

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004925.D
 Acq On : 02 Oct 2018 18:07
 Operator : JC/MD
 Sample : PB113364ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#03

Quant Time: Oct 03 05:26:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

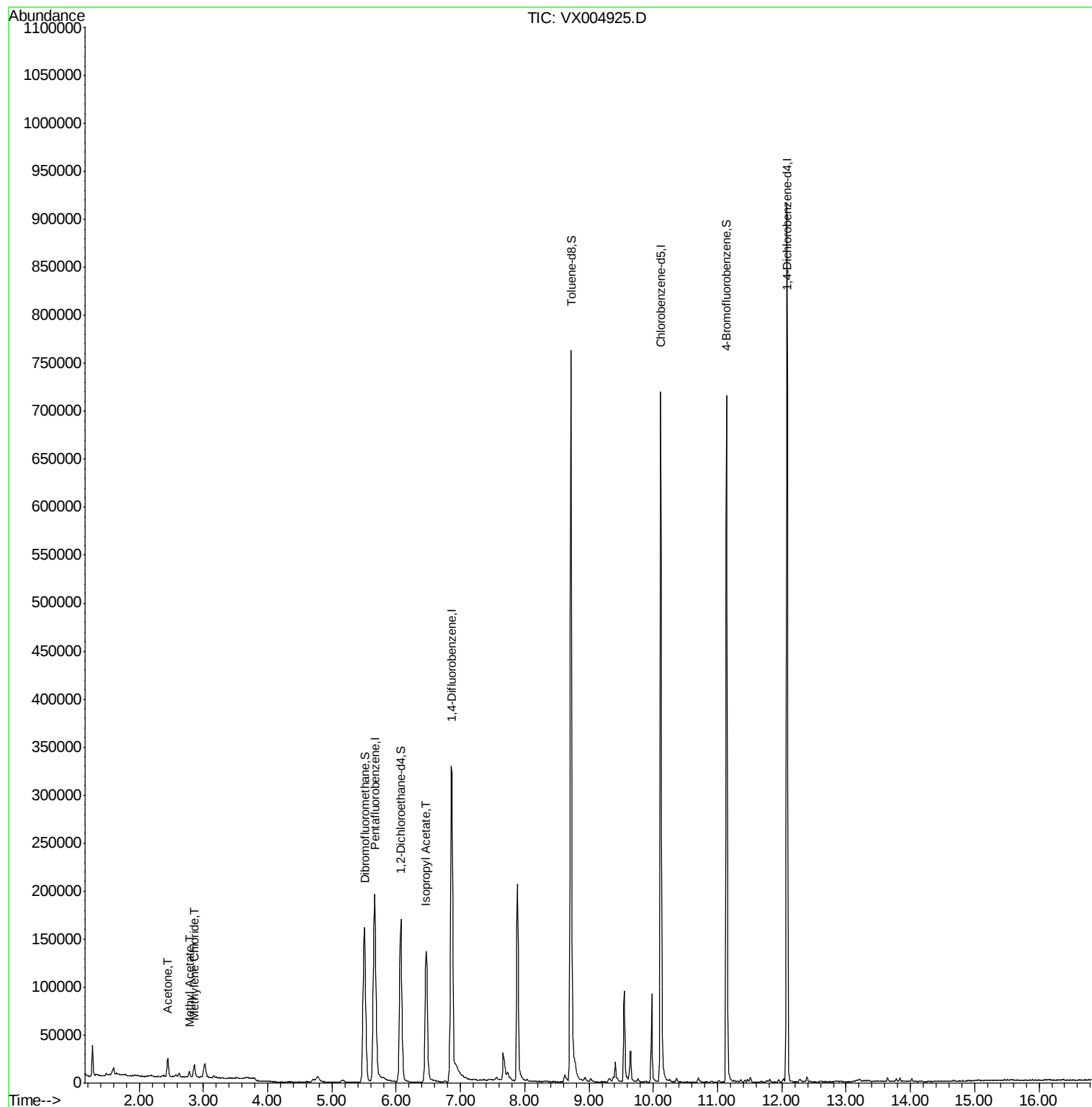
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	350181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162605	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
35) Dibromofluoromethane	5.51	113	137873	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
50) Toluene-d8	8.72	98	508719	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.14	95	182481	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
Target Compounds						
16) Acetone	2.45	43	21229	12.269	ug/l	93
18) Methyl Acetate	2.78	43	6358	1.450	ug/l	97
20) Methylene Chloride	2.86	84	5981	1.564	ug/l	98
43) Isopropyl Acetate	6.46	43	192388	24.799	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# 740

Delta R.T. 0.01 min

Lab File: VX004925.D

Acq: 02 Oct 2018 18:07

Instrument :

MSVOA_X

ClientSampleId :

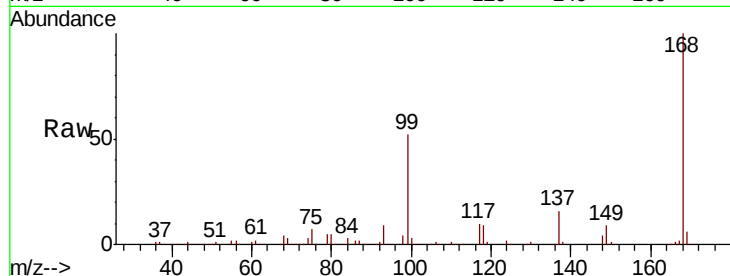
PB113364ZHE#03

Tot Ion:168 Resp: 207481

Ion Ratio Lower Upper

168 100

99 51.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

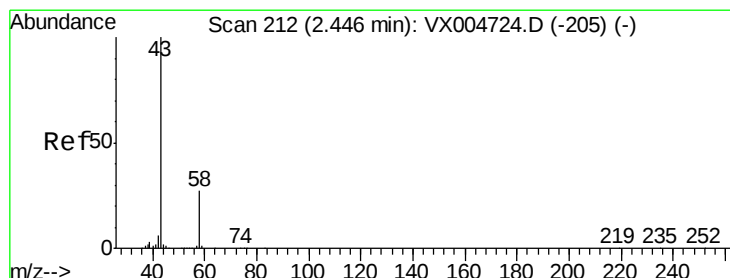
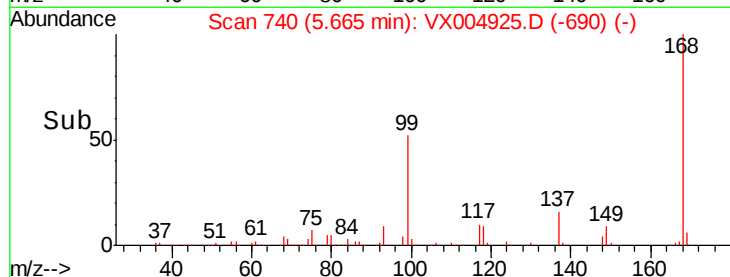
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 12.269 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004925.D

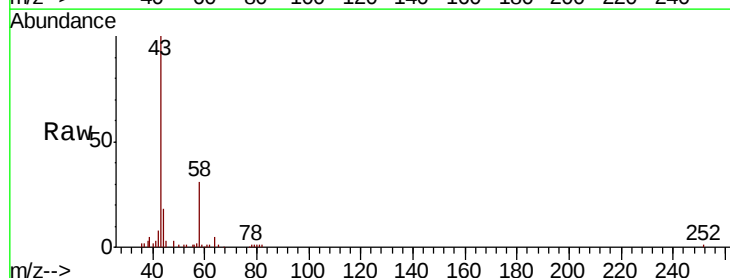
Acq: 02 Oct 2018 18:07

Tgt Ion: 43 Resp: 21229

Ion Ratio Lower Upper

43 100

58 30.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

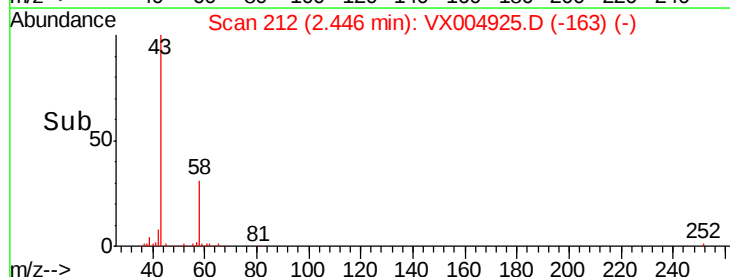
15000

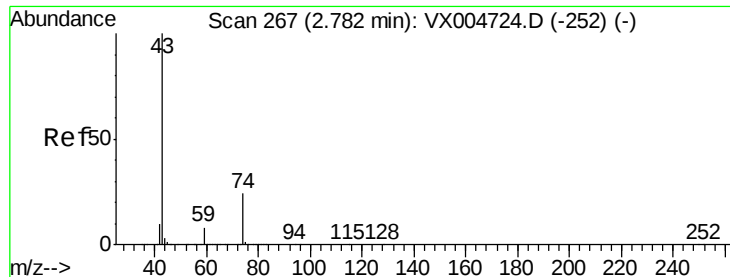
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

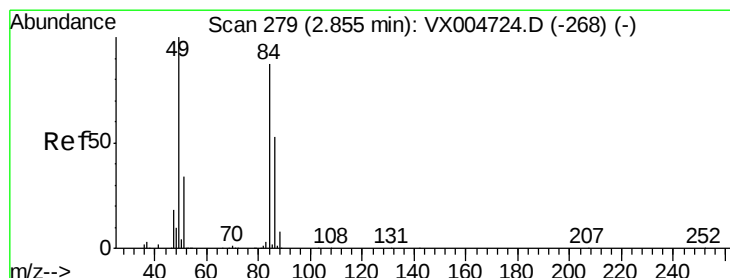
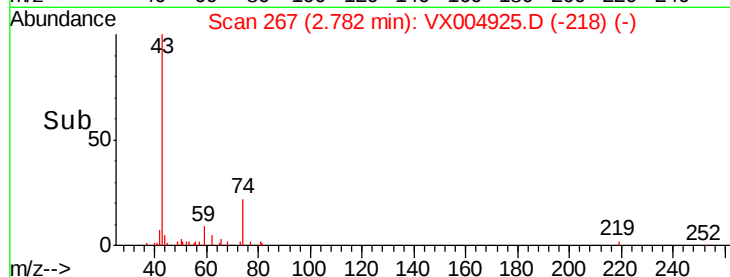
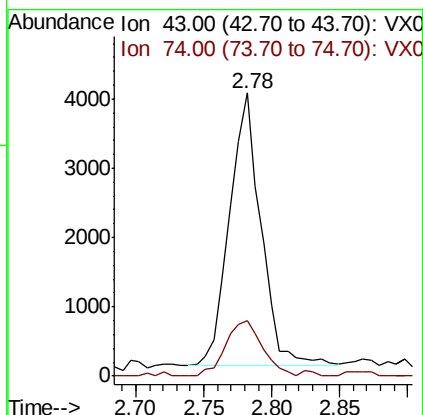
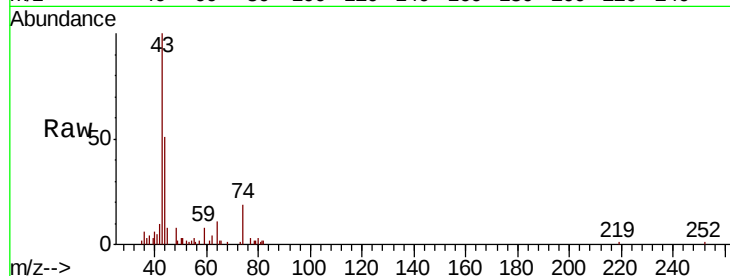




#18
Methyl Acetate
Concen: 1.450 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004925.D
Acq: 02 Oct 2018 18:07

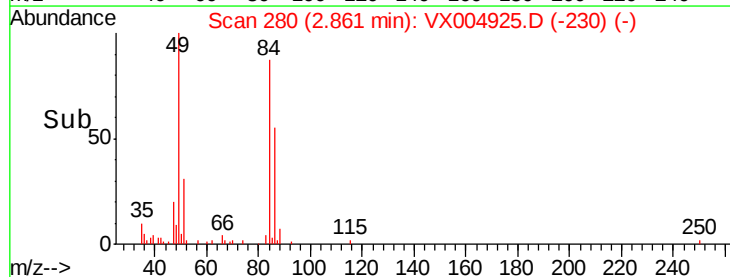
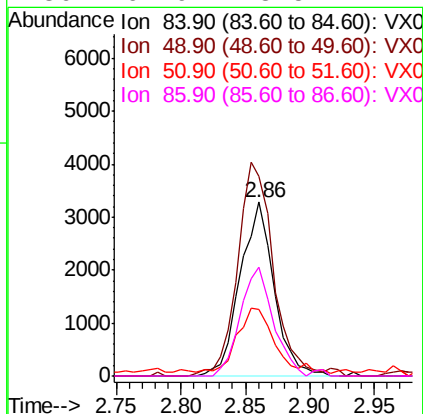
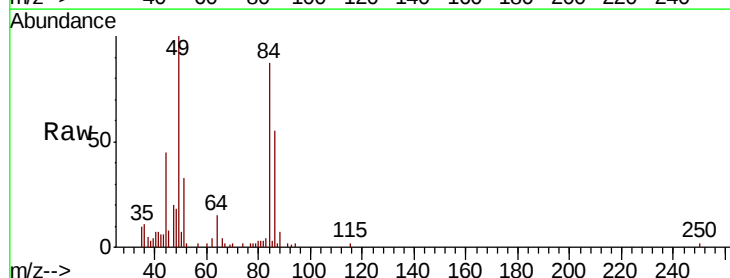
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#03

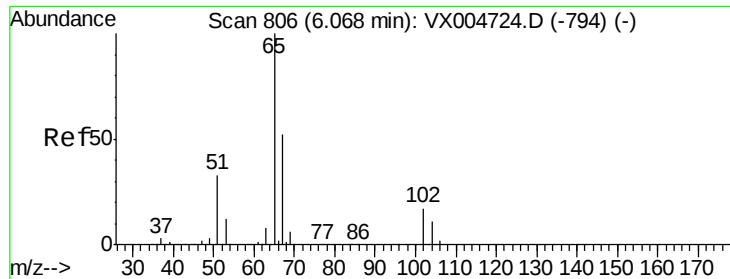
Tot Ion: 43 Resp: 6358
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8



#20
Methylene Chloride
Concen: 1.564 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004925.D
Acq: 02 Oct 2018 18:07

Tgt Ion: 84 Resp: 5981
Ion Ratio Lower Upper
84 100
49 114.9 92.3 138.5
51 35.6 31.8 47.6
86 62.9 48.5 72.7

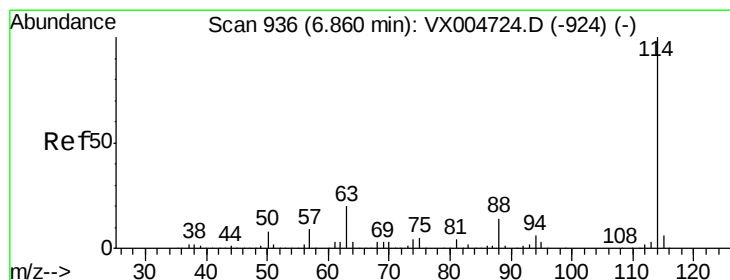
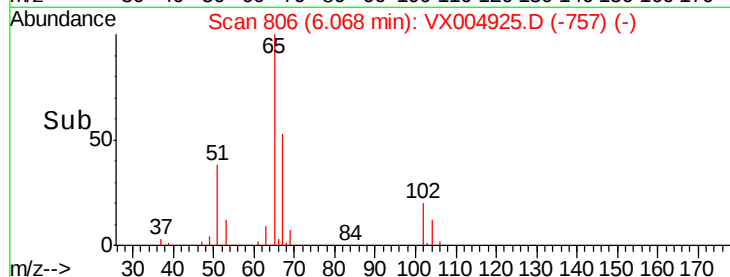
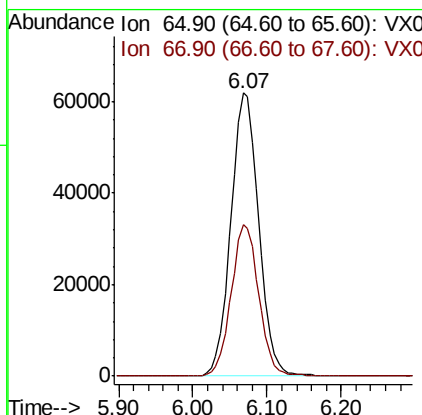
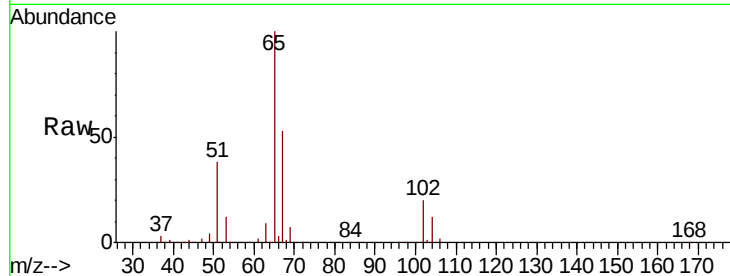




#33
 1,2-Dichloroethane-d4
 Concen: 54.862 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004925.D
 Acq: 02 Oct 2018 18:07

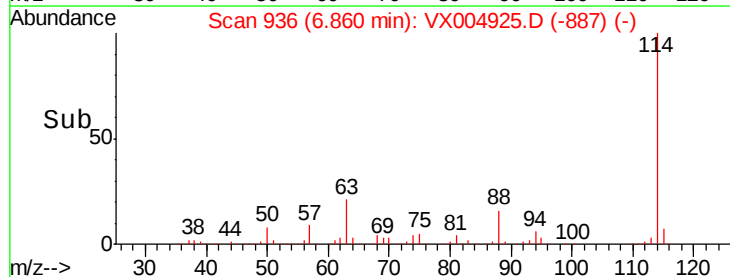
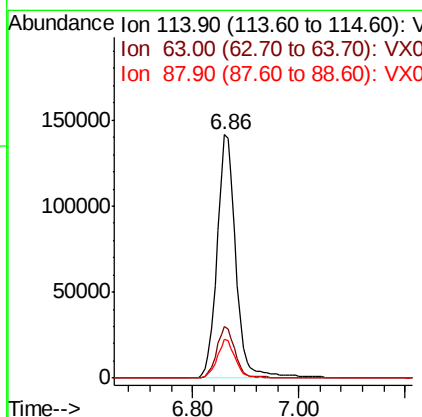
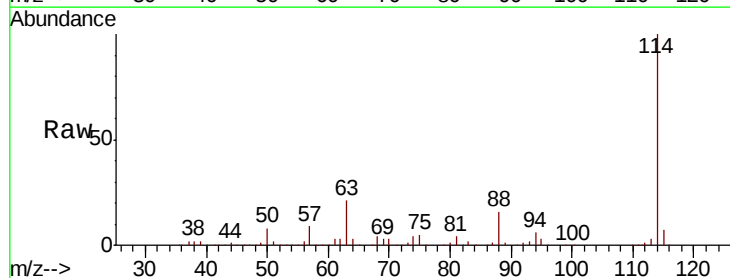
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#03

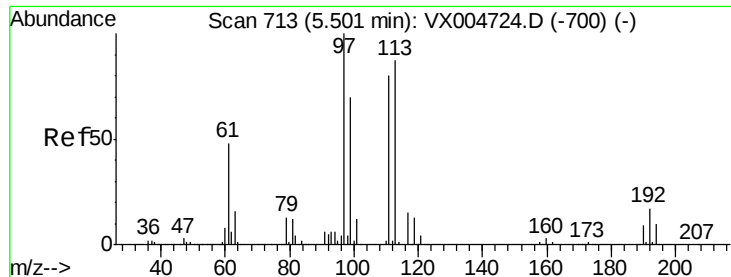
Tot Ion: 65 Resp: 162605
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004925.D
 Acq: 02 Oct 2018 18:07

Tgt Ion: 114 Resp: 350181
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.8
 88 15.8 0.0 27.0

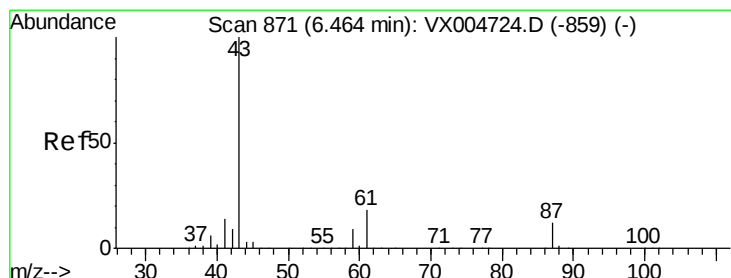
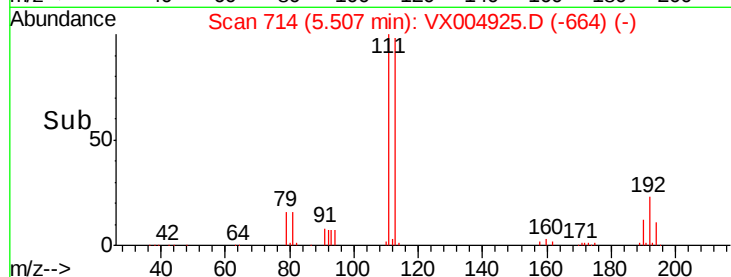
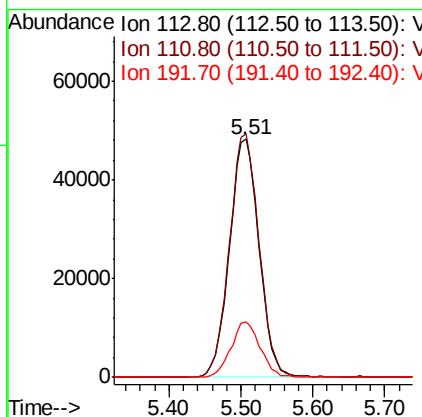
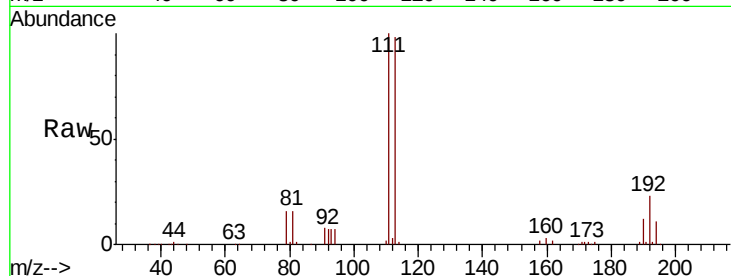




#35
 Dibromofluoromethane
 Concen: 46.456 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004925.D
 Acq: 02 Oct 2018 18:07

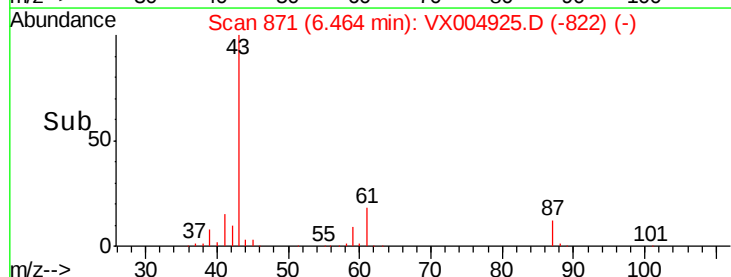
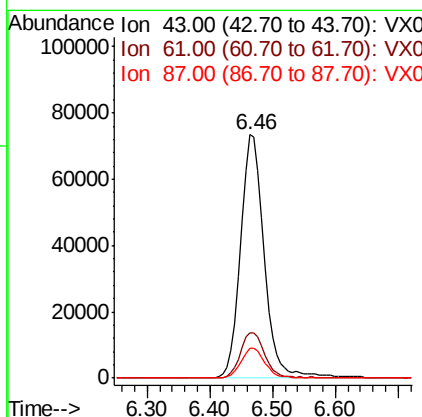
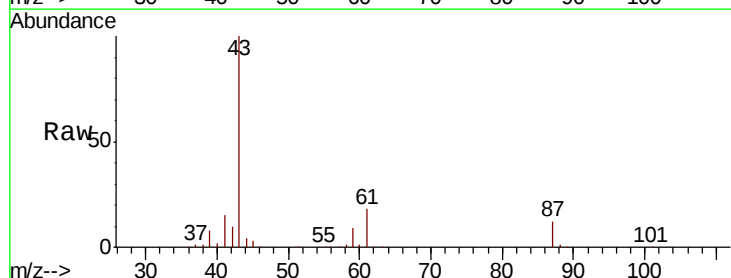
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#03

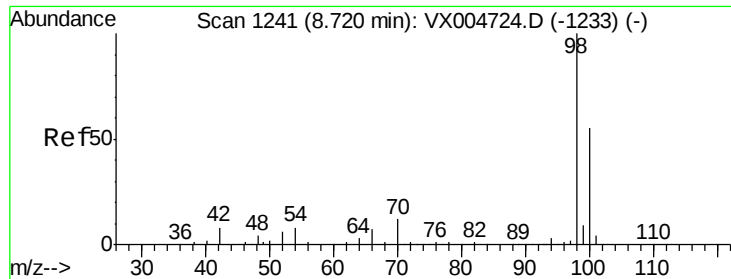
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	77.0	115.4
192	23.2	17.0	25.6



#43
 Isopropyl Acetate
 Concen: 24.799 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004925.D
 Acq: 02 Oct 2018 18:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.2	21.4
87	12.4	9.3	13.9

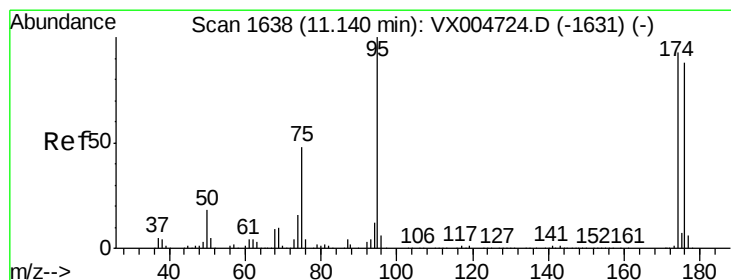
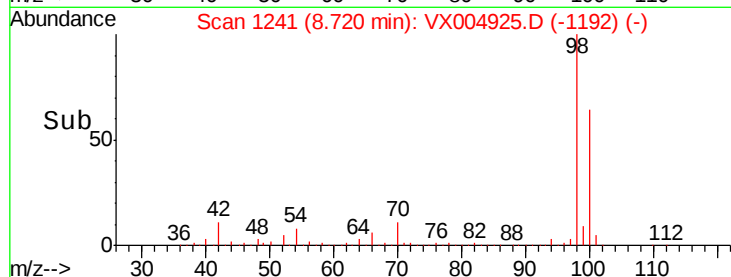
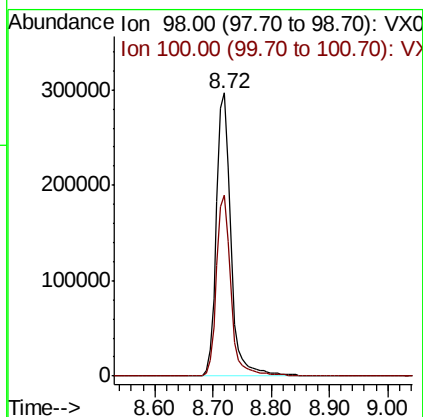
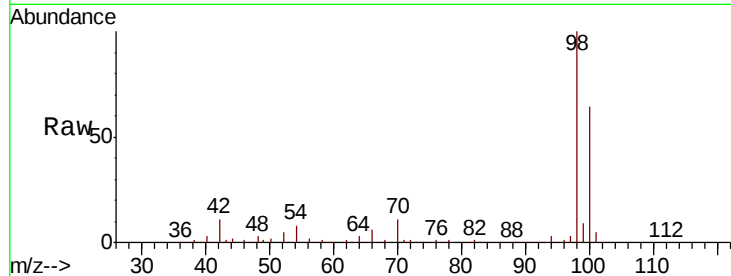




#50
Toluene-d8
Concen: 51.560 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004925.D
Acq: 02 Oct 2018 18:07

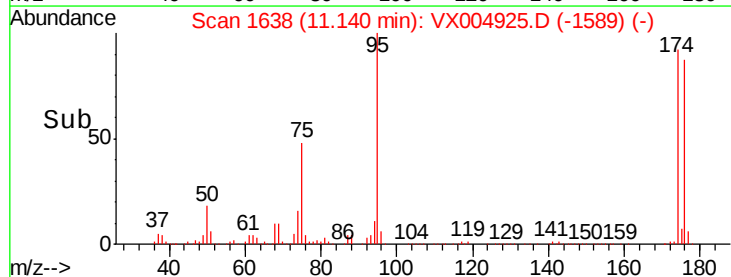
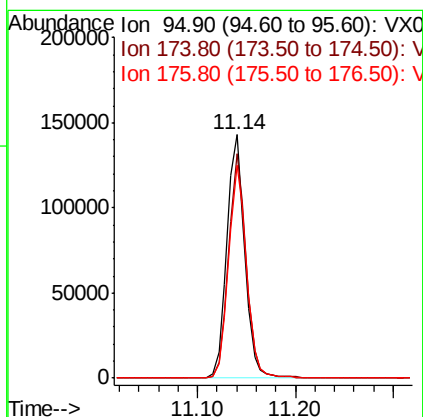
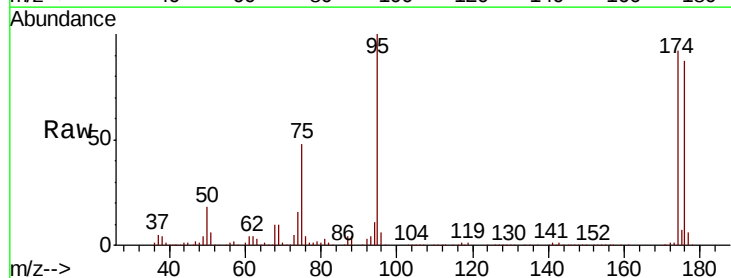
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#03

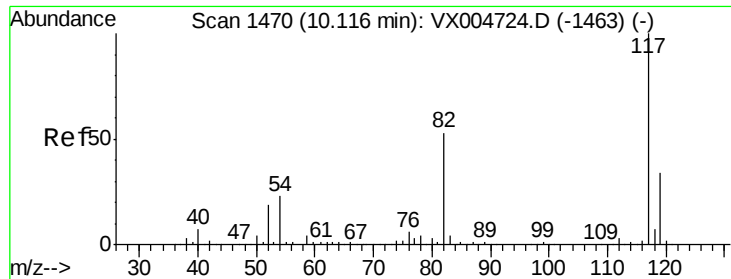
Tot Ion: 98 Resp: 508719
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.338 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004925.D
Acq: 02 Oct 2018 18:07

Tgt Ion: 95 Resp: 182481
Ion Ratio Lower Upper
95 100
174 91.6 0.0 185.0
176 87.5 0.0 180.2

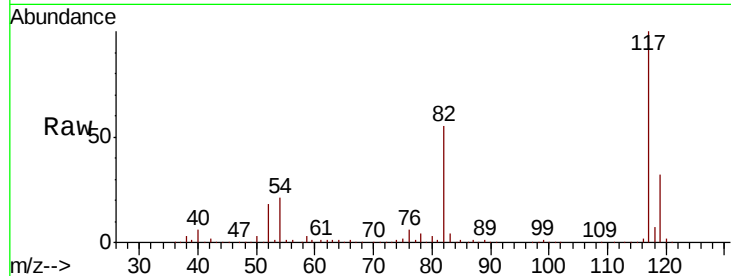




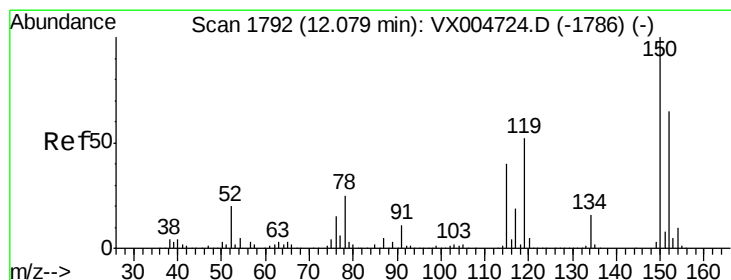
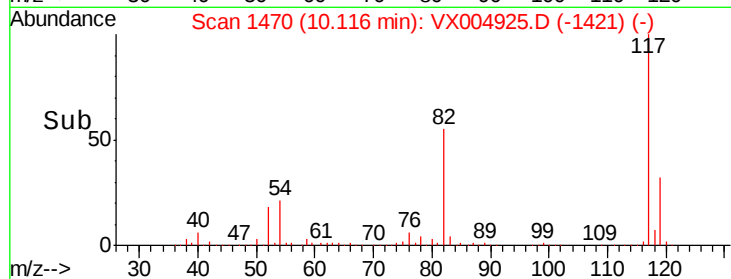
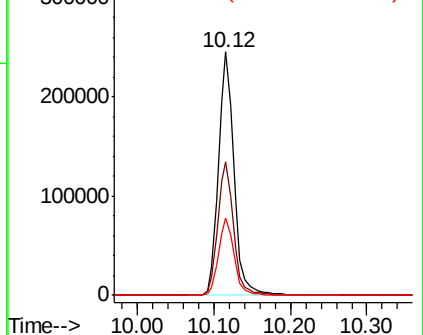
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004925.D
Acq: 02 Oct 2018 18:07

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#03

Tot Ion:117 Resp: 344485
Ion Ratio Lower Upper
117 100
82 54.6 42.2 63.4
119 31.6 27.4 41.0

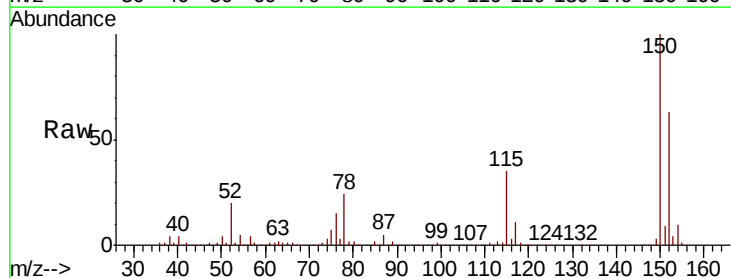


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004925.D
Acq: 02 Oct 2018 18:07

Tgt Ion:152 Resp: 189137
Ion Ratio Lower Upper
152 100
115 55.3 40.2 120.6
150 156.5 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

