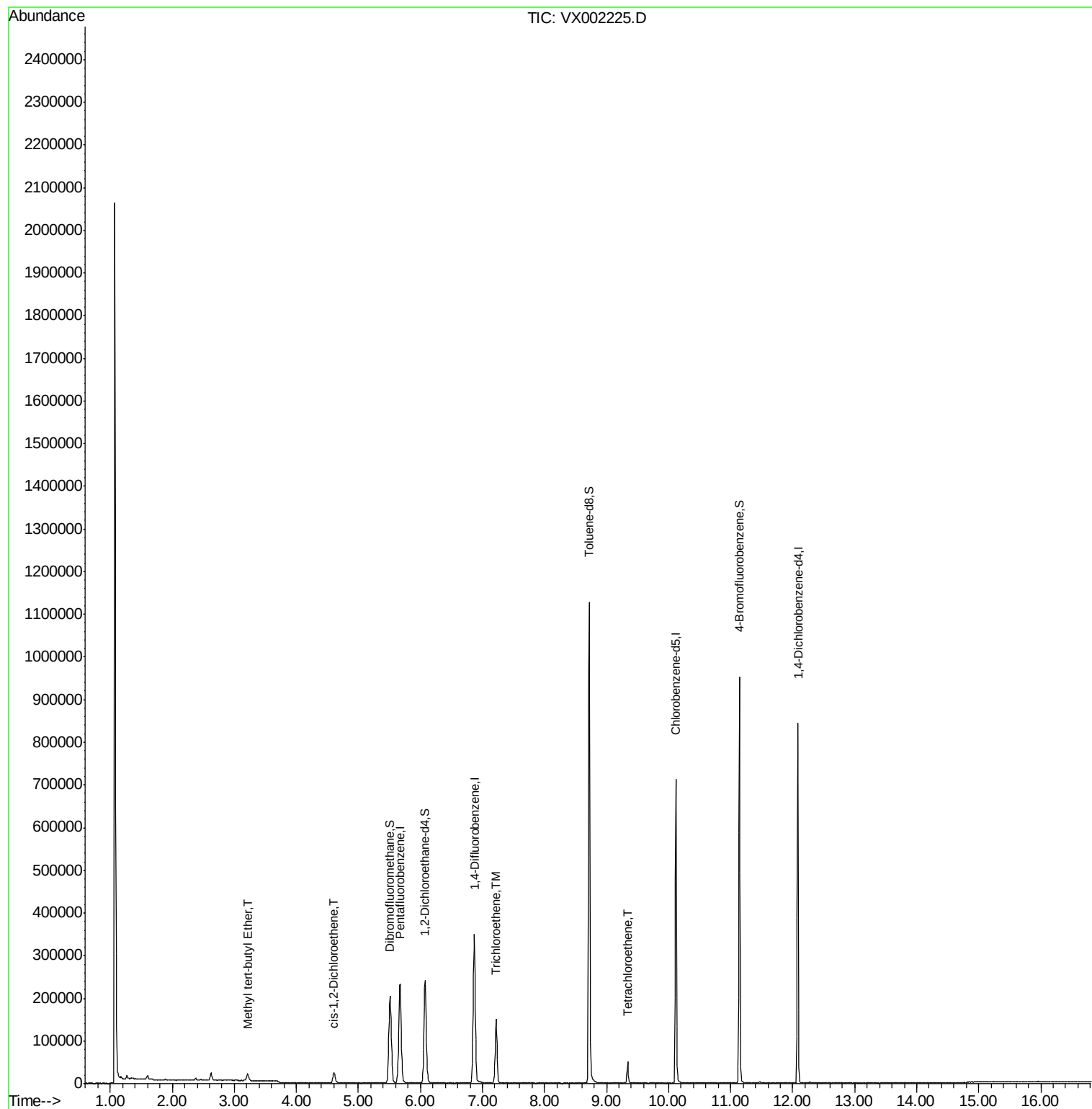
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	344073	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	230210	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	
35) Dibromofluoromethane	5.51	113	166453	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	8.72	98	662450	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
62) 4-Bromofluorobenzene	11.14	95	229150	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
Target Compounds						
19) Methyl tert-butyl Ether	3.21	73	17002	1.669	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	12944	3.666	ug/l	79
44) Trichloroethene	7.22	130	55600	13.608	ug/l	99
64) Tetrachloroethene	9.34	164	10009	2.246	ug/l	97

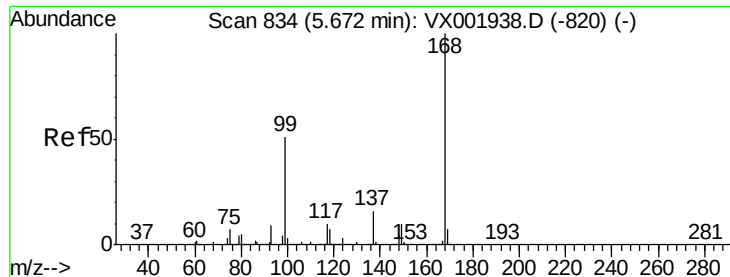
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002225.D

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Instrument :

MSVOA_X

ClientSampleId :

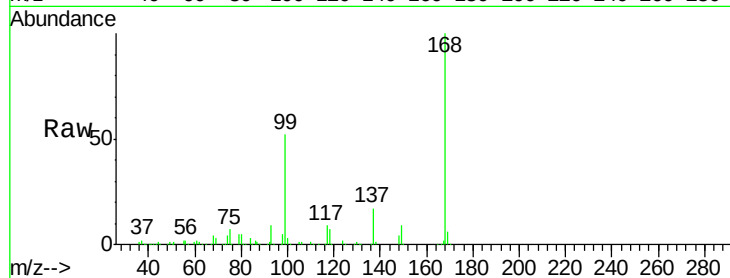
SS052MW352-180523

Tgt Ion:168 Resp: 232318

Ion Ratio Lower Upper

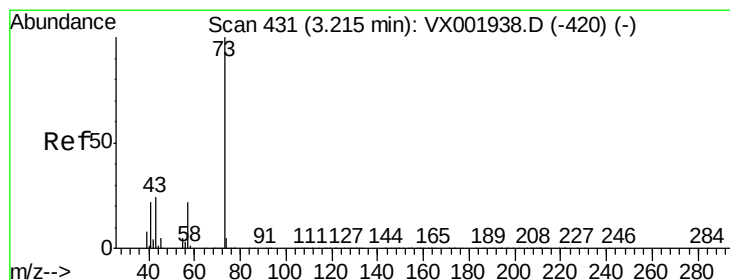
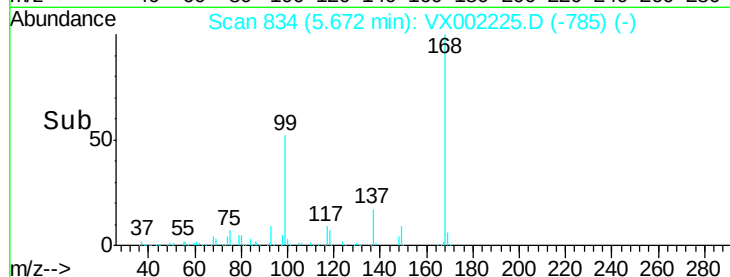
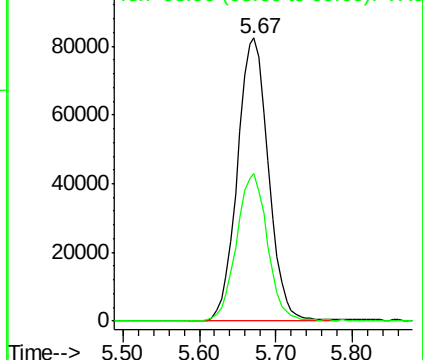
168 100

99 52.1 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#19

Methyl tert-butyl Ether

Concen: 1.669 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX002225.D

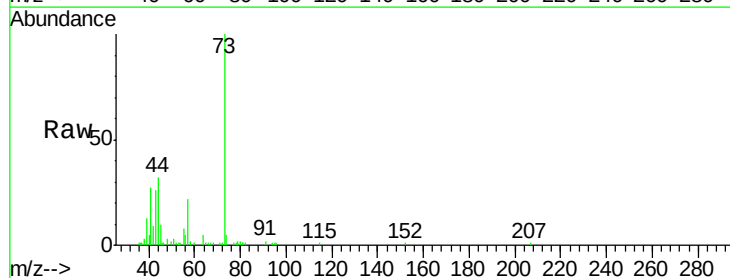
Acq: 01 Jun 2018 21:16

Tgt Ion: 73 Resp: 17002

Ion Ratio Lower Upper

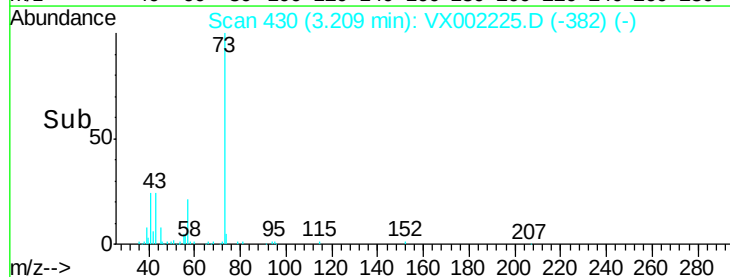
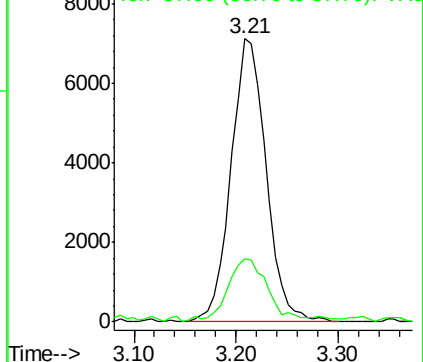
73 100

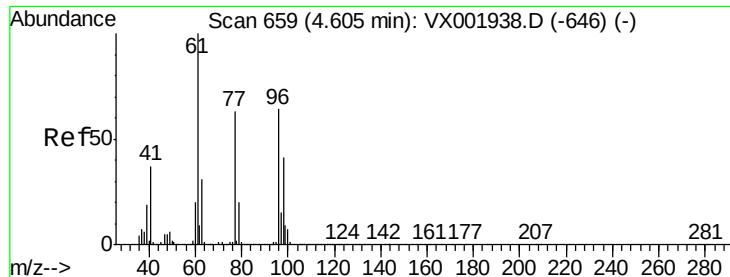
57 21.7 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



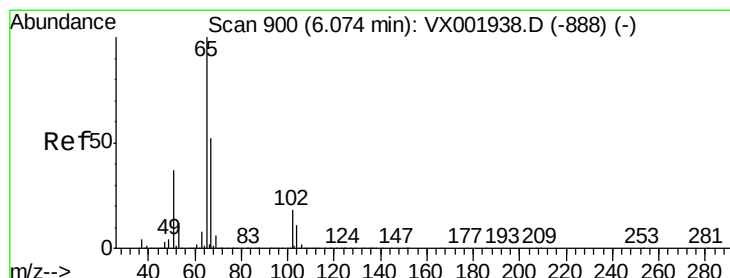
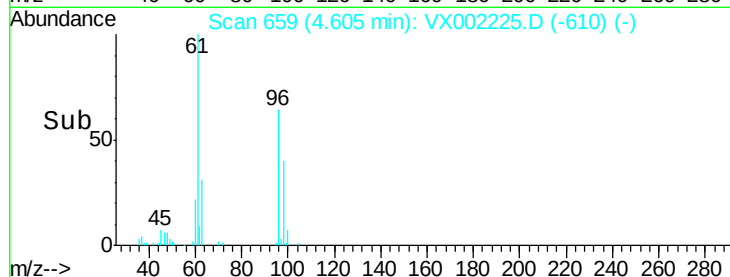
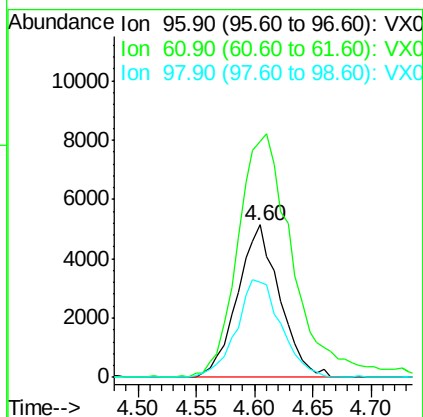
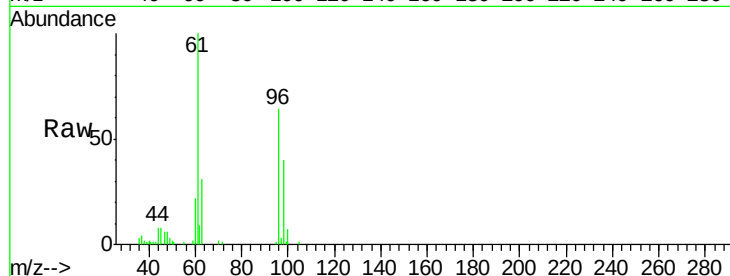


#27

cis-1,2-Dichloroethene
 Concen: 3.666 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX002225.D
 Acq: 01 Jun 2018 21:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW352-180523

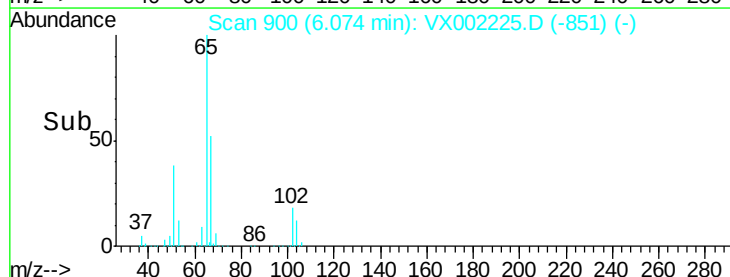
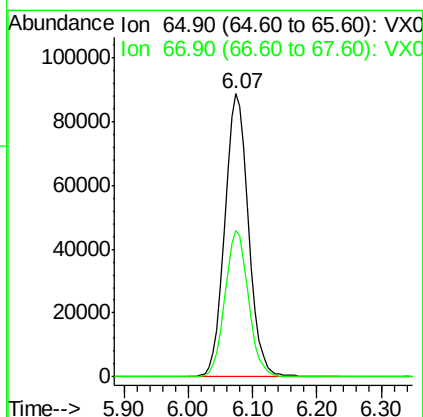
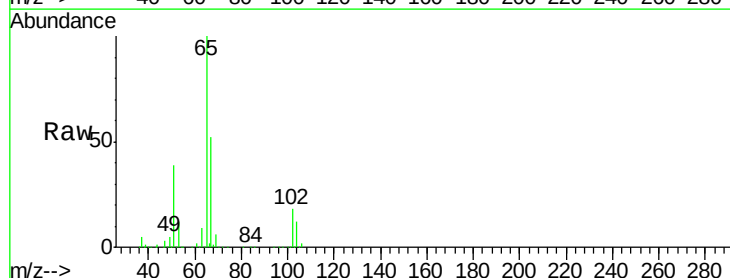
Tgt Ion: 96 Resp: 12944
 Ion Ratio Lower Upper
 96 100
 61 212.0 0.0 348.4
 98 68.0 0.0 128.6

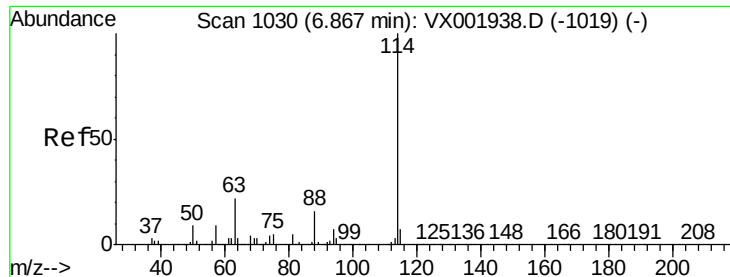


#33

1,2-Dichloroethane-d4
 Concen: 55.436 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002225.D
 Acq: 01 Jun 2018 21:16

Tgt Ion: 65 Resp: 230210
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.0

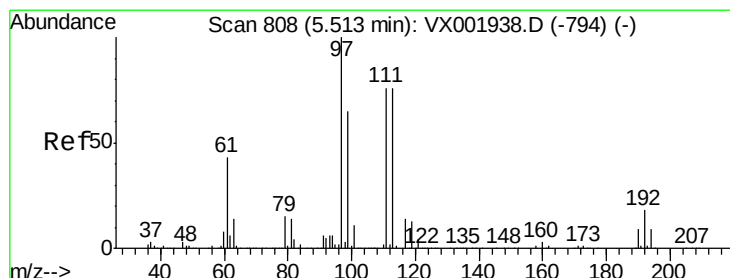
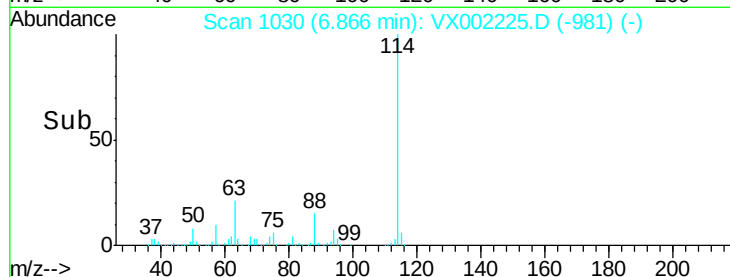
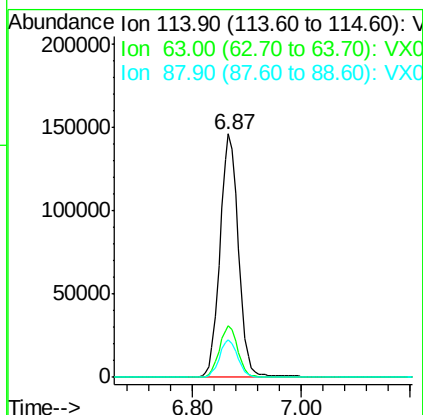
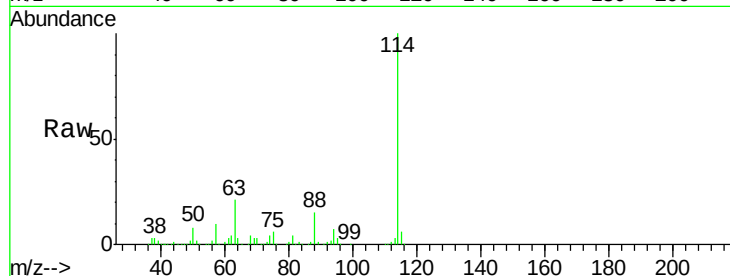




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002225.D
 Acq: 01 Jun 2018 21:16

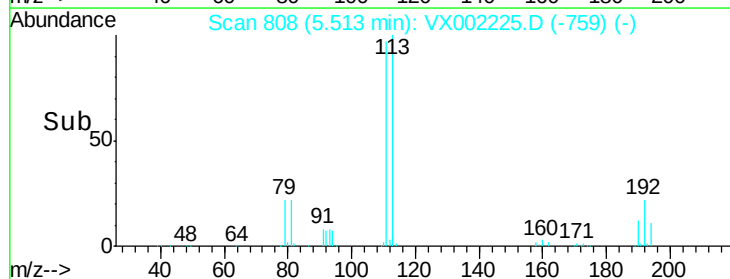
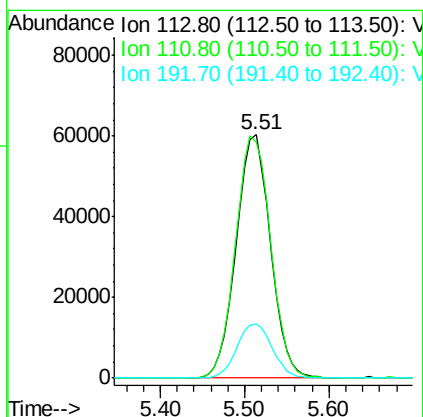
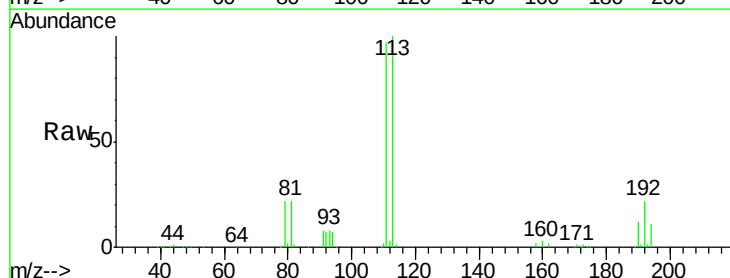
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW352-180523

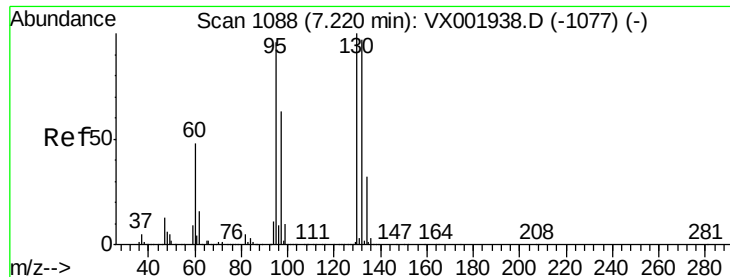
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	15.3	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 48.377 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX002225.D
 Acq: 01 Jun 2018 21:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	23.1	18.9	28.3





#44

Trichloroethene

Concen: 13.608 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002225.D

Acq: 01 Jun 2018 21:16

Instrument :

MSVOA_X

ClientSampleId :

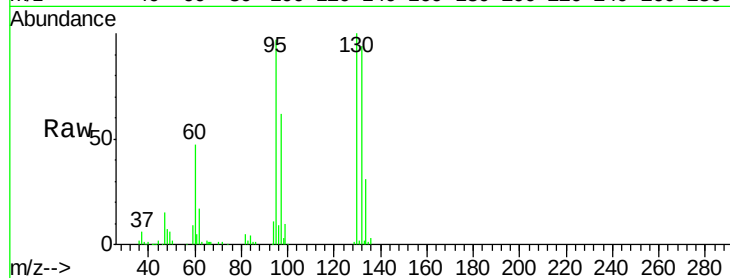
SS052MW352-180523

Tgt Ion:130 Resp: 55600

Ion Ratio Lower Upper

130 100

95 96.9 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

30000

25000

20000

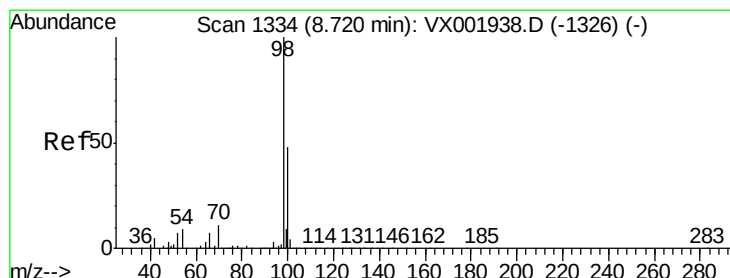
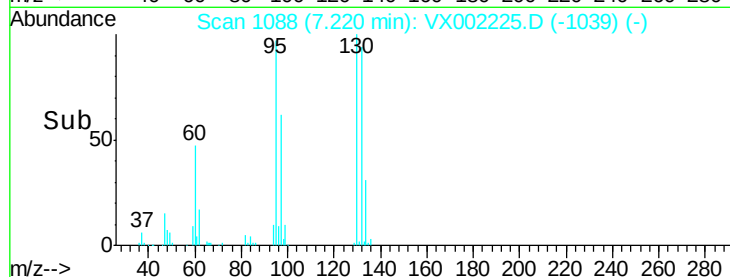
15000

10000

5000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#50

Toluene-d8

Concen: 53.180 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002225.D

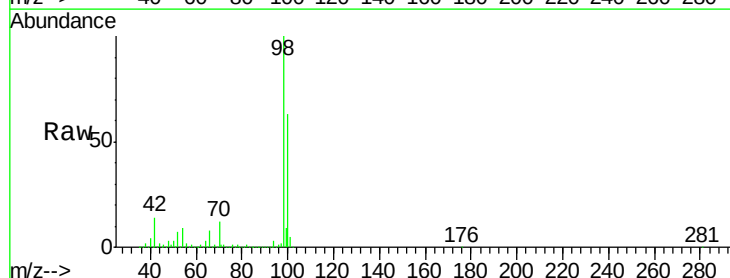
Acq: 01 Jun 2018 21:16

Tgt Ion: 98 Resp: 662450

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

500000

400000

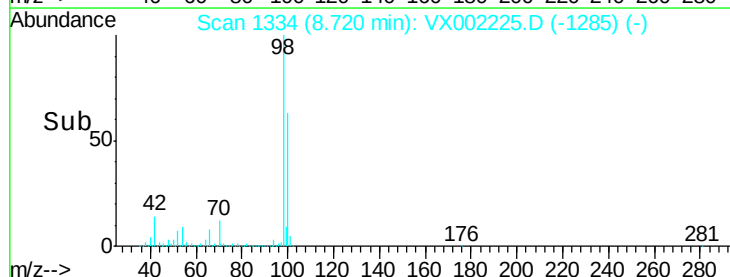
300000

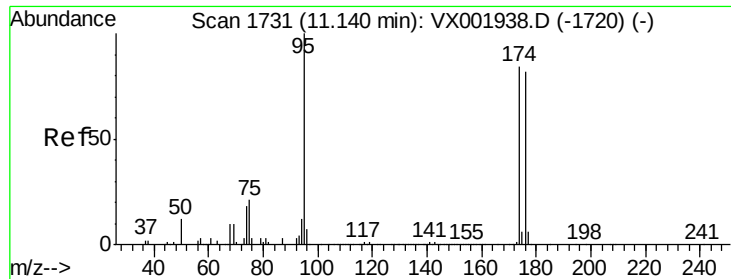
200000

100000

0

Time--> 8.60 8.70 8.80 8.90 9.00

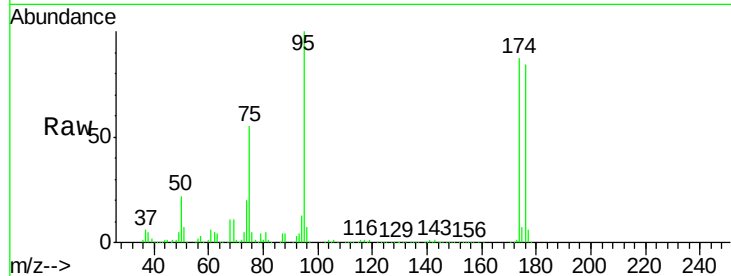




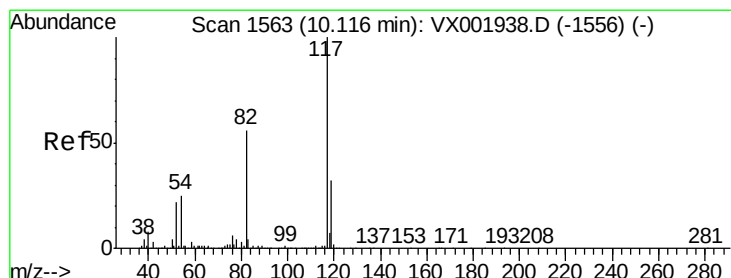
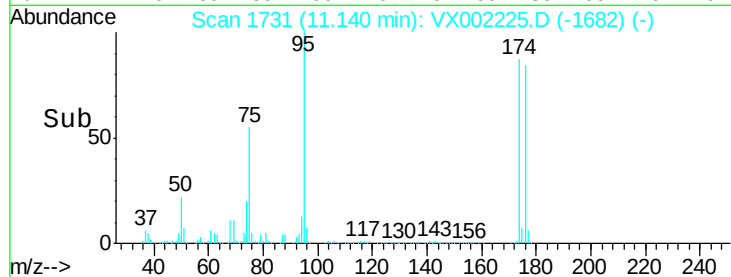
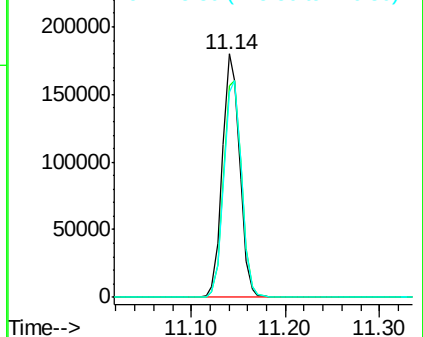
#62
4-Bromofluorobenzene
Concen: 47.017 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW352-180523

Tgt Ion: 95 Resp: 229150
Ion Ratio Lower Upper
95 100
174 92.4 0.0 178.8
176 90.8 0.0 175.6

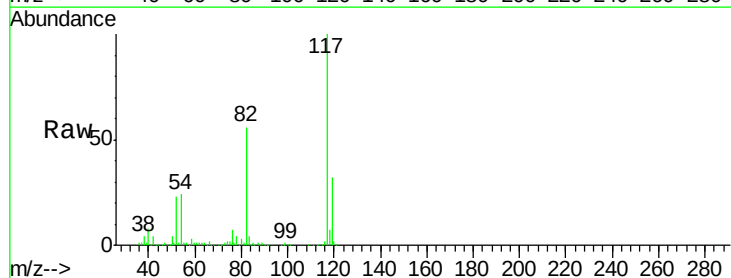


Abundance Ion 94.90 (94.60 to 95.60): VX
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

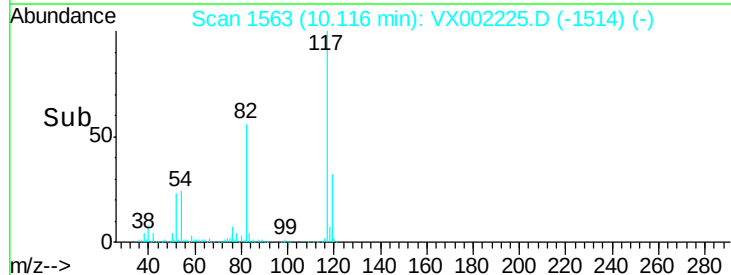
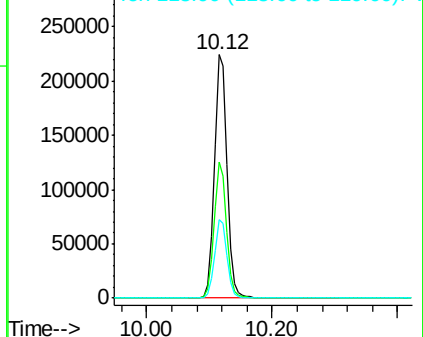


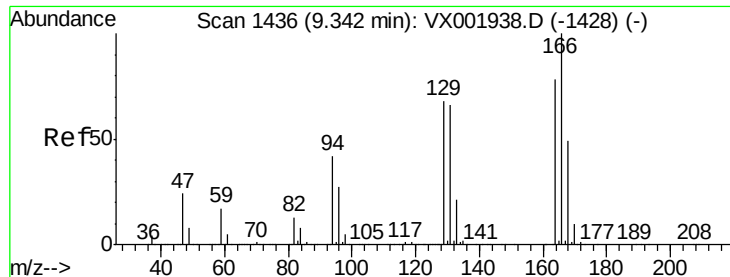
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion: 117 Resp: 310762
Ion Ratio Lower Upper
117 100
82 55.9 44.8 67.2
119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

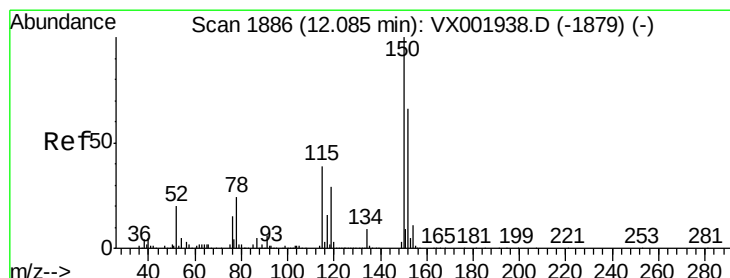
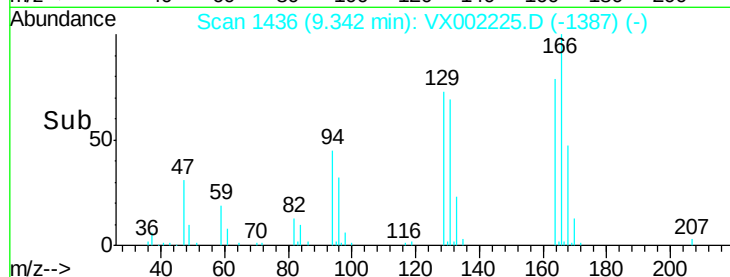
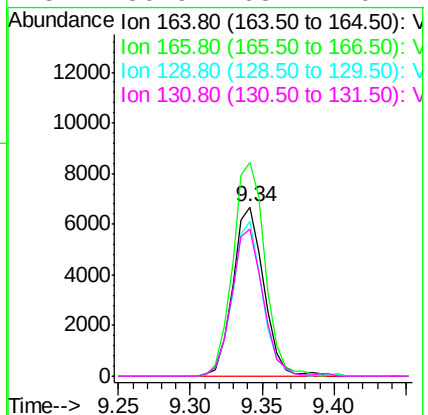
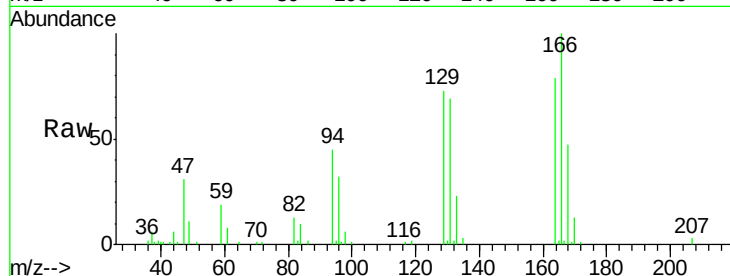




#64
Tetrachloroethene
Concen: 2.246 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :
SS052MW352-180523

Tgt Ion:164 Resp: 10009
Ion Ratio Lower Upper
164 100
166 126.1 102.7 154.1
129 91.7 70.3 105.5
131 86.9 68.2 102.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion:152 Resp: 170418
Ion Ratio Lower Upper
152 100
115 55.0 42.3 126.8
150 155.8 0.0 351.0

