

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004984.D
 Acq On : 03 Oct 2018 22:01
 Operator : JC/MD
 Sample : PB113446ZHE#10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#10

Quant Time: Oct 04 03:24:02 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

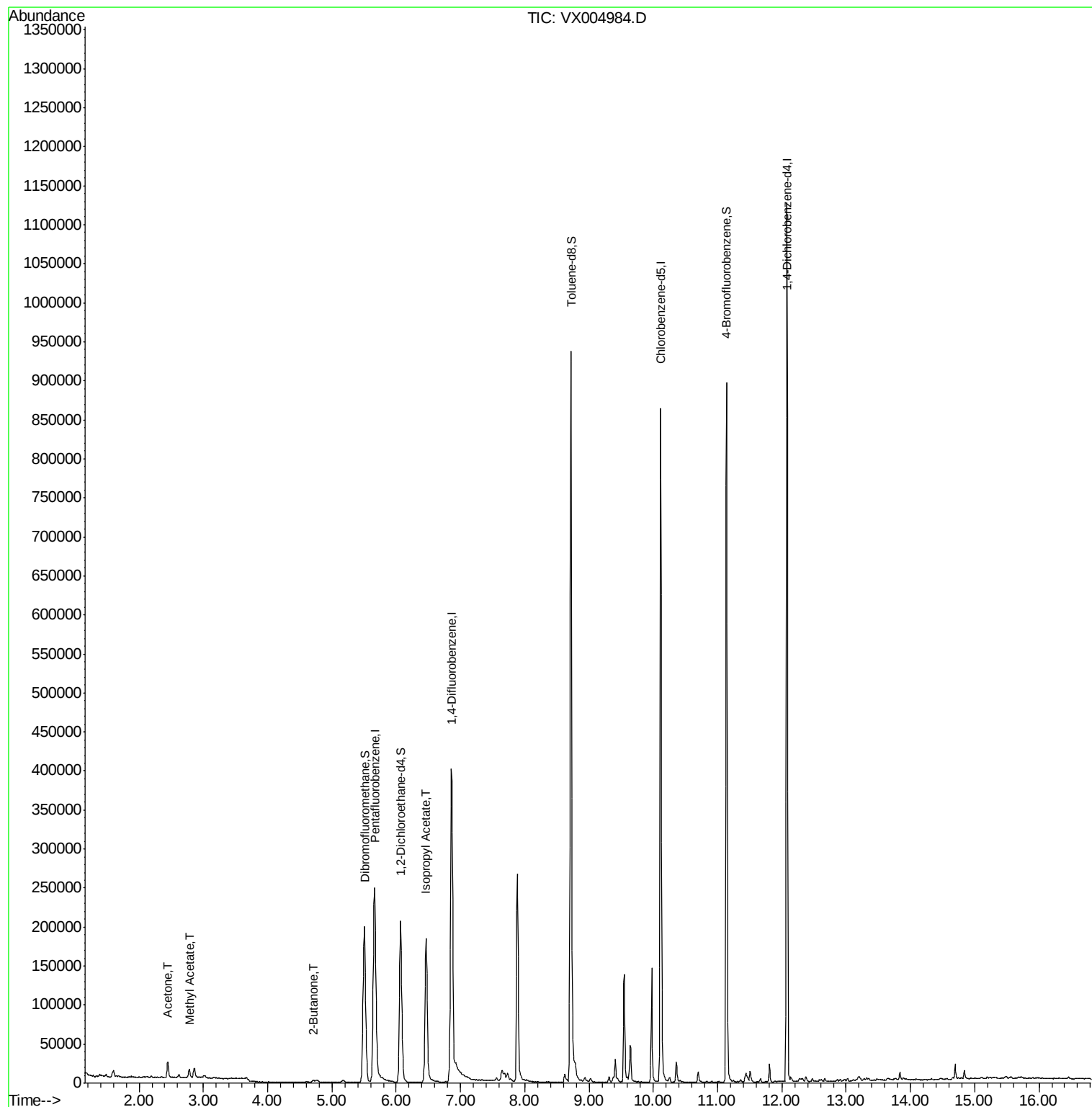
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	283583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440079	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	429300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	241602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	194155	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	5.51	113	166009	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
50) Toluene-d8	8.72	98	629151	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.14	95	231745	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
Target Compounds						
16) Acetone	2.45	43	21245	8.983	ug/l	94
18) Methyl Acetate	2.78	43	13355	2.229	ug/l	99
25) 2-Butanone	4.71	43	5582	1.601	ug/l #	83
43) Isopropyl Acetate	6.46	43	250734	25.718	ug/l	96

(#) = 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: VX004984.D

Acq: 03 Oct 2018 22:01

Instrument :

MSVOA_X

ClientSampleId :

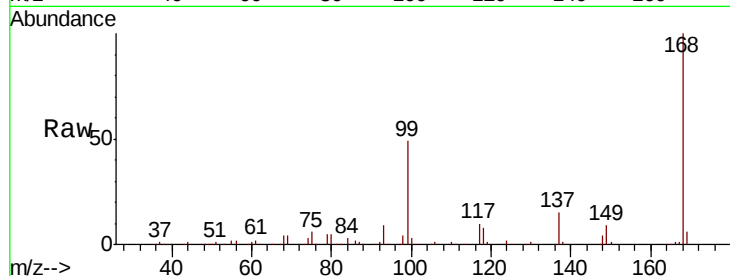
PB113446ZHE#10

Tot Ion:168 Resp: 283583

Ion Ratio Lower Upper

168 100

99 48.7 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

100000

80000

60000

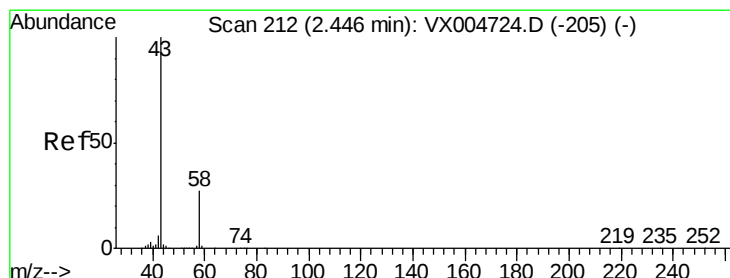
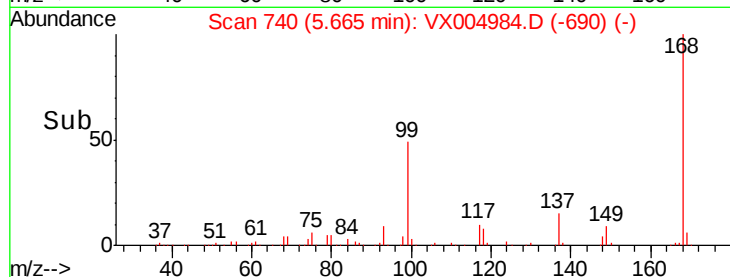
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.983 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004984.D

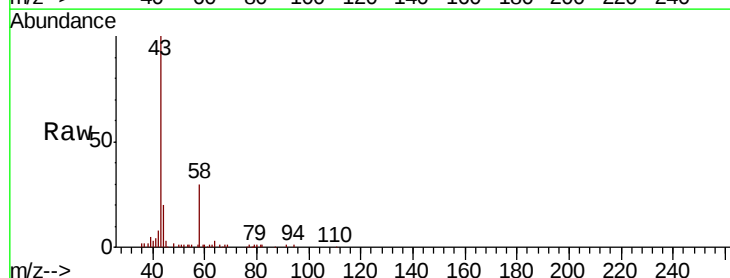
Acq: 03 Oct 2018 22:01

Tgt Ion: 43 Resp: 21245

Ion Ratio Lower Upper

43 100

58 30.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

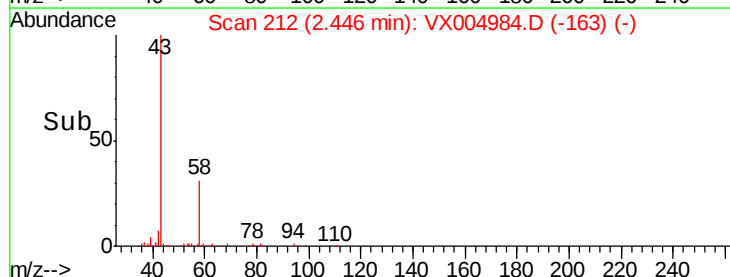
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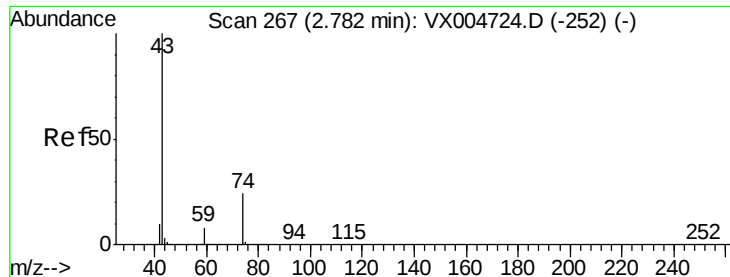
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0

Time-->

2.40 2.45 2.50

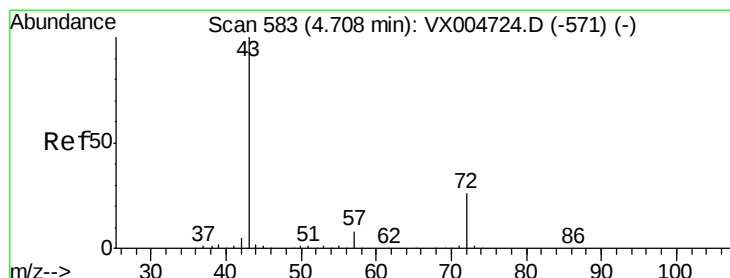
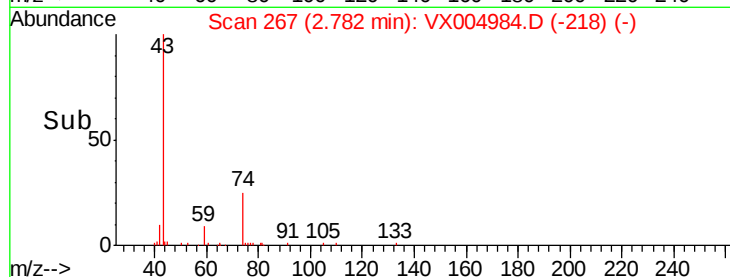
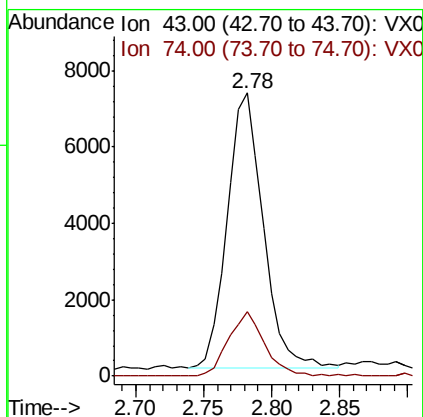
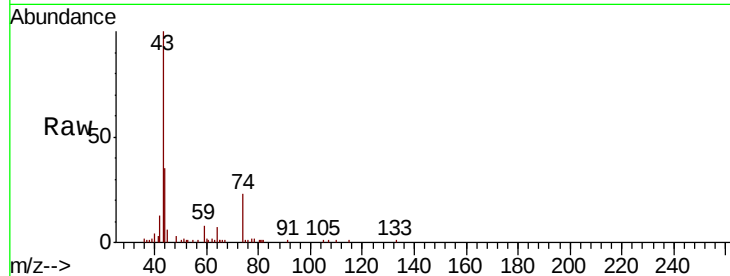




#18
Methvl Acetate
Concen: 2.229 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004984.D
Acq: 03 Oct 2018 22:01

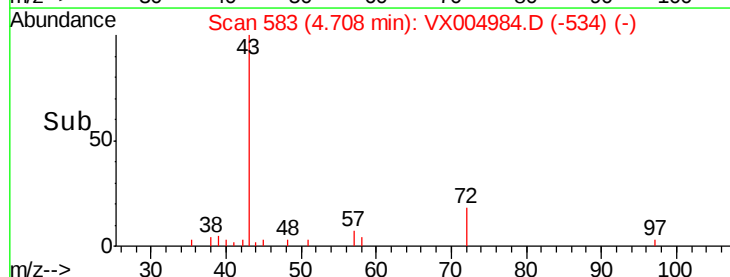
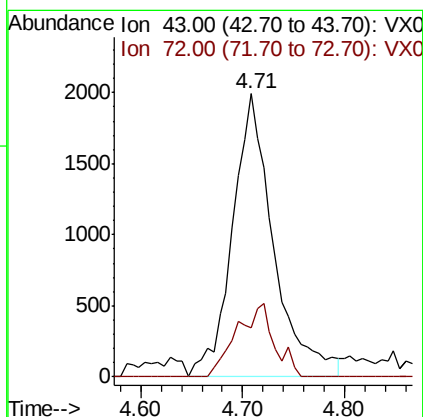
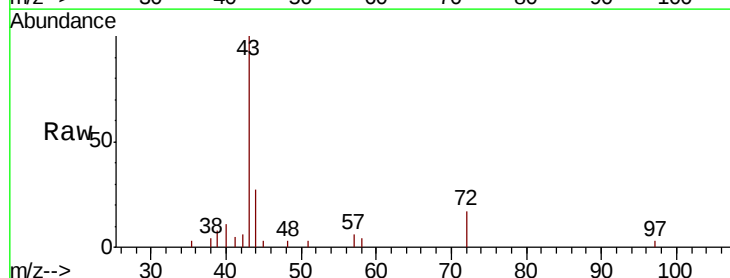
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#10

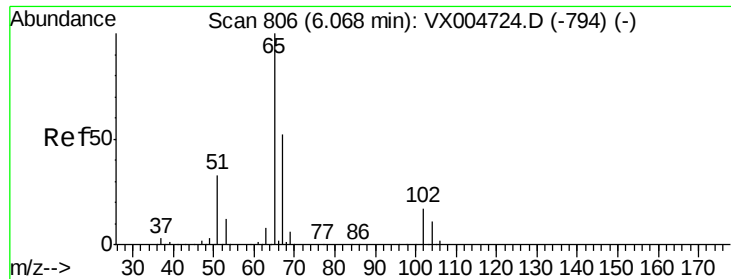
Tot Ion: 43 Resp: 13355
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.8



#25
2-Butanone
Concen: 1.601 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX004984.D
Acq: 03 Oct 2018 22:01

Tgt Ion: 43 Resp: 5582
Ion Ratio Lower Upper
43 100
72 17.2 20.8 31.2#

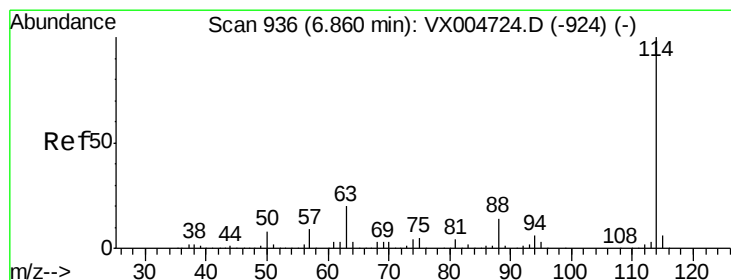
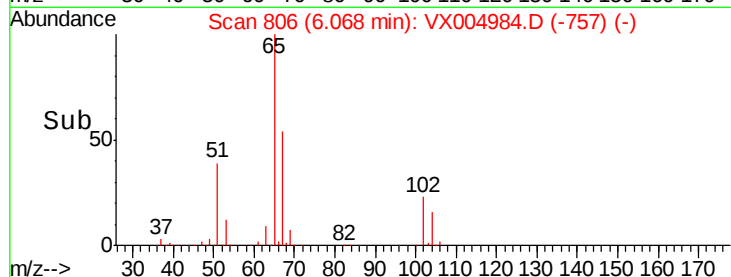
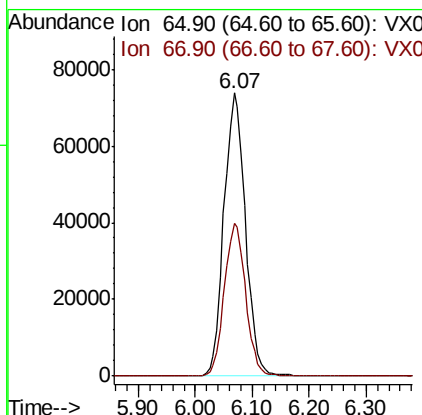
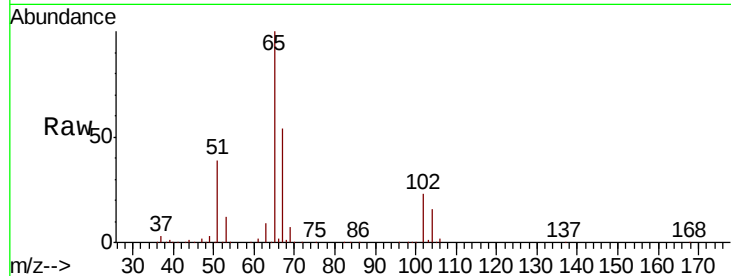




#33
 1,2-Dichloroethane-d4
 Concen: 47.928 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004984.D
 Acq: 03 Oct 2018 22:01

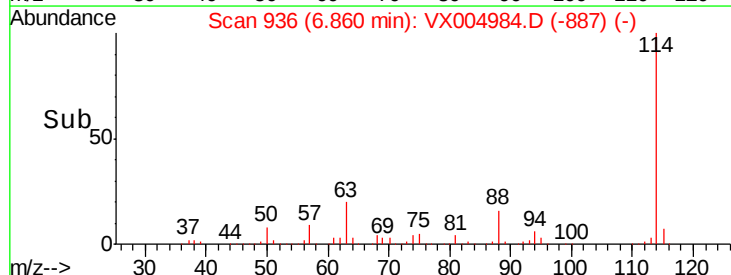
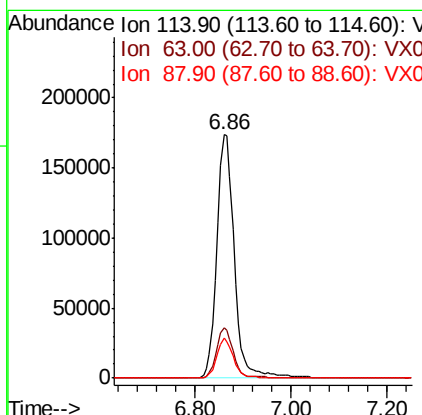
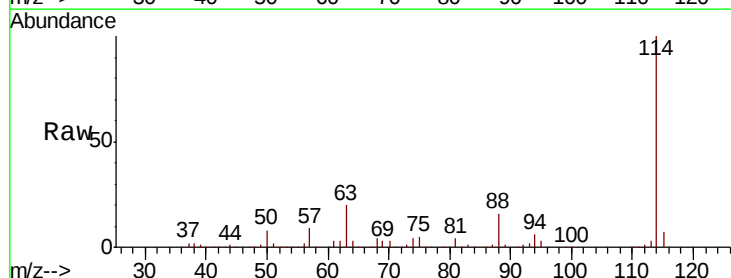
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#10

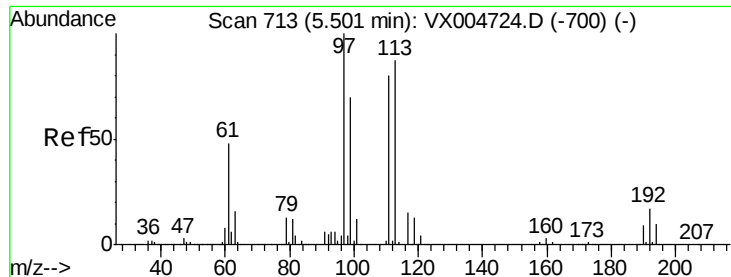
Tot Ion: 65 Resp: 194155
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004984.D
 Acq: 03 Oct 2018 22:01

Tgt Ion: 114 Resp: 440079
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 16.4 0.0 27.0

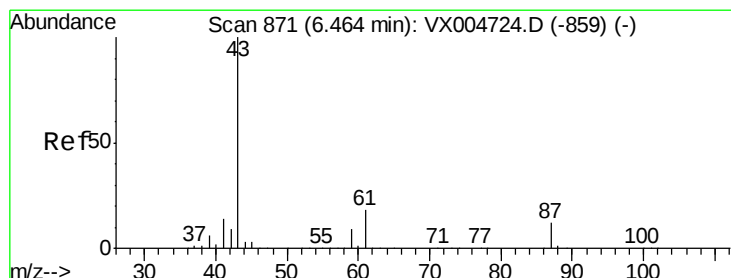
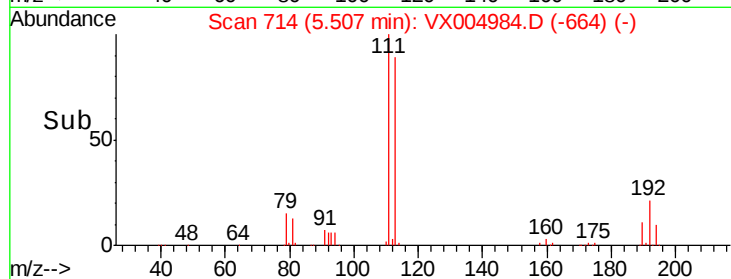
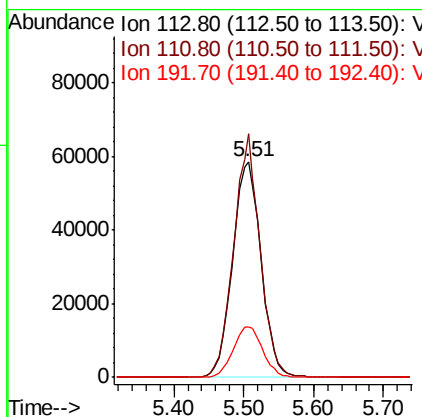
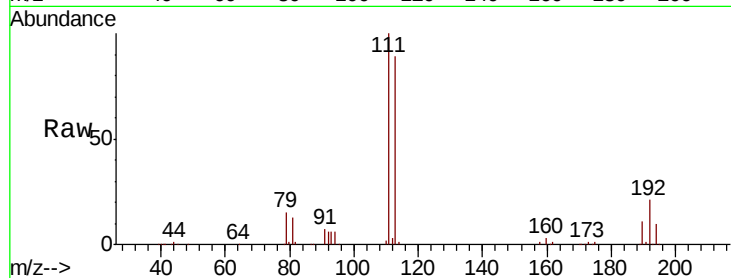




#35
 Dibromofluoromethane
 Concen: 44.510 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004984.D
 Acq: 03 Oct 2018 22:01

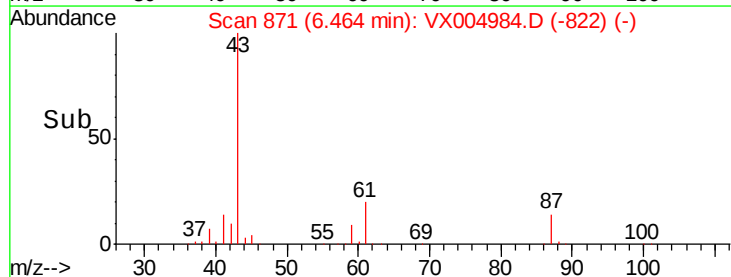
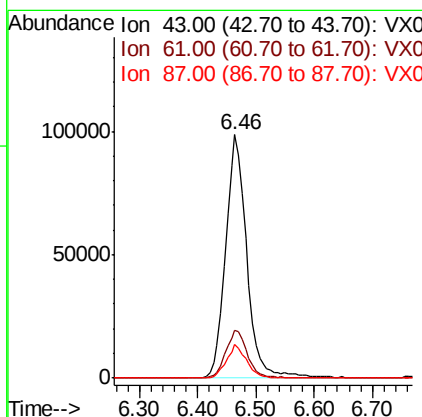
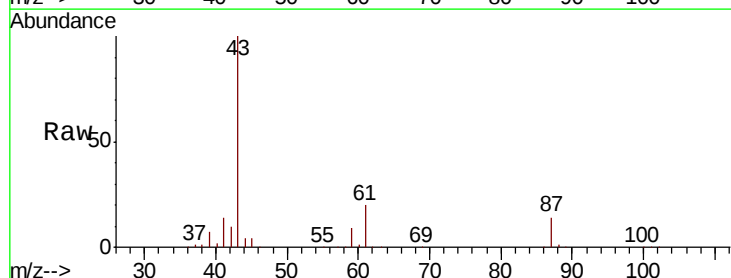
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#10

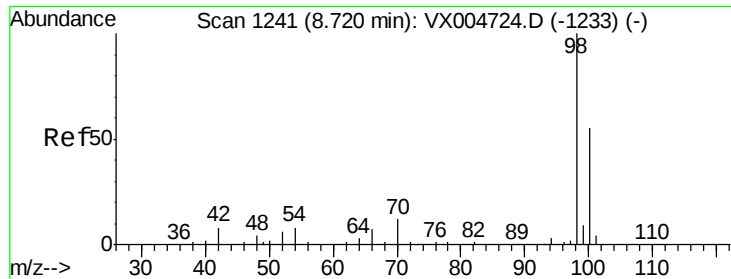
Tot Ion:113 Resp: 166009
 Ion Ratio Lower Upper
 113 100
 111 104.0 77.0 115.4
 192 24.1 17.0 25.6



#43
 Isopropyl Acetate
 Concen: 25.718 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004984.D
 Acq: 03 Oct 2018 22:01

Tgt Ion: 43 Resp: 250734
 Ion Ratio Lower Upper
 43 100
 61 19.9 14.2 21.4
 87 13.0 9.3 13.9





#50

Toluene-d8

Concen: 50.740 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004984.D

Acq: 03 Oct 2018 22:01

Instrument :

MSVOA_X

ClientSampleId :

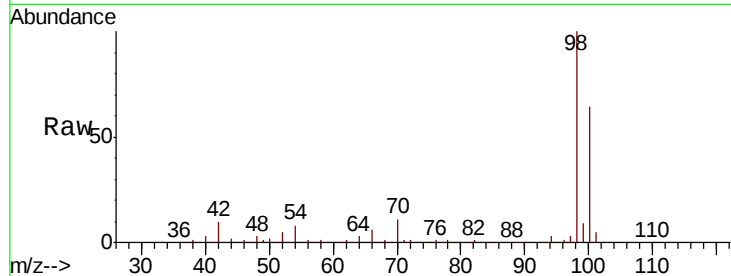
PB113446ZHE#10

Tot Ion: 98 Resp: 629151

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

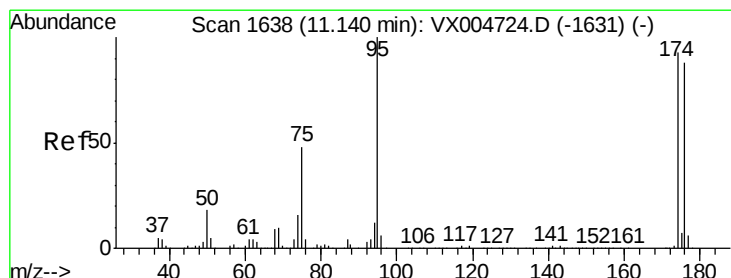
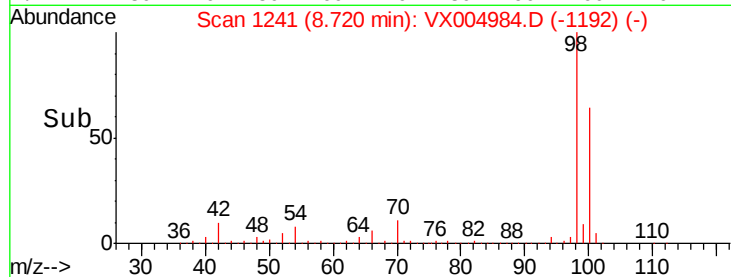
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.880 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004984.D

Acq: 03 Oct 2018 22:01

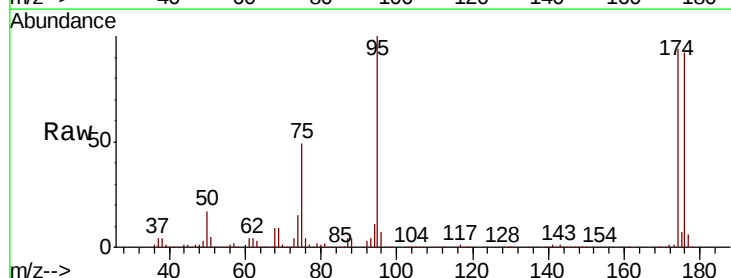
Tgt Ion: 95 Resp: 231745

Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.0

176 88.7 0.0 180.2



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

250000

200000

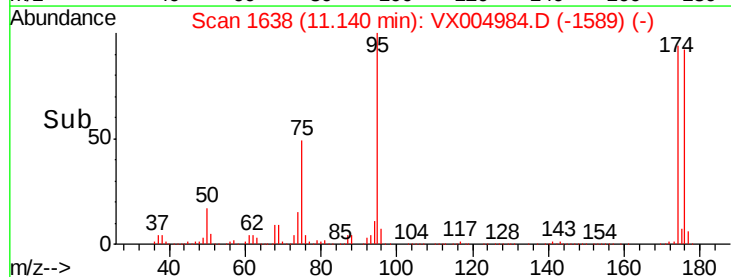
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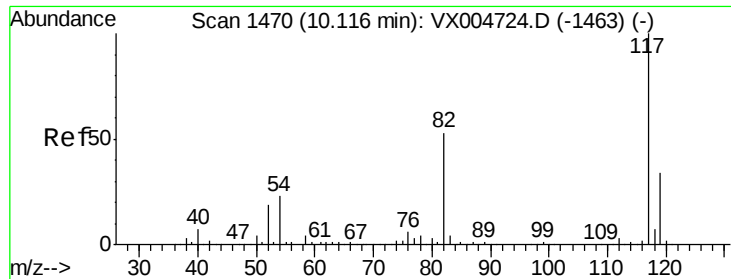
100000

50000

0

Time-->

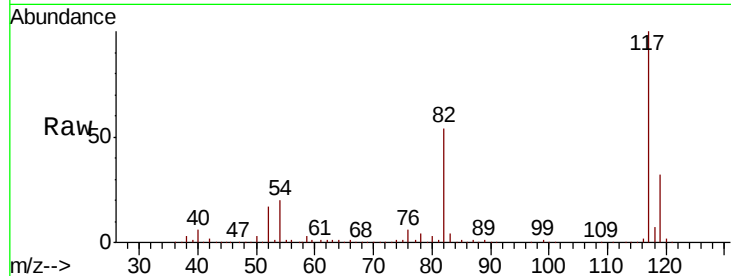




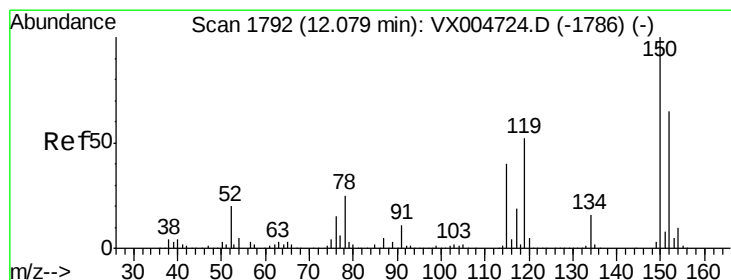
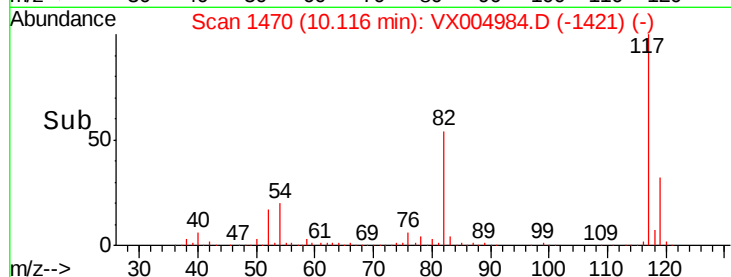
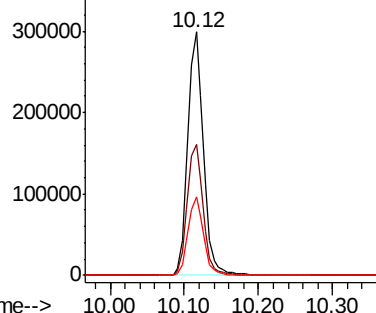
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004984.D
Acq: 03 Oct 2018 22:01

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#10

Tot Ion:117 Resp: 429300
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.4
119 32.3 27.4 41.0

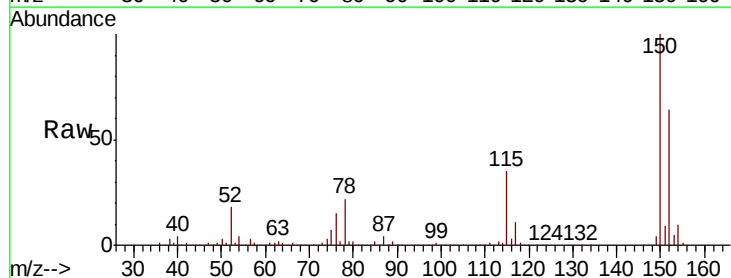


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004984.D
Acq: 03 Oct 2018 22:01

Tgt Ion:152 Resp: 241602
Ion Ratio Lower Upper
152 100
115 55.2 40.2 120.6
150 155.2 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

