

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004187.D
 Acq On : 21 Aug 2018 20:16
 Operator : JC/MD
 Sample : PB112227ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB112227ZHE#02

Quant Time: Aug 22 02:03:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	277441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	465712	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	449441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237000	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	208709	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
35) Dibromofluoromethane	5.50	113	178837	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
50) Toluene-d8	8.71	98	650935	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
62) 4-Bromofluorobenzene	11.14	95	225923	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	

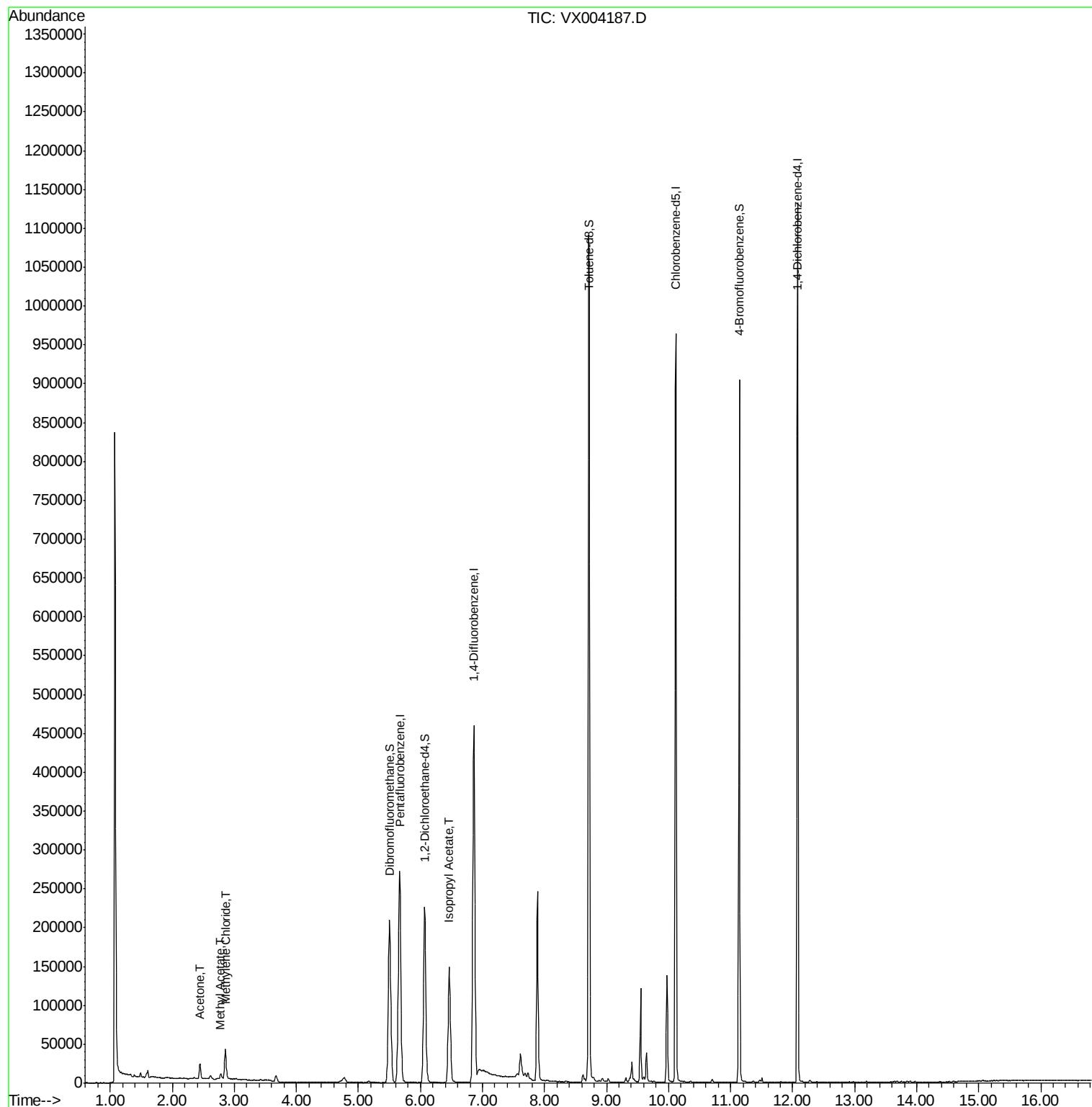
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	21281	10.47	ug/l	97
18) Methyl Acetate	2.78	43	9057	2.01	ug/l	96
20) Methylene Chloride	2.86	84	18608	5.06	ug/l	97
43) Isopropyl Acetate	6.46	43	187850	22.08	ug/l	99

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX004187.D

Acq: 21 Aug 2018 20:16

Instrument :

MSVOA_X

ClientSampleId :

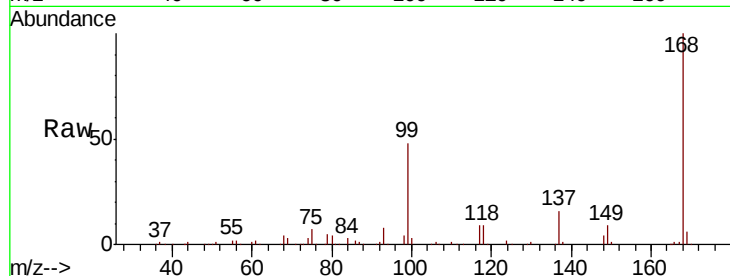
PB112227ZHE#02

Tot Ion:168 Resp: 277441

Ion Ratio Lower Upper

168 100

99 47.8 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

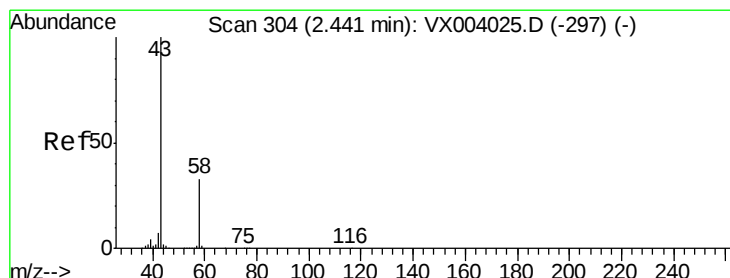
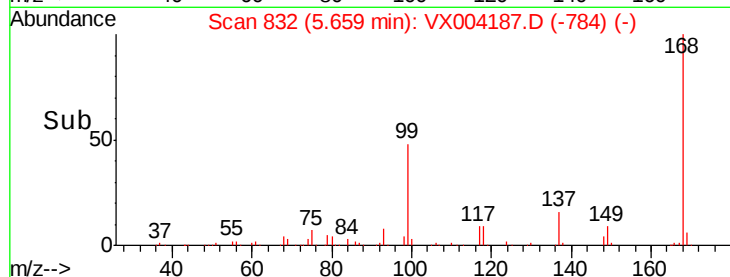
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.47 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004187.D

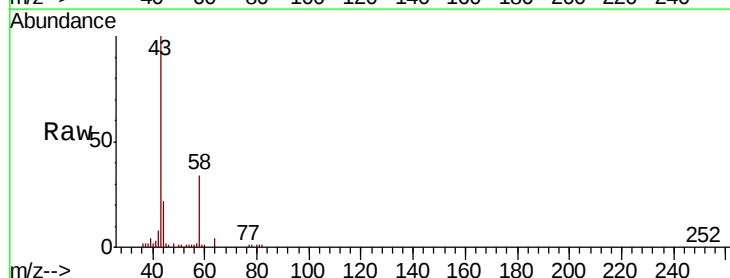
Acq: 21 Aug 2018 20:16

Tgt Ion: 43 Resp: 21281

Ion Ratio Lower Upper

43 100

58 34.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

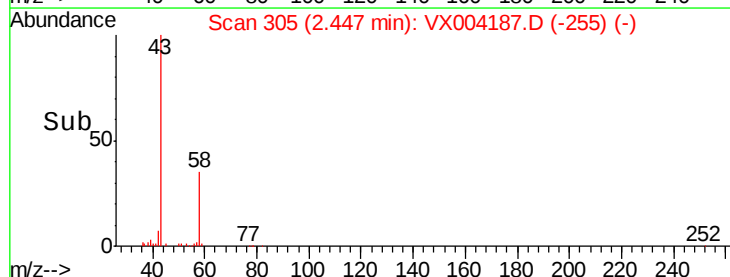
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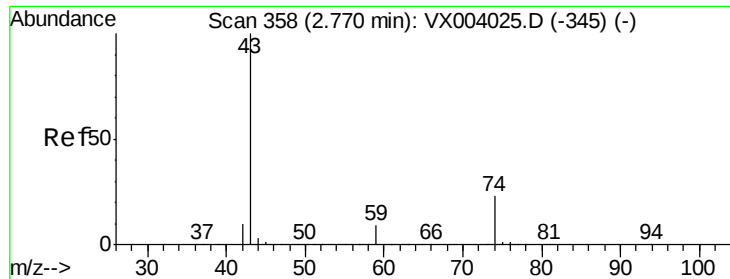
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

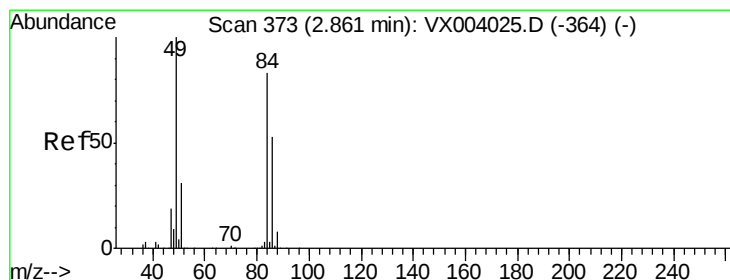
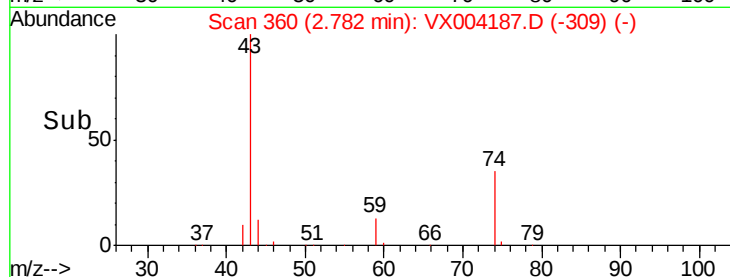
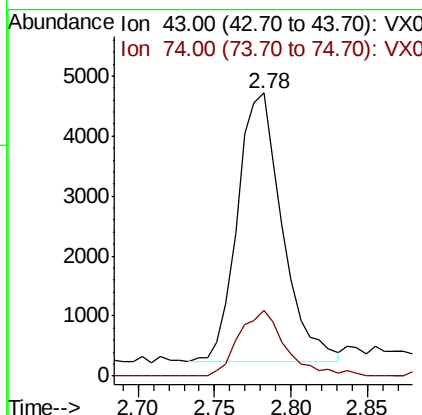
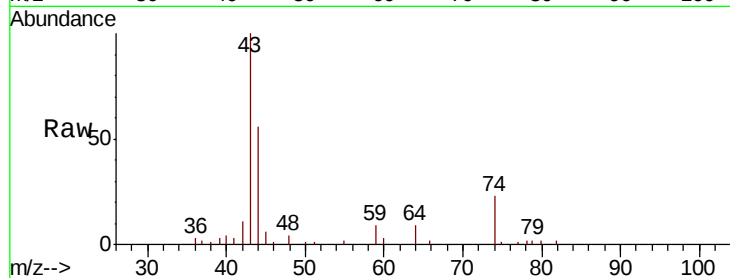




#18
Methvl Acetate
Concen: 2.01 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

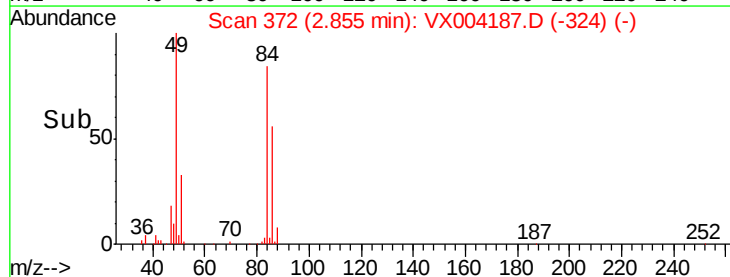
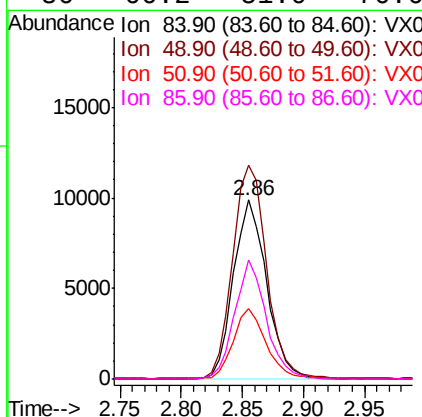
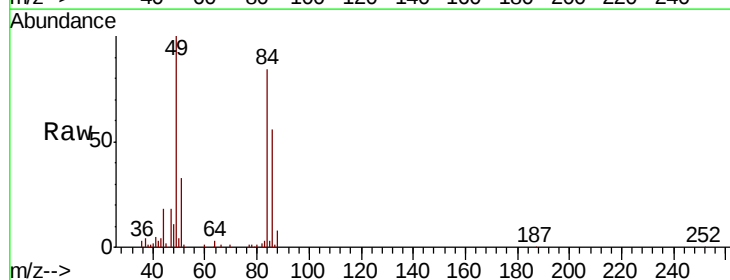
Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#02

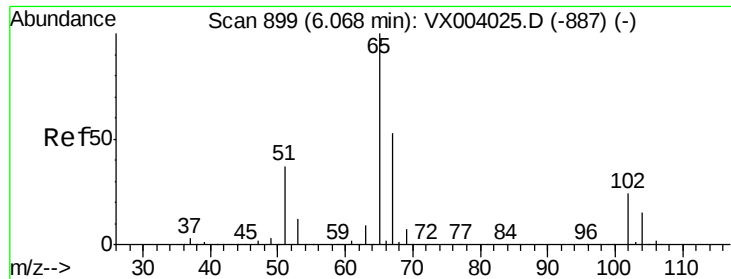
Tot Ion: 43 Resp: 9057
Ion Ratio Lower Upper
43 100
74 25.8 18.9 28.3



#20
Methylene Chloride
Concen: 5.06 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion: 84 Resp: 18608
Ion Ratio Lower Upper
84 100
49 119.3 98.9 148.3
51 38.7 29.9 44.9
86 66.2 51.0 76.6

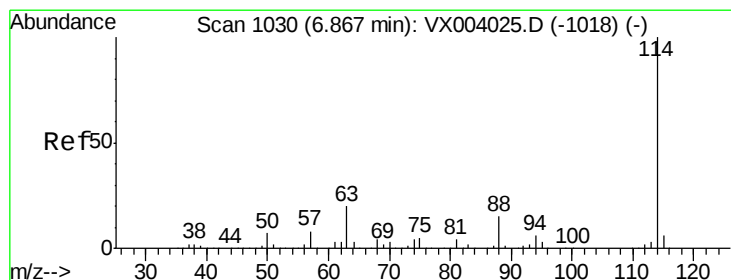
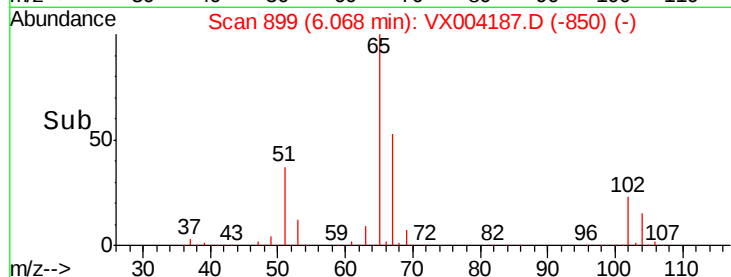
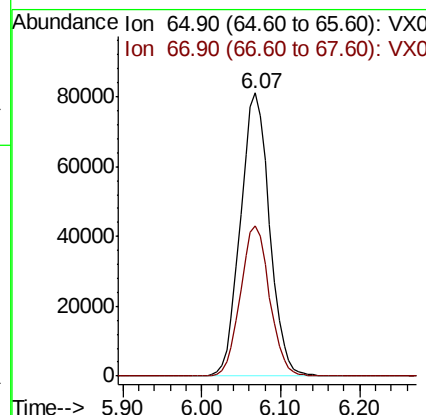
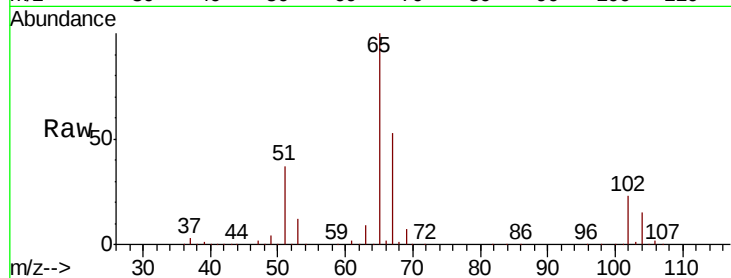




#33
 1,2-Dichloroethane-d4
 Concen: 53.39 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004187.D
 Acq: 21 Aug 2018 20:16

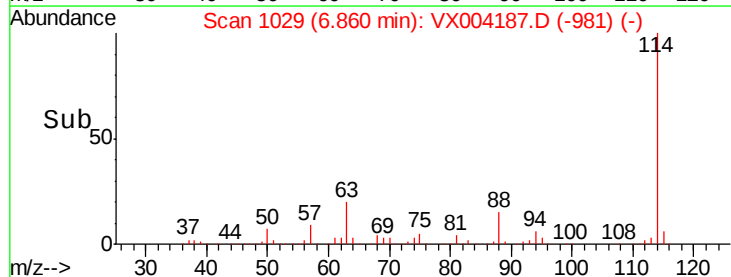
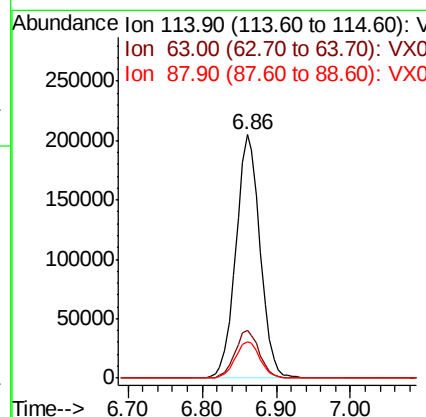
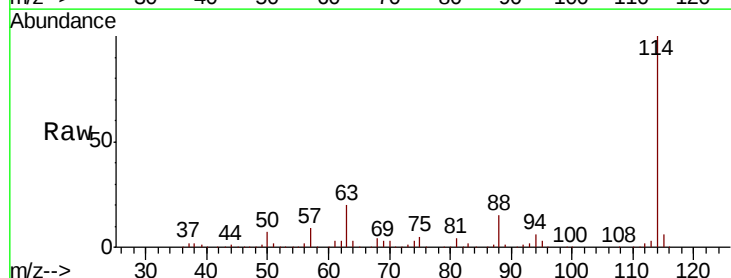
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112227ZHE#02

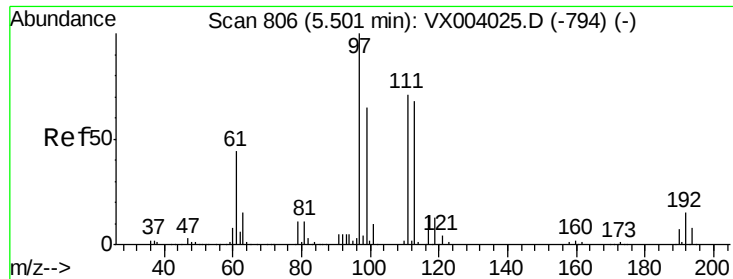
Tot Ion: 65 Resp: 208709
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004187.D
 Acq: 21 Aug 2018 20:16

Tgt Ion: 114 Resp: 465712
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 14.7 0.0 32.0

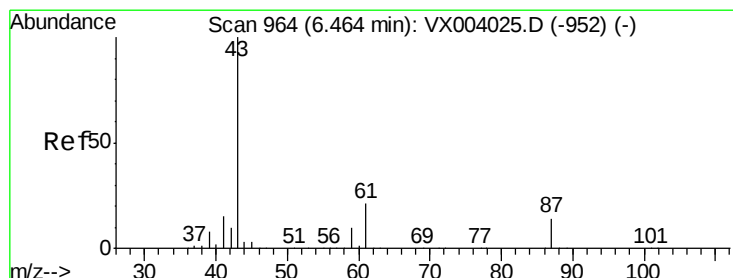
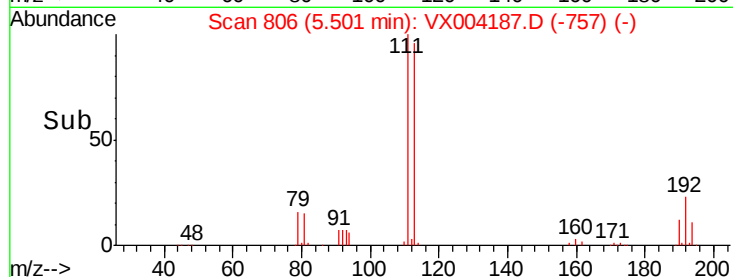
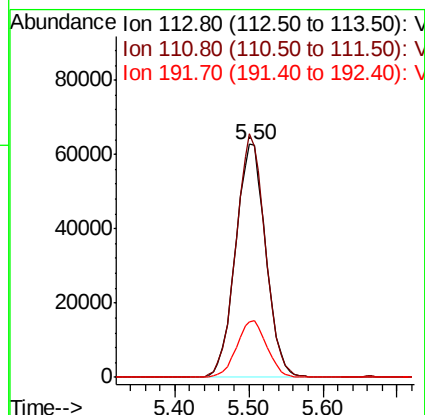
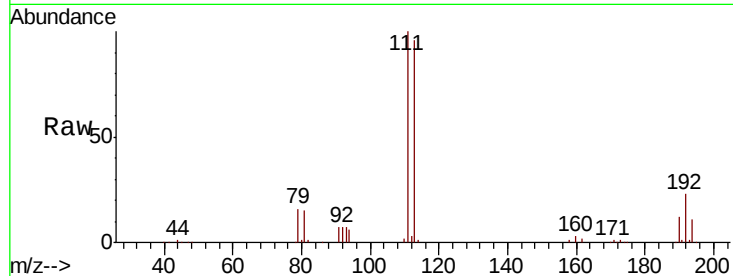




#35
 Dibromofluoromethane
 Concen: 51.31 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004187.D
 Acq: 21 Aug 2018 20:16

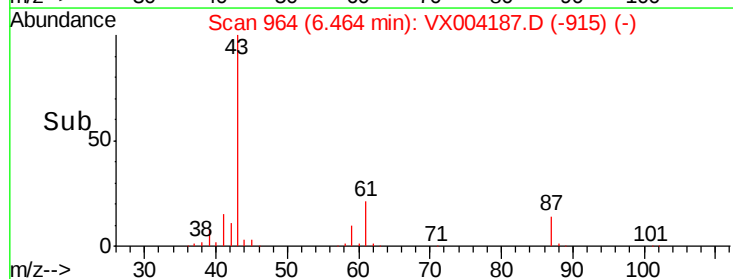
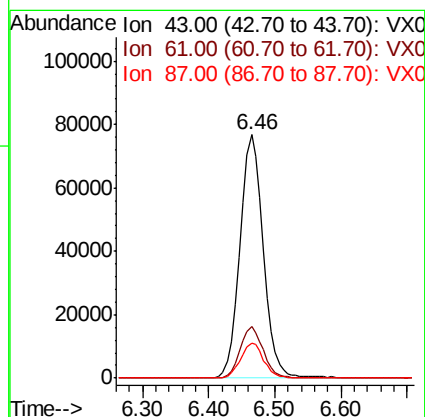
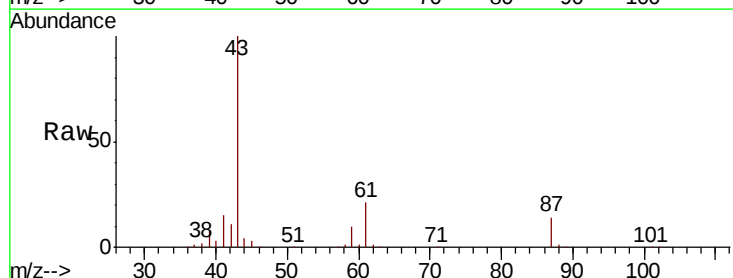
Instrument :
 MSVOA_X
 ClientSampleId :
 PB112227ZHE#02

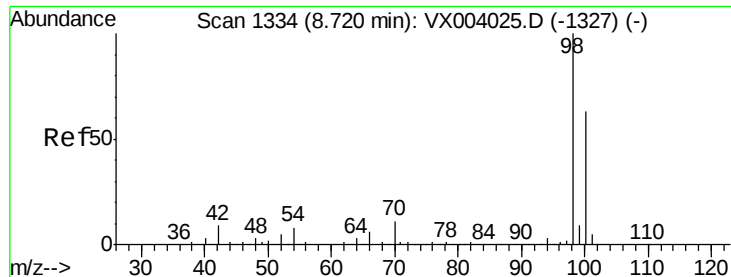
Tot Ion:113 Resp: 178837
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.0 123.0
 192 24.1 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 22.08 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004187.D
 Acq: 21 Aug 2018 20:16

Tgt Ion: 43 Resp: 187850
 Ion Ratio Lower Upper
 43 100
 61 20.8 16.9 25.3
 87 14.3 11.3 16.9





#50

Toluene-d8

Concen: 46.06 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004187.D

Acq: 21 Aug 2018 20:16

Instrument :

MSVOA_X

ClientSampleId :

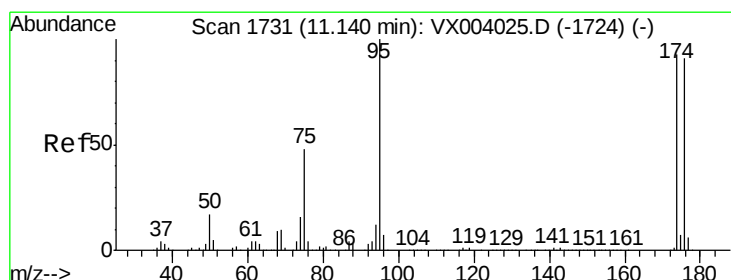
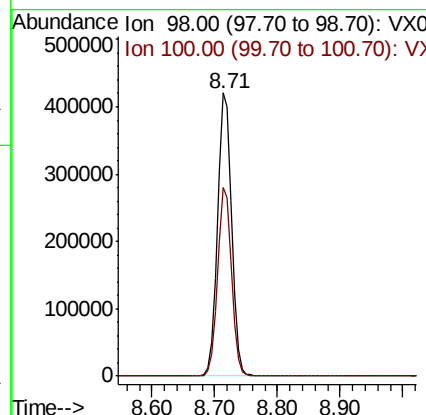
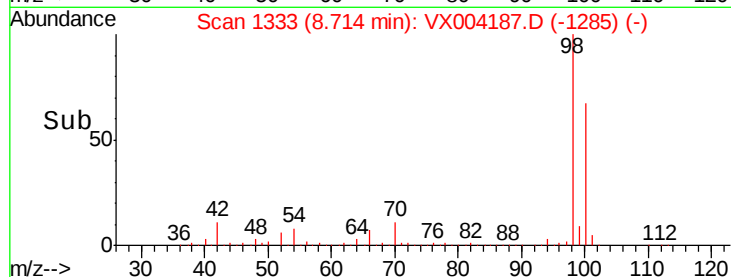
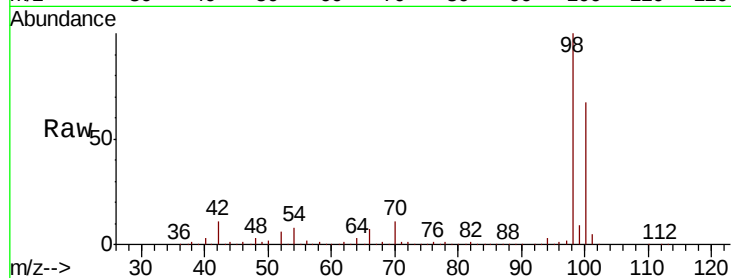
PB112227ZHE#02

Tot Ion: 98 Resp: 650935

Ion Ratio Lower Upper

98 100

100 65.8 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 44.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004187.D

Acq: 21 Aug 2018 20:16

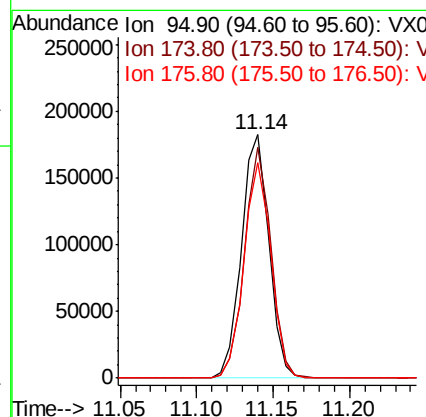
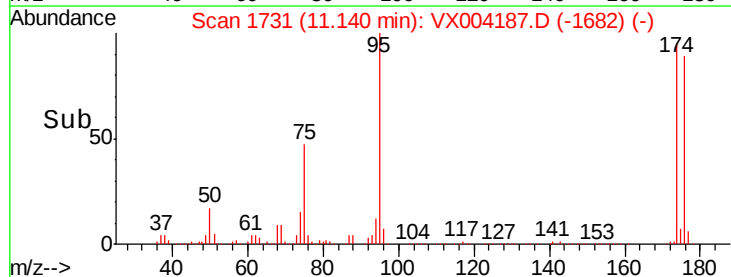
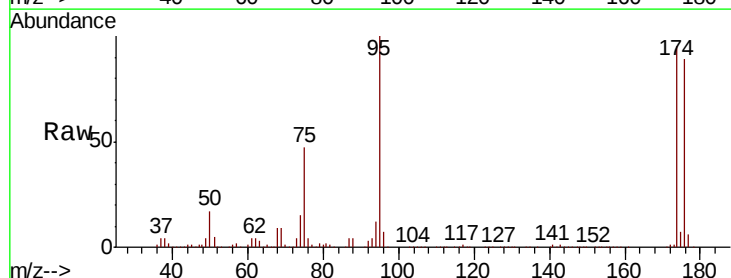
Tgt Ion: 95 Resp: 225923

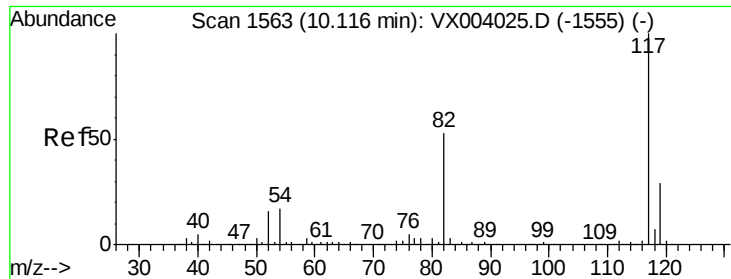
Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.8

176 87.9 0.0 179.0

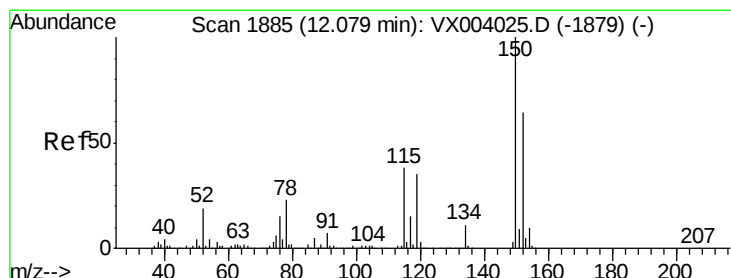
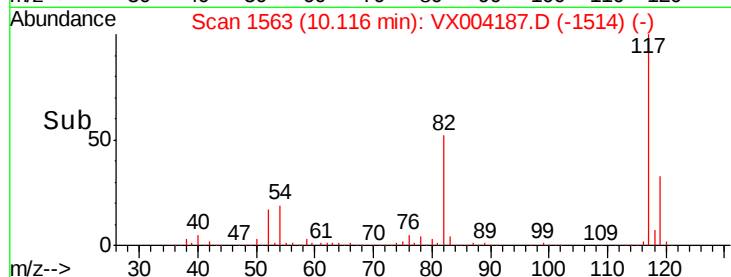
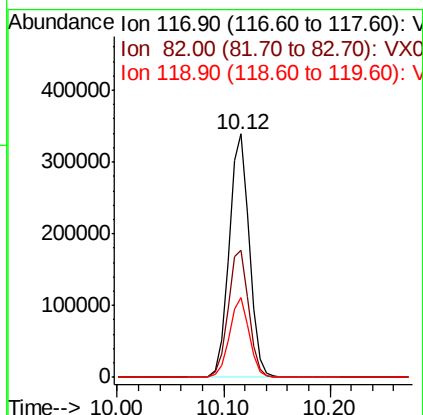
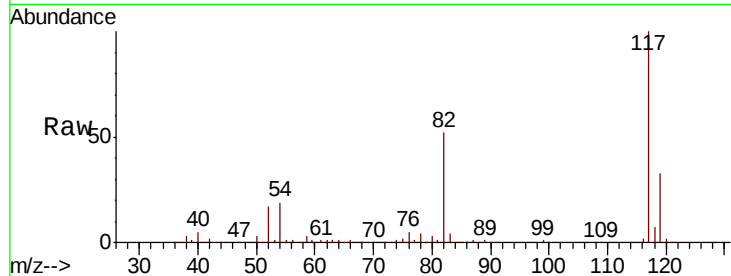




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Instrument :
MSVOA_X
ClientSampleId :
PB112227ZHE#02

Tot Ion:117 Resp: 449441
Ion Ratio Lower Upper
117 100
82 52.4 45.4 68.0
119 32.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004187.D
Acq: 21 Aug 2018 20:16

Tgt Ion:152 Resp: 237000
Ion Ratio Lower Upper
152 100
115 55.1 39.1 117.3
150 157.0 0.0 349.2

