

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX053018\
 Data File : VX002146.D
 Acq On : 30 May 2018 19:32
 Operator : JC/MD
 Sample : J3165-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-31

Quant Time: Jun 08 13:43:44 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

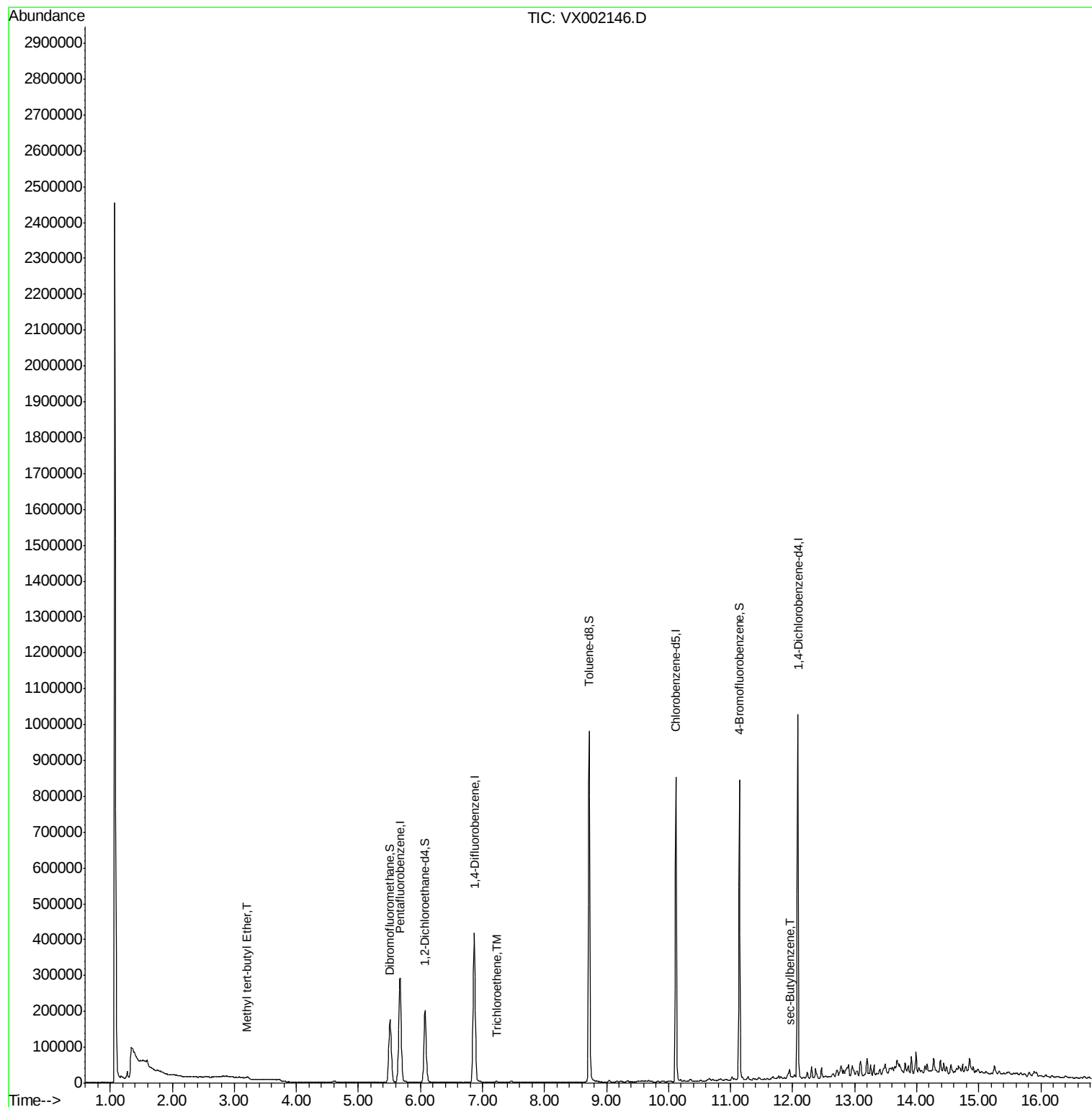
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	416285	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	190489	36.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.48%	
35) Dibromofluoromethane	5.51	113	144963	34.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.64%	
50) Toluene-d8	8.72	98	574212	38.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.20%	
62) 4-Bromofluorobenzene	11.14	95	206593	35.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.08%	
Target Compounds						
19) Methyl tert-butyl Ether	3.21	73	5016	0.39	ug/l	98
44) Trichloroethene	7.22	130	1185	0.24	ug/l	82
85) sec-Butylbenzene	11.95	105	11146	0.62	ug/l	79

(#) = 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# 834

Delta R.T. -0.00 min

Lab File: VX002146.D

Acq: 30 May 2018 19:32

Instrument :

MSVOA_X

ClientSampled :

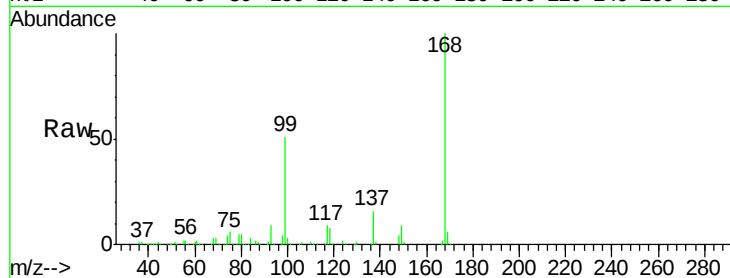
MW-31

Tot Ion:168 Resp: 294049

Ion Ratio Lower Upper

168 100

99 50.6 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

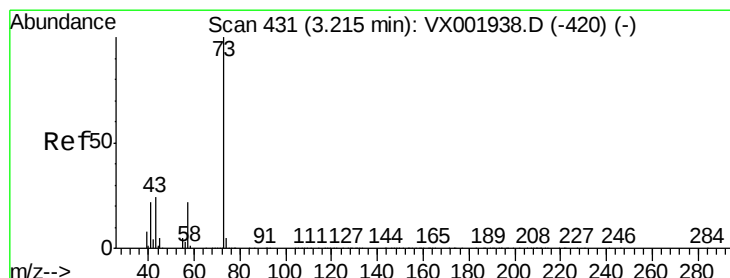
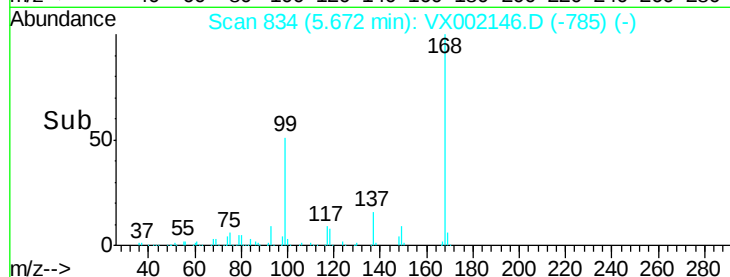
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#19

Methyl tert-butyl Ether

Concen: 0.39 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX002146.D

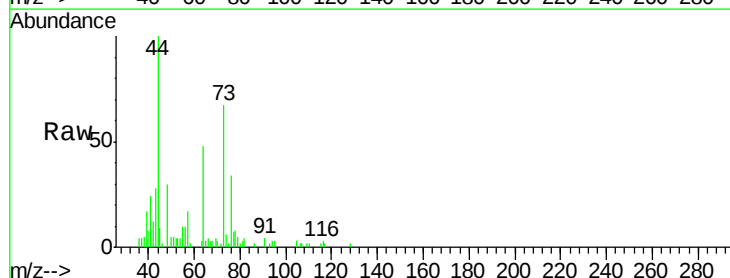
Acq: 30 May 2018 19:32

Tgt Ion: 73 Resp: 5016

Ion Ratio Lower Upper

73 100

57 20.8 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

2500

2000

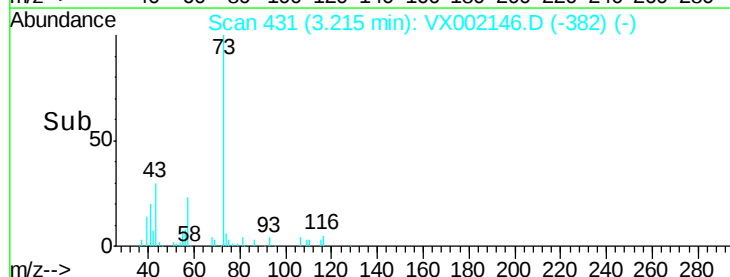
1500

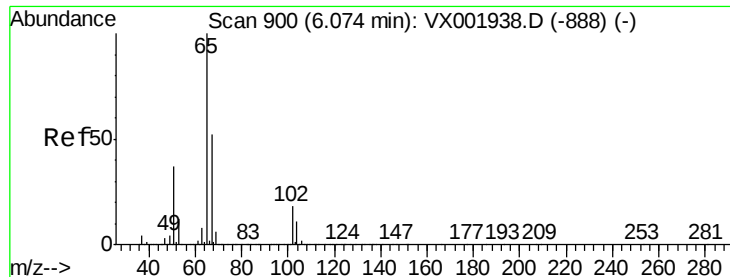
1000

500

0

Time--> 3.10 3.15 3.20 3.25 3.30

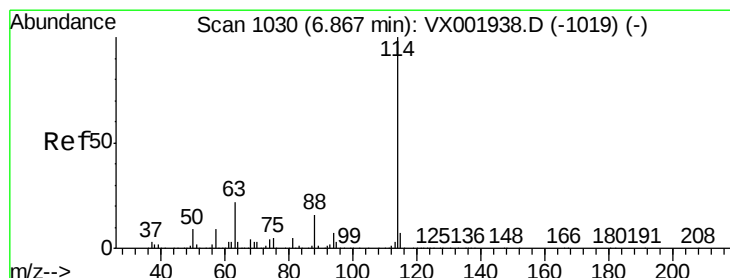
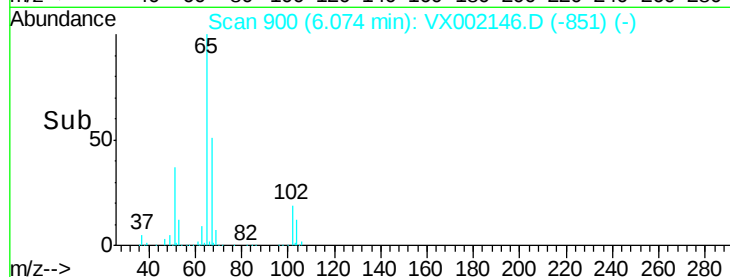
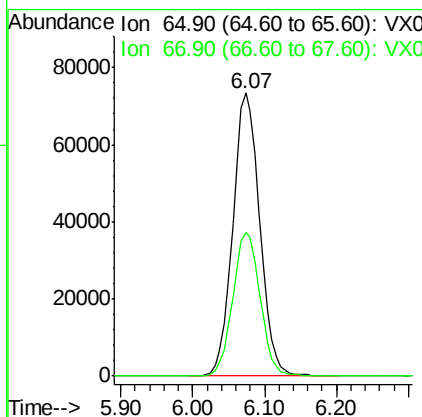
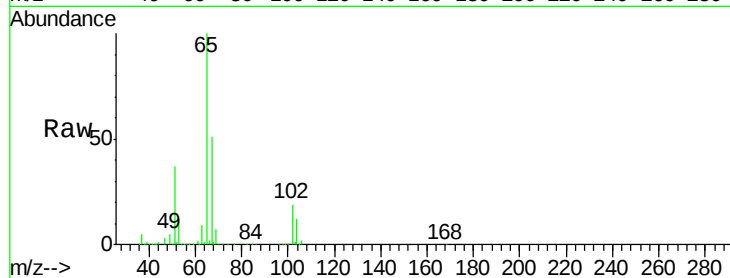




#33
 1,2-Dichloroethane-d4
 Concen: 36.24 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002146.D
 Acq: 30 May 2018 19:32

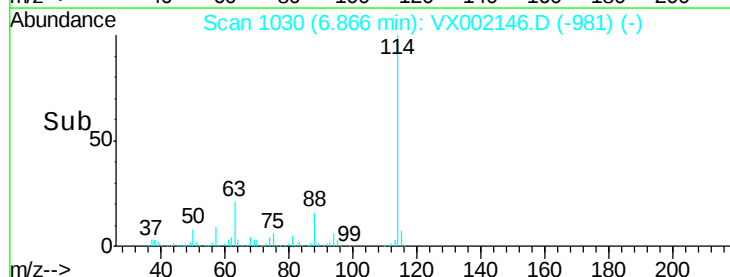
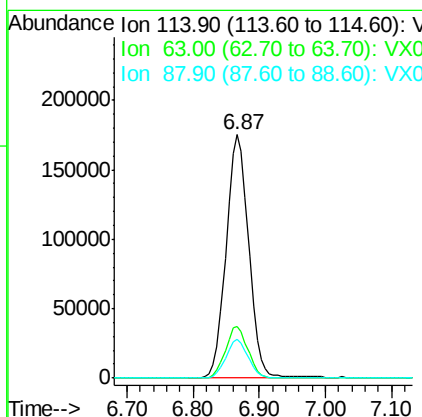
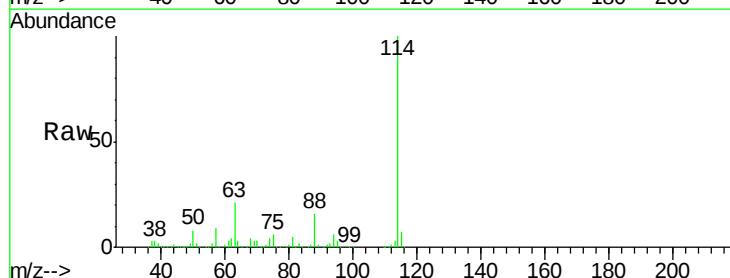
Instrument :
 MSVOA_X
 ClientSampled :
 MW-31

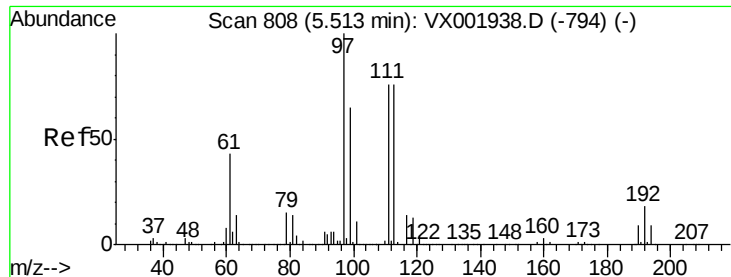
Tot Ion: 65 Resp: 190489
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002146.D
 Acq: 30 May 2018 19:32

Tgt Ion: 114 Resp: 416285
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 15.9 0.0 31.6

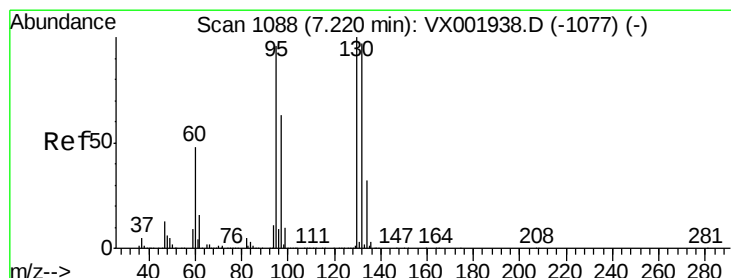
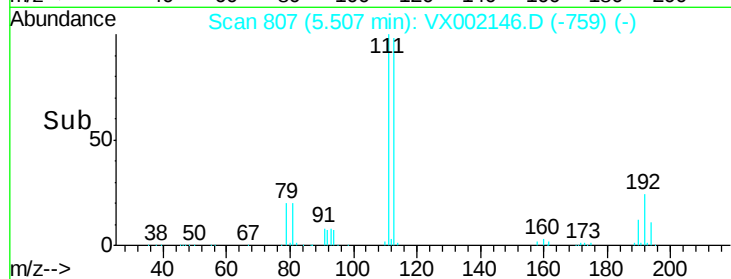
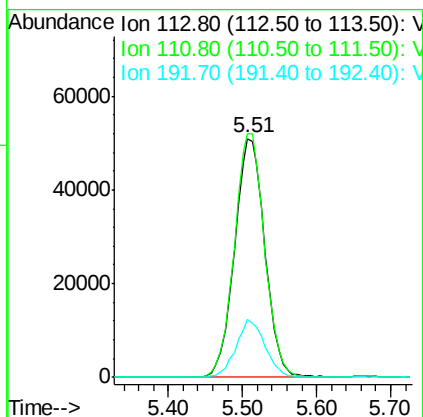
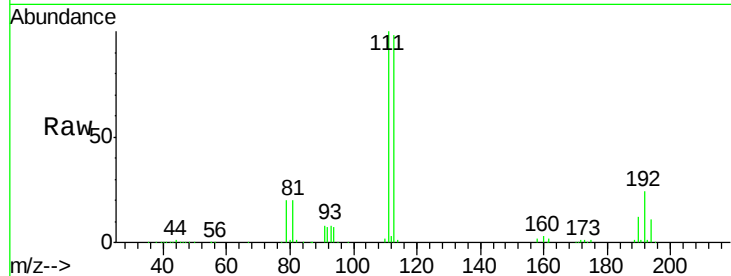




#35
 Dibromofluoromethane
 Concen: 34.82 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002146.D
 Acq: 30 May 2018 19:32

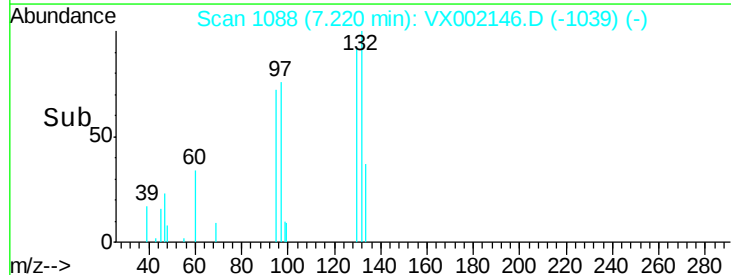
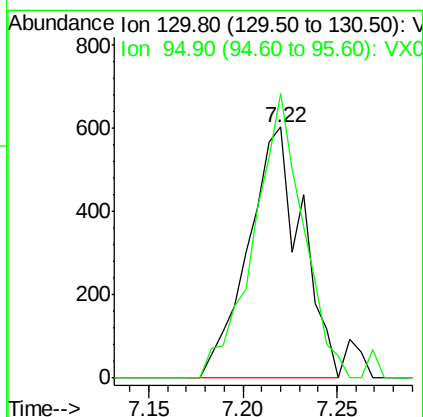
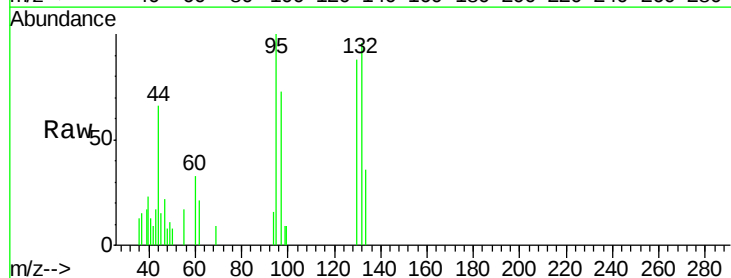
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-31

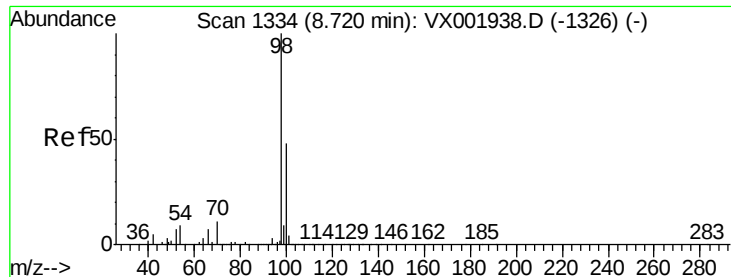
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	23.2	18.9	28.3



#44
 Trichloroethene
 Concen: 0.24 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002146.D
 Acq: 30 May 2018 19:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	113.5	0.0	192.0





#50

Toluene-d8

Concen: 38.10 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002146.D

Acq: 30 May 2018 19:32

Instrument :

MSVOA_X

ClientSampleId :

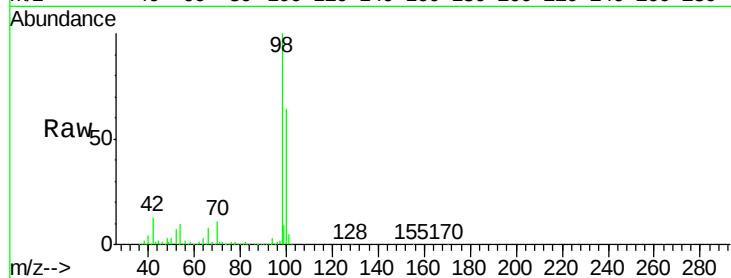
MW-31

Tot Ion: 98 Resp: 574212

Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

300000

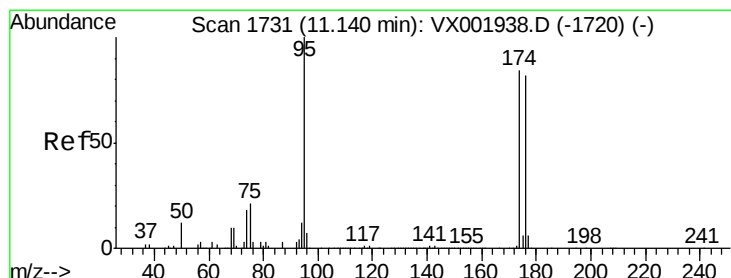
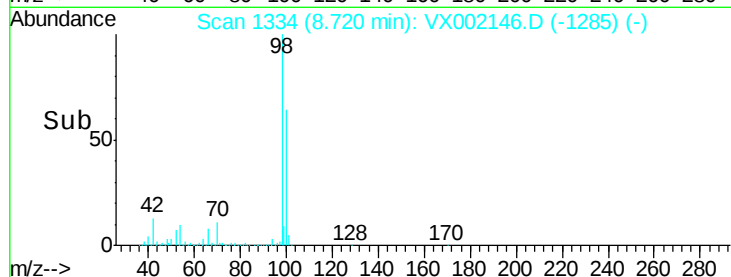
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 35.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002146.D

Acq: 30 May 2018 19:32

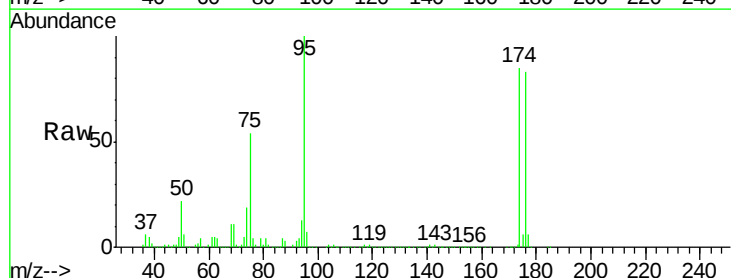
Tgt Ion: 95 Resp: 206593

Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.8

176 89.7 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

200000

150000

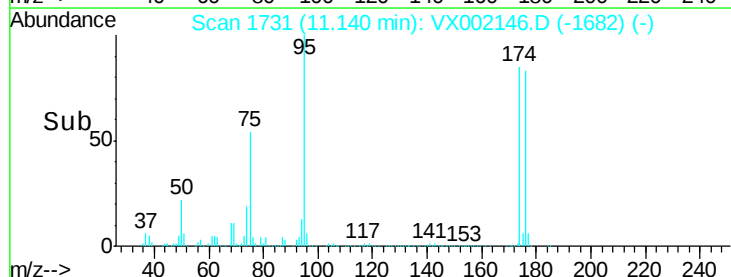
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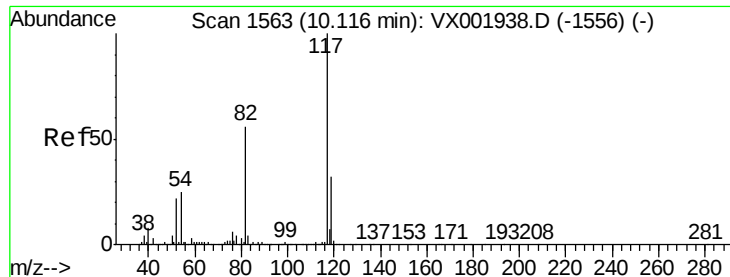
50000

0

Time-->

11.10 11.20

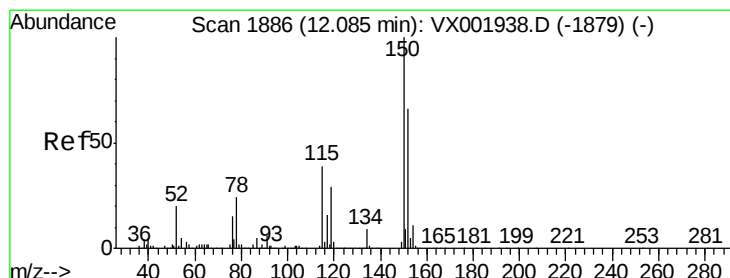
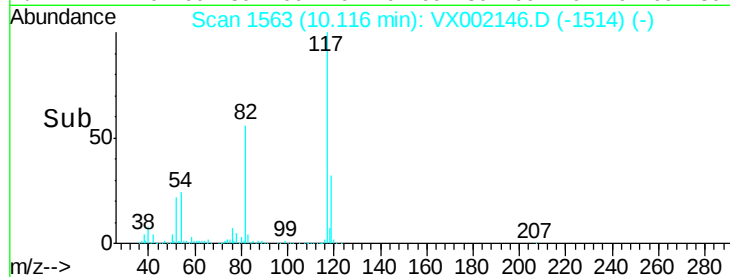
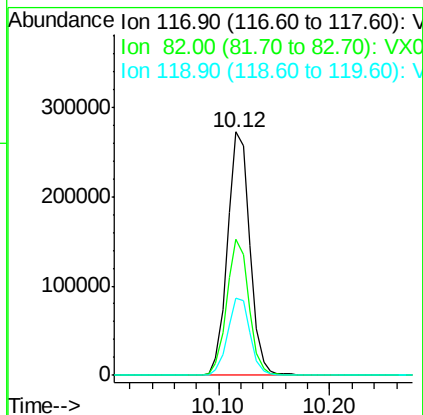
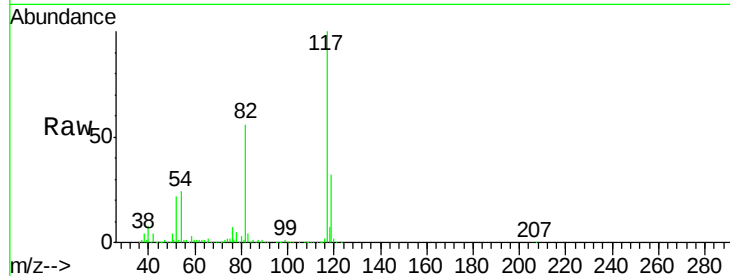




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002146.D
Acq: 30 May 2018 19:32

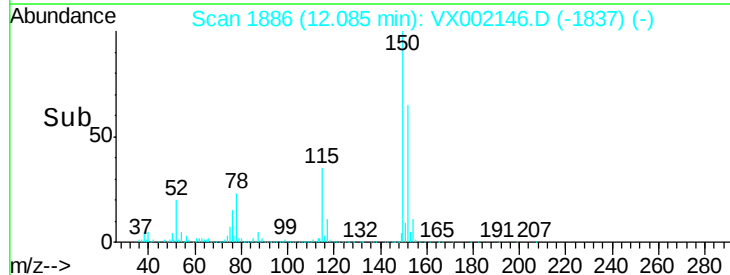
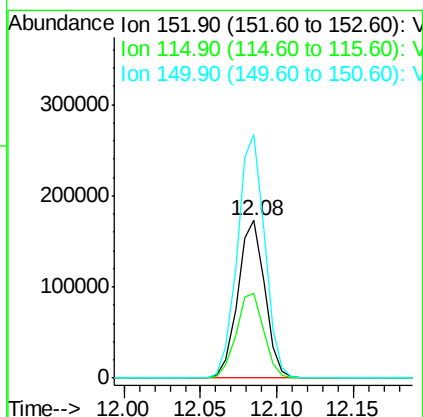
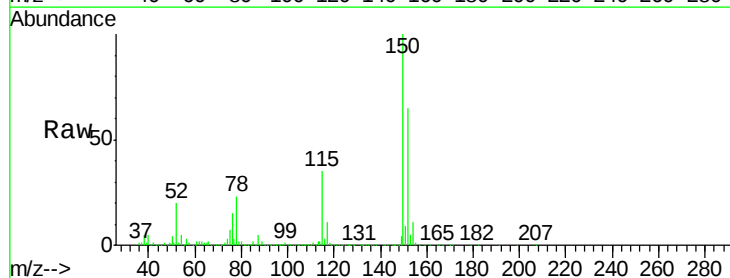
Instrument :
MSVOA_X
ClientSampleId :
MW-31

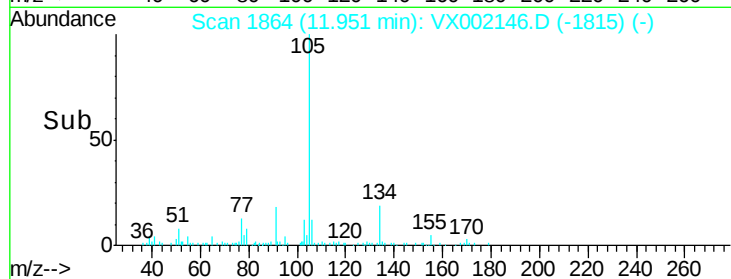
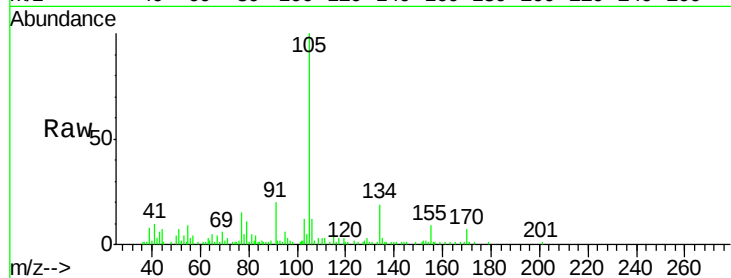
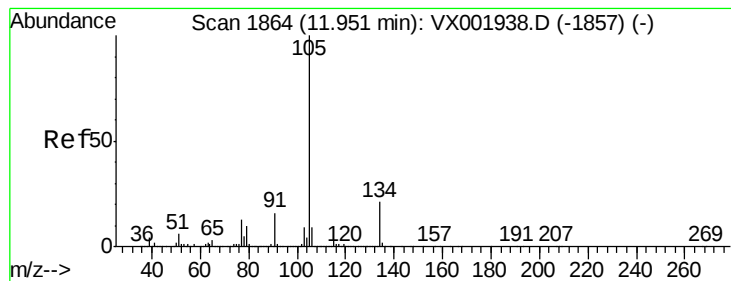
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.8	67.2
119	31.7	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002146.D
Acq: 30 May 2018 19:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	42.3	126.8
150	156.5	0.0	351.0





#85

sec-Butylbenzene

Concen: 0.62 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002146.D

Acq: 30 May 2018 19:32

Instrument :

MSVOA_X

ClientSampleId :

MW-31

Tot Ion:105 Resp: 11146

Ion Ratio Lower Upper

105 100

134 30.9 10.4 31.4

