

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004934.D
 Acq On : 02 Oct 2018 22:09
 Operator : JC/MD
 Sample : PB113401ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113401ZHE#02

Quant Time: Oct 03 06:59:36 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

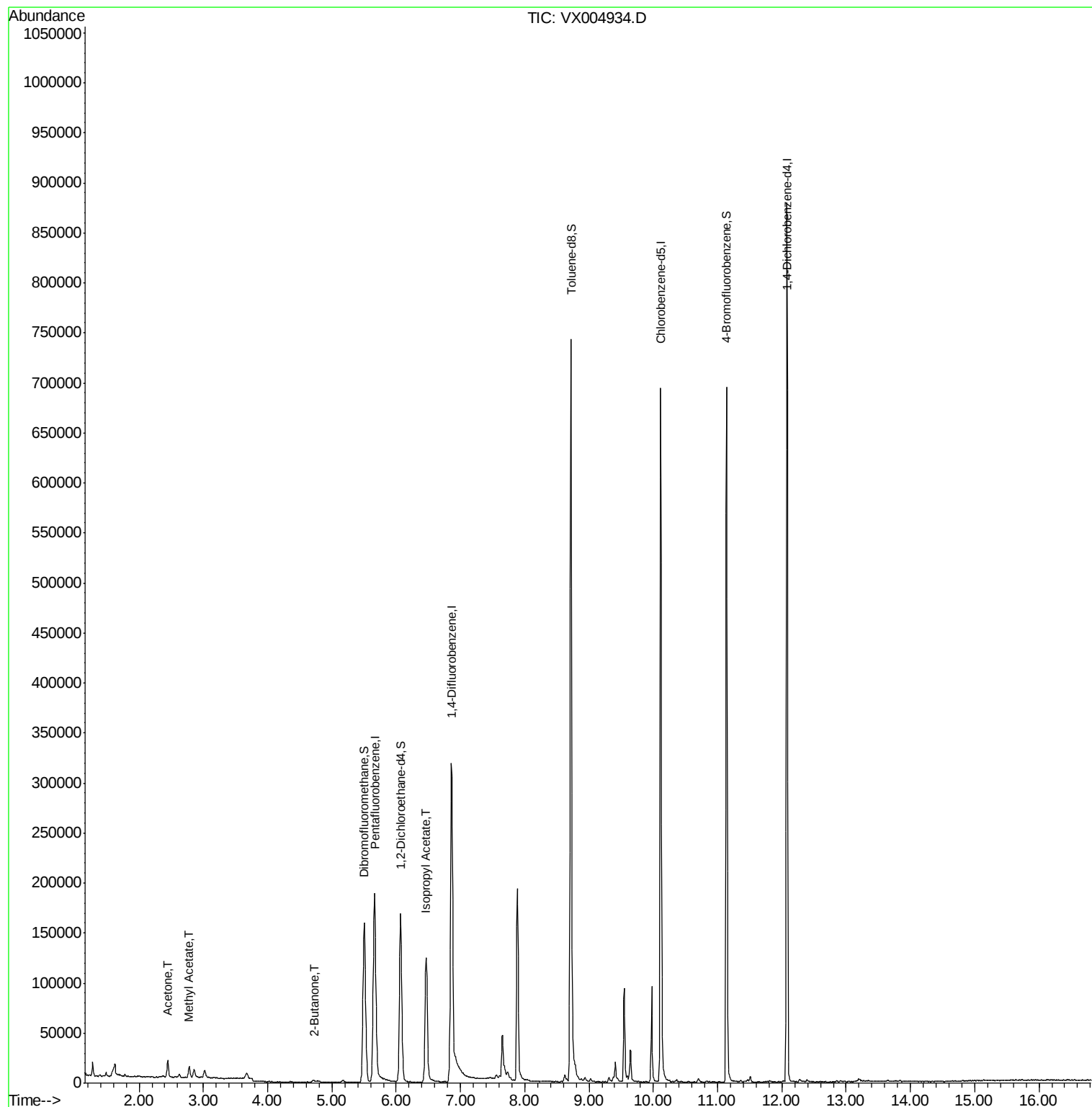
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161478	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.64%	
35) Dibromofluoromethane	5.50	113	135866	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	8.72	98	494086	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	11.14	95	174609	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
Target Compounds						
16) Acetone	2.45	43	17951	10.725	ug/l	94
18) Methyl Acetate	2.78	43	14163	3.340	ug/l	97
25) 2-Butanone	4.71	43	3685	1.494	ug/l	99
43) Isopropyl Acetate	6.46	43	173827	23.269	ug/l	98

(#) = 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: VX004934.D

Acq: 02 Oct 2018 22:09

Instrument :

MSVOA_X

ClientSampleId :

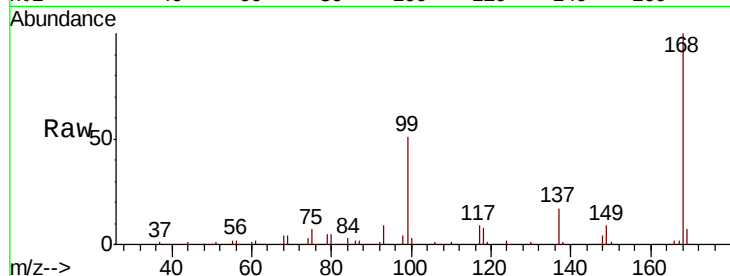
PB113401ZHE#02

Tot Ion:168 Resp: 200702

Ion Ratio Lower Upper

168 100

99 50.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX004724.D (-727) (-)

5.67

60000

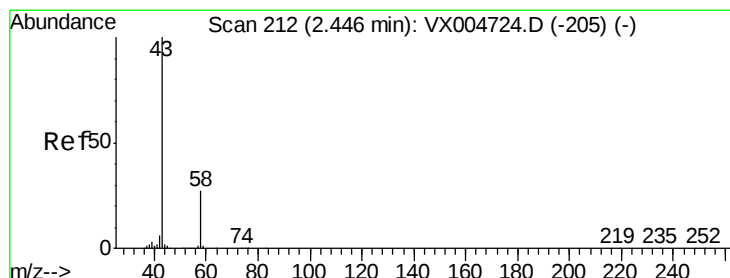
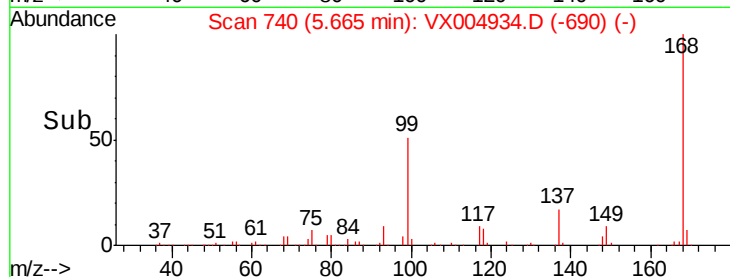
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.725 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004934.D

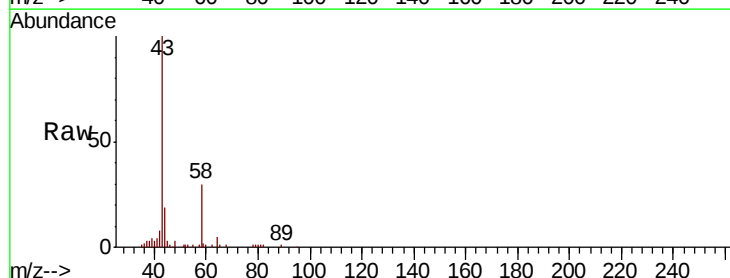
Acq: 02 Oct 2018 22:09

Tgt Ion: 43 Resp: 17951

Ion Ratio Lower Upper

43 100

58 30.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX004724.D (-205) (-)

2.45

12000

10000

8000

6000

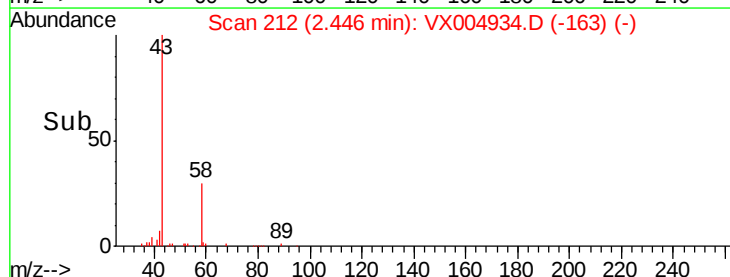
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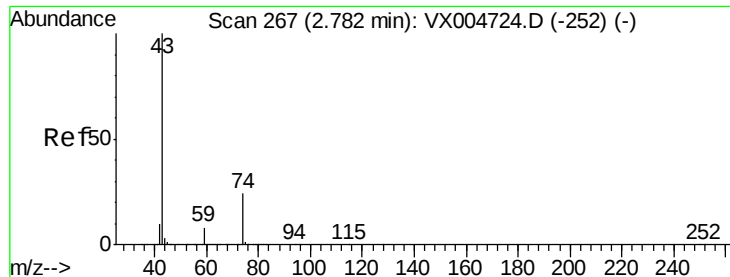
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Time-->

2.40 2.45 2.50

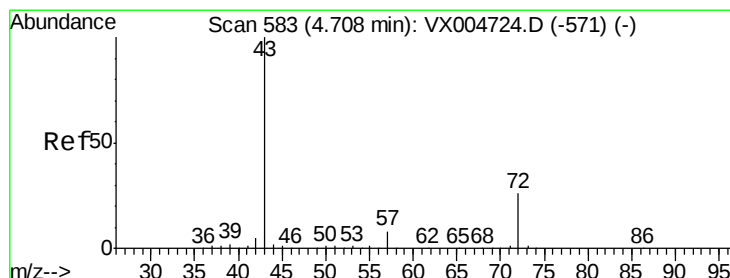
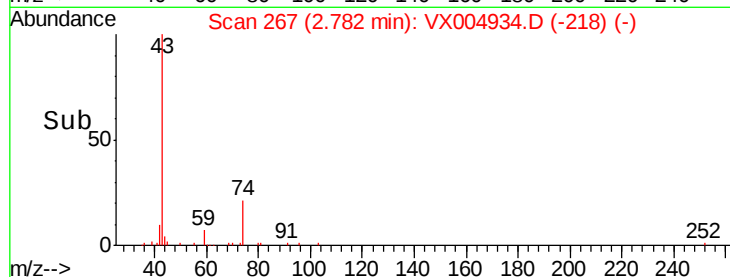
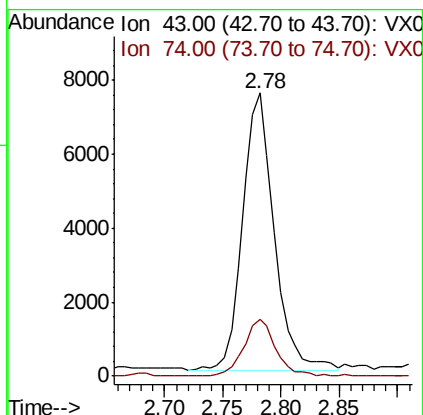
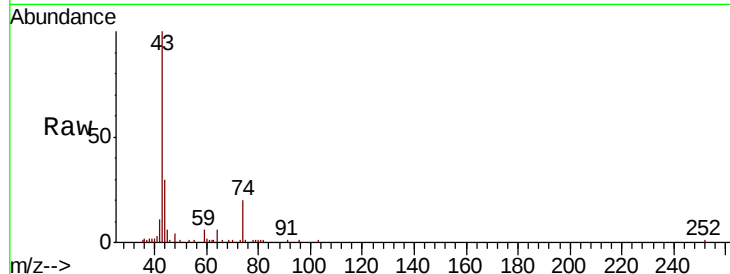




#18
Methvl Acetate
Concen: 3.340 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004934.D
Acq: 02 Oct 2018 22:09

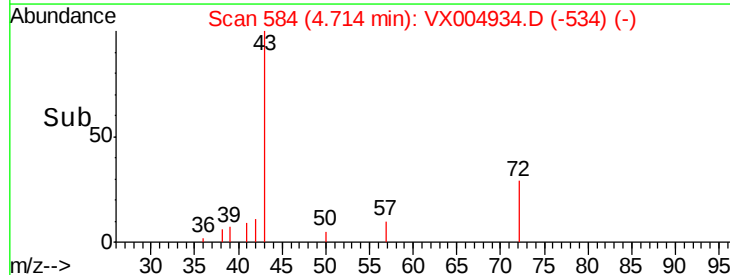
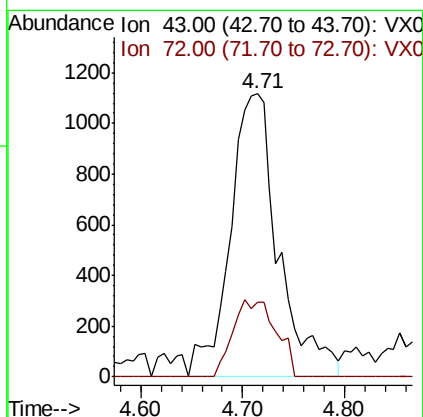
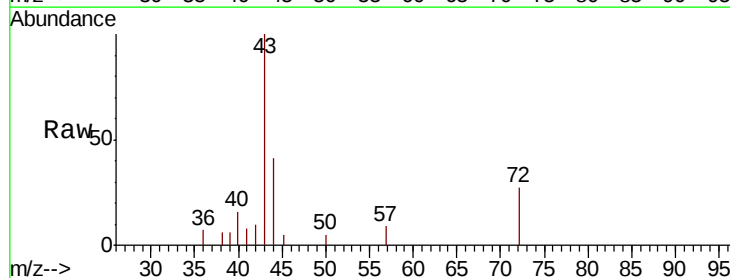
Instrument :
MSVOA_X
ClientSampleId :
PB113401ZHE#02

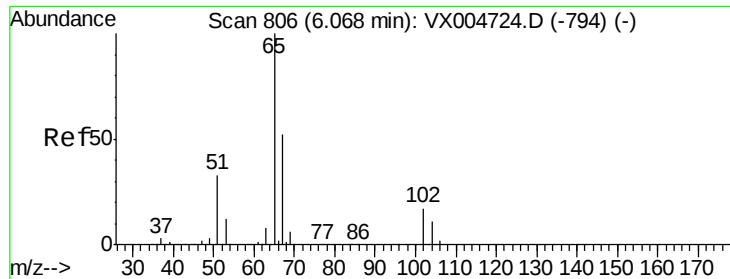
Tot Ion: 43 Resp: 14163
Ion Ratio Lower Upper
43 100
74 20.8 17.8 26.8



#25
2-Butanone
Concen: 1.494 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX004934.D
Acq: 02 Oct 2018 22:09

Tgt Ion: 43 Resp: 3685
Ion Ratio Lower Upper
43 100
72 26.6 20.8 31.2

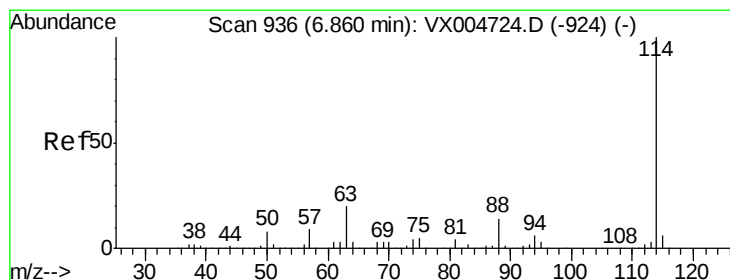
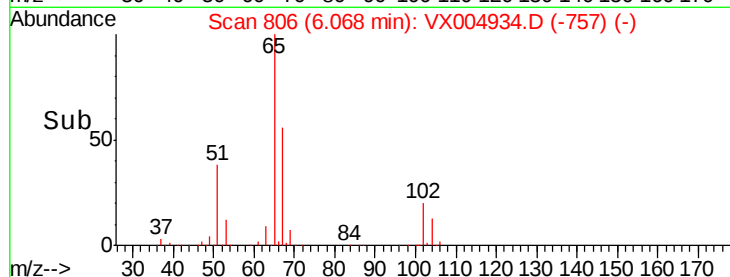
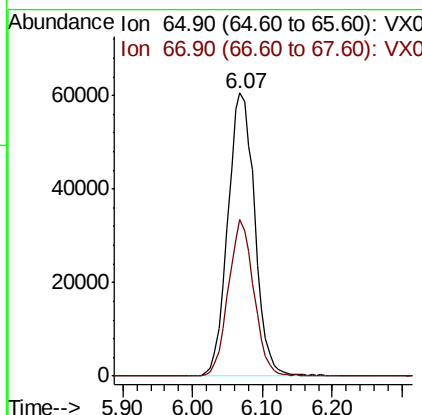
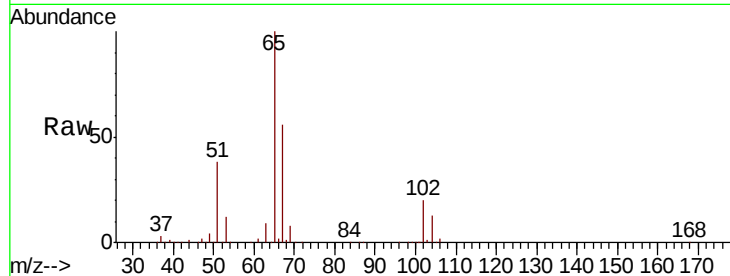




#33
 1,2-Dichloroethane-d4
 Concen: 56.322 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004934.D
 Acq: 02 Oct 2018 22:09

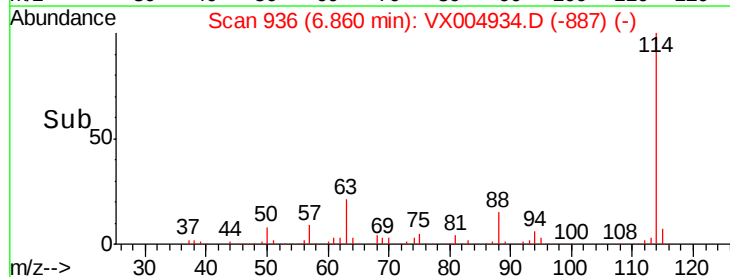
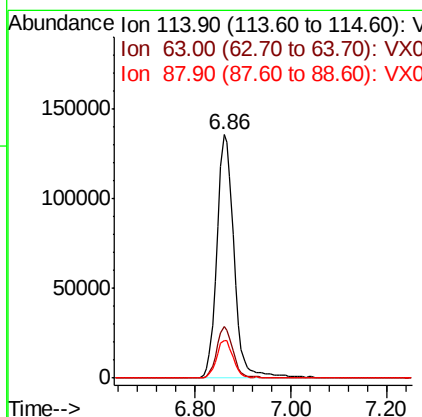
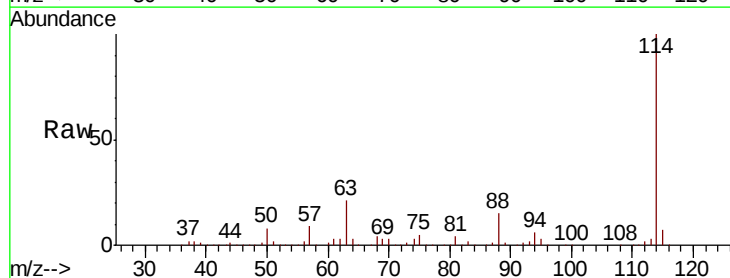
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113401ZHE#02

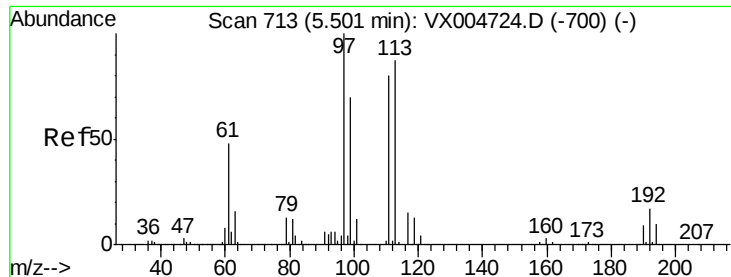
Tot Ion: 65 Resp: 161478
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004934.D
 Acq: 02 Oct 2018 22:09

Tgt Ion: 114 Resp: 337202
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.8
 88 15.4 0.0 27.0

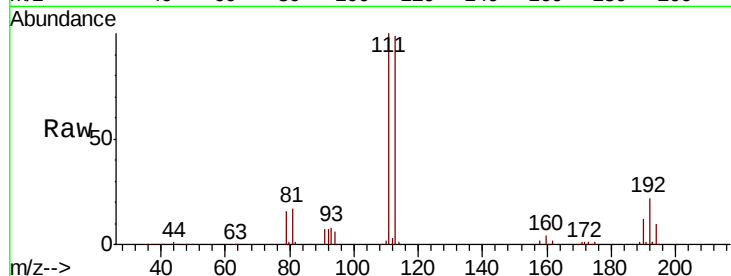




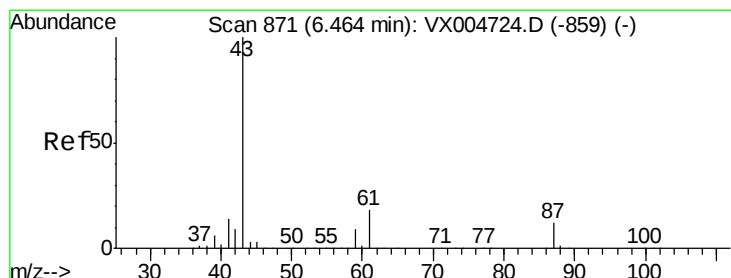
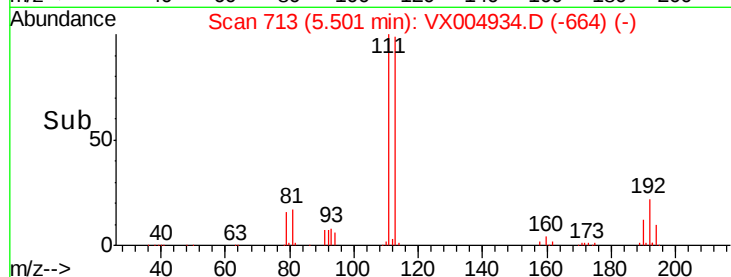
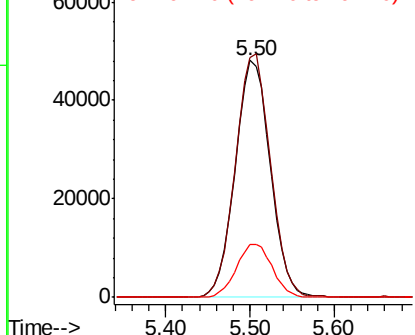
#35
 Dibromofluoromethane
 Concen: 47.542 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004934.D
 Acq: 02 Oct 2018 22:09

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113401ZHE#02

Tot Ion:113 Resp: 135866
 Ion Ratio Lower Upper
 113 100
 111 102.4 77.0 115.4
 192 22.9 17.0 25.6

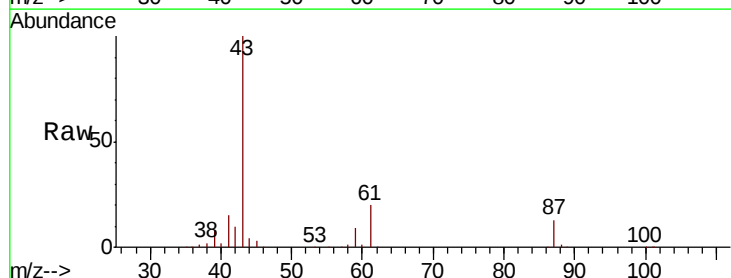


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

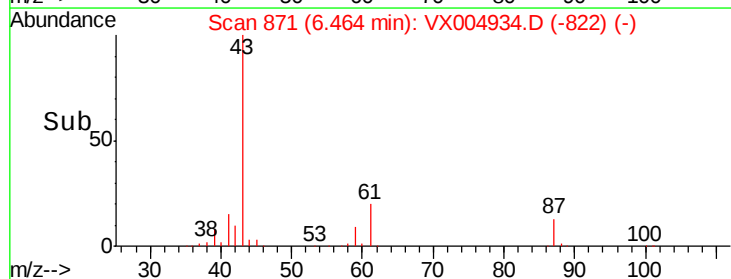
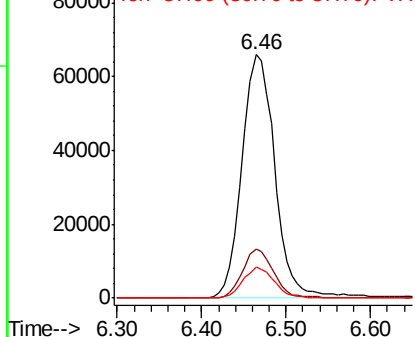


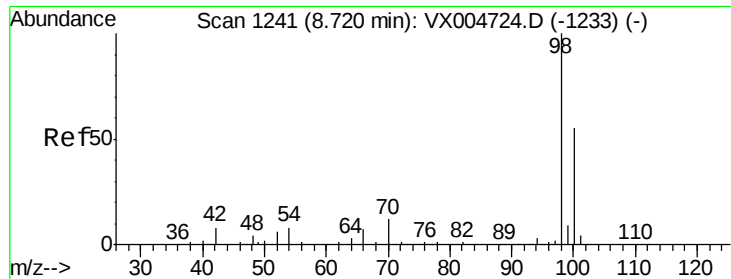
#43
 Isopropyl Acetate
 Concen: 23.269 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004934.D
 Acq: 02 Oct 2018 22:09

Tgt Ion: 43 Resp: 173827
 Ion Ratio Lower Upper
 43 100
 61 19.1 14.2 21.4
 87 12.2 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0

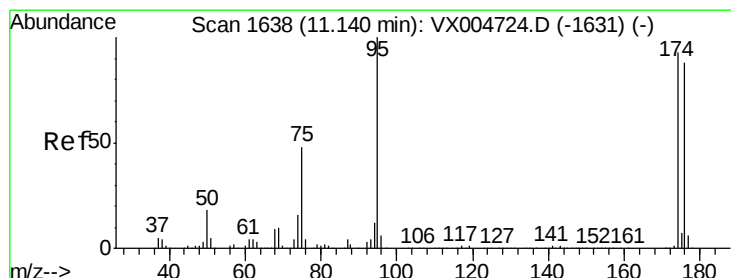
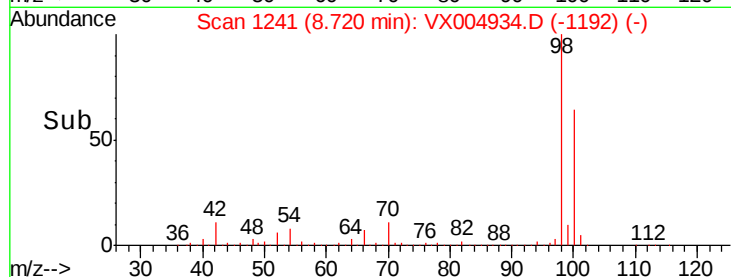
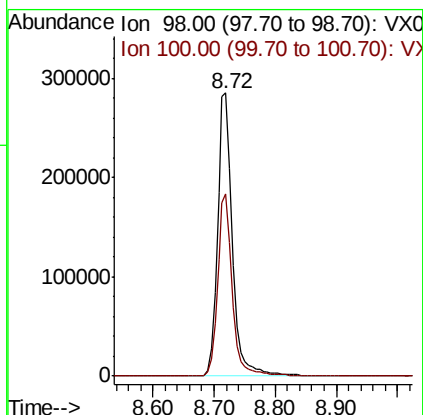
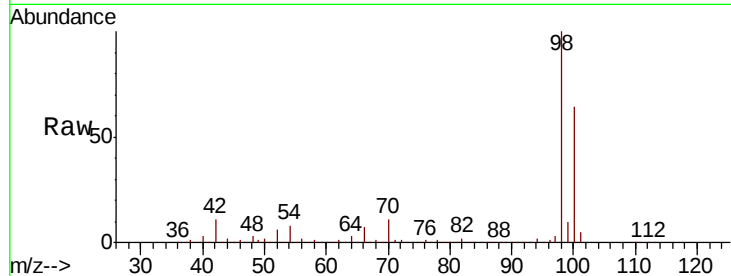




#50
Toluene-d8
Concen: 52.004 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004934.D
Acq: 02 Oct 2018 22:09

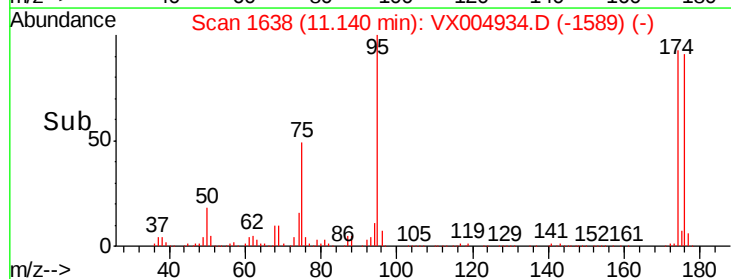
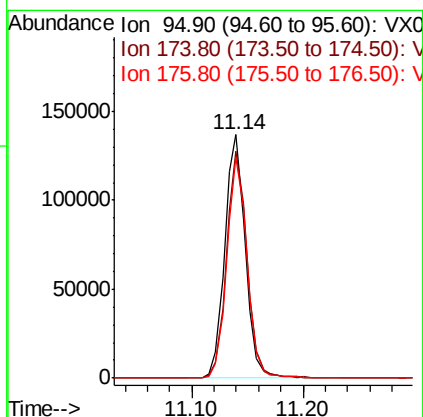
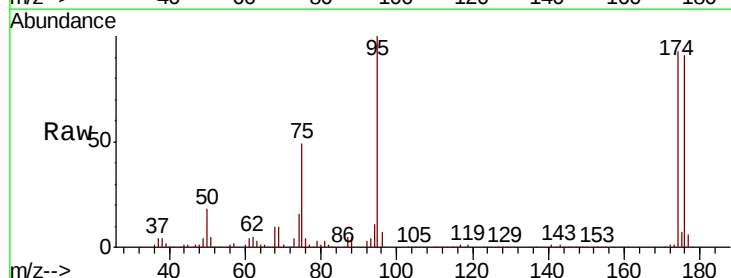
Instrument :
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ClientSampleId :
PB113401ZHE#02

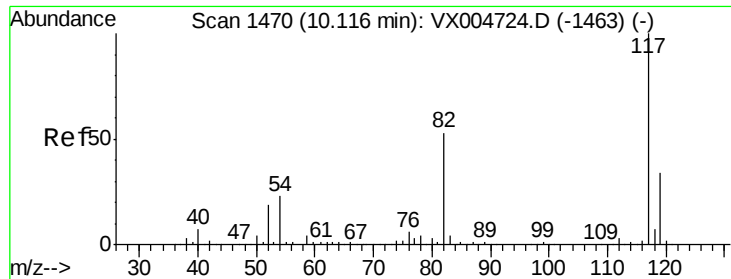
Tot Ion: 98 Resp: 494086
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.015 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004934.D
Acq: 02 Oct 2018 22:09

Tgt Ion: 95 Resp: 174609
Ion Ratio Lower Upper
95 100
174 92.9 0.0 185.0
176 88.9 0.0 180.2

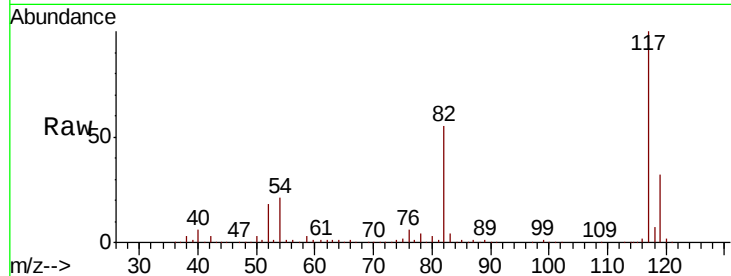




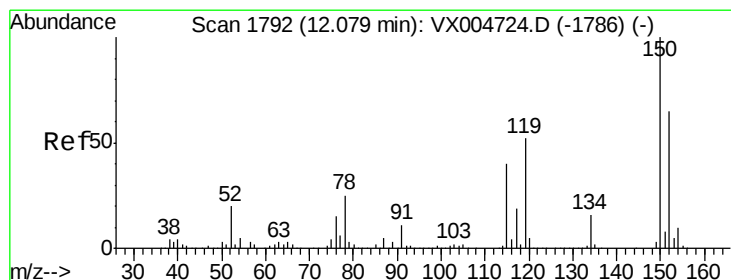
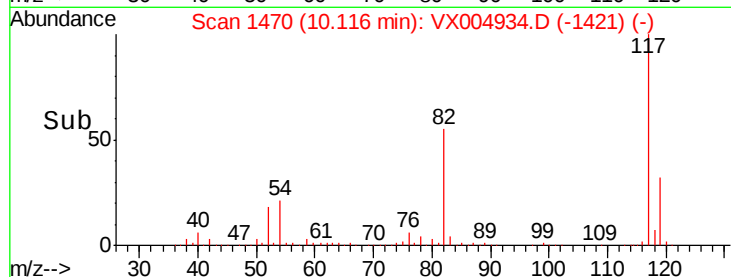
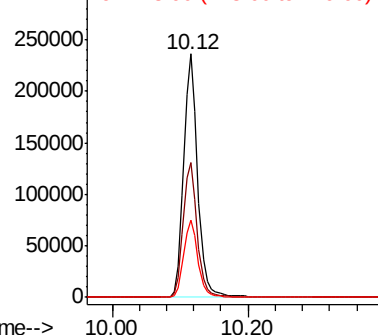
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004934.D
Acq: 02 Oct 2018 22:09

Instrument :
MSVOA_X
ClientSampleId :
PB113401ZHE#02

Tot Ion:117 Resp: 338323
Ion Ratio Lower Upper
117 100
82 55.4 42.2 63.4
119 31.9 27.4 41.0

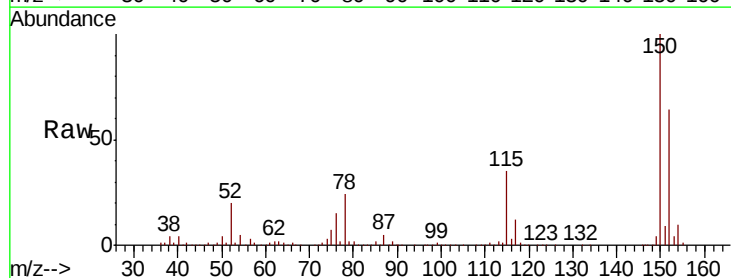


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004934.D
Acq: 02 Oct 2018 22:09

Tgt Ion:152 Resp: 182810
Ion Ratio Lower Upper
152 100
115 54.9 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

