

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004992.D
 Acq On : 04 Oct 2018 01:35
 Operator : JC/MD
 Sample : PB113446ZHE#18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#18

Quant Time: Oct 04 03:54:52 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

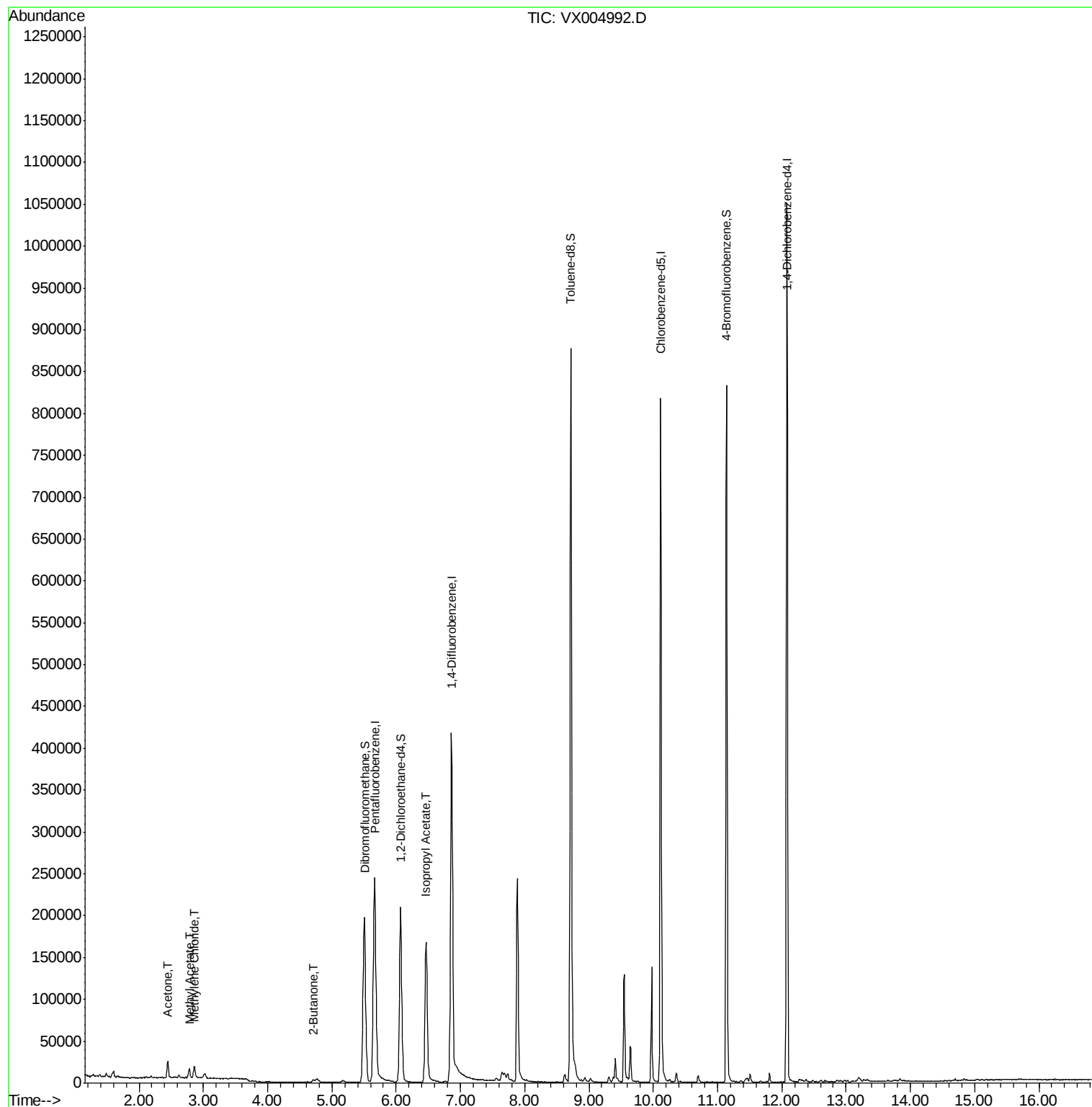
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	432556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	409304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188963	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
35) Dibromofluoromethane	5.51	113	166640	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
50) Toluene-d8	8.72	98	601155	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.14	95	214870	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	21125	9.654	ug/l #	81
18) Methyl Acetate	2.78	43	13791	2.488	ug/l	100
20) Methylene Chloride	2.85	84	6346	1.175	ug/l #	85
25) 2-Butanone	4.71	43	4562	1.414	ug/l	95
43) Isopropyl Acetate	6.46	43	232585	24.271	ug/l	96

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004992.D

Acq: 04 Oct 2018 01:35

Instrument :

MSVOA_X

ClientSampleId :

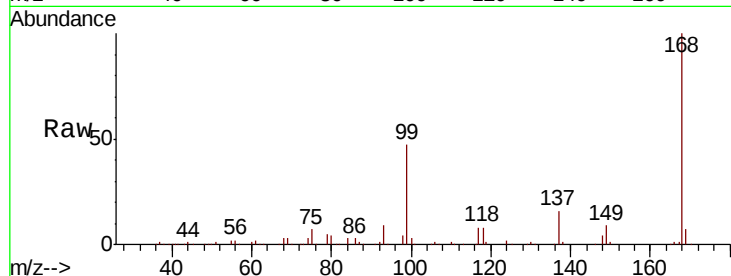
PB113446ZHE#18

Tot Ion:168 Resp: 262379

Ion Ratio Lower Upper

168 100

99 47.0 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

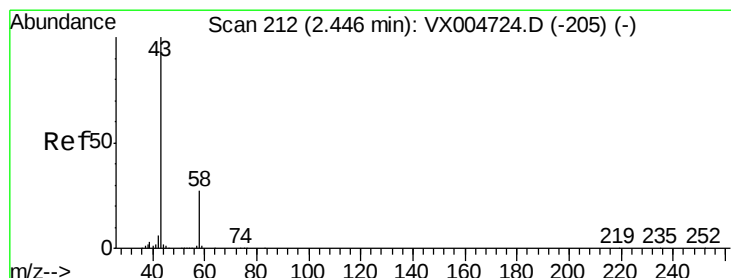
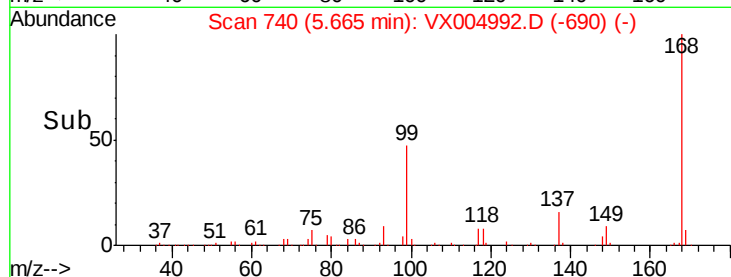
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.654 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004992.D

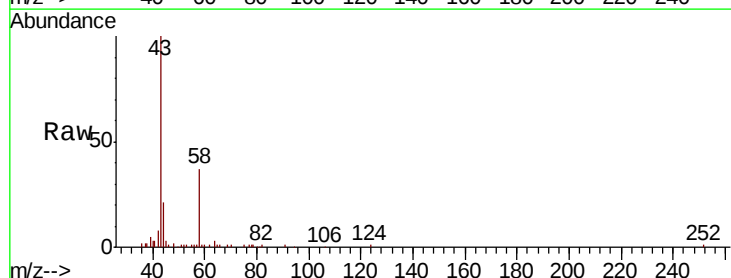
Acq: 04 Oct 2018 01:35

Tgt Ion: 43 Resp: 21125

Ion Ratio Lower Upper

43 100

58 37.2 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

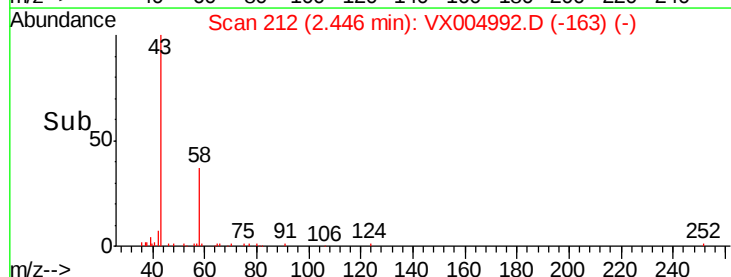
15000

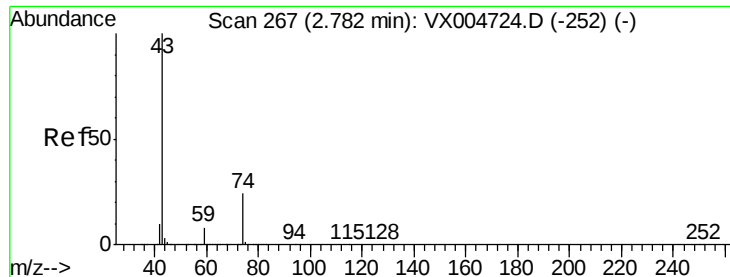
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

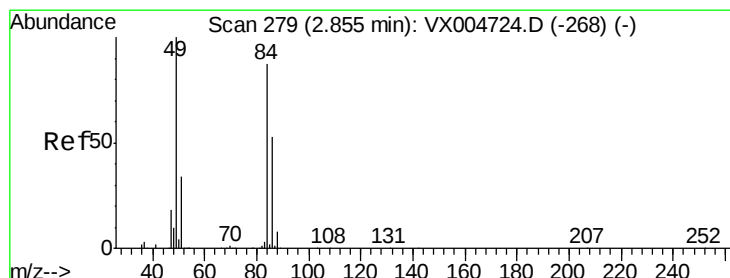
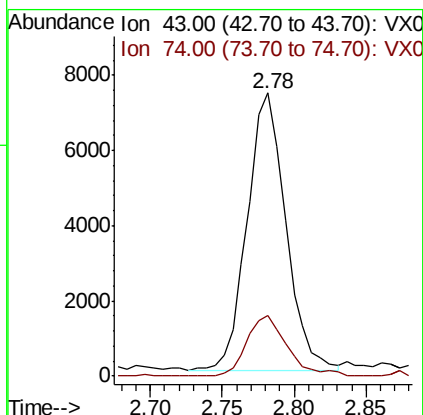
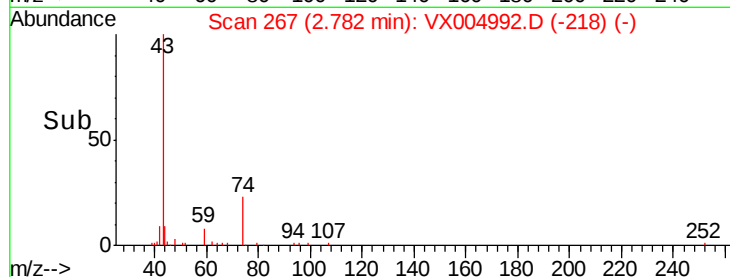
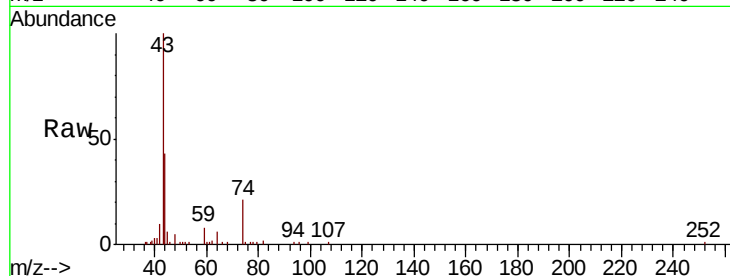




#18
Methvl Acetate
Concen: 2.488 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

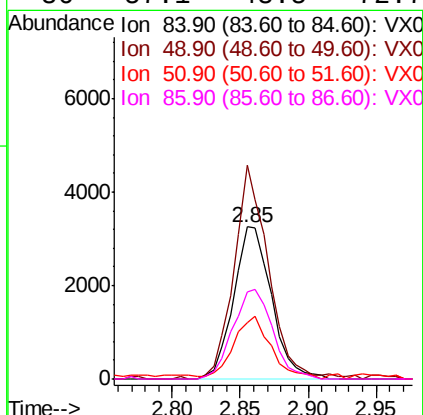
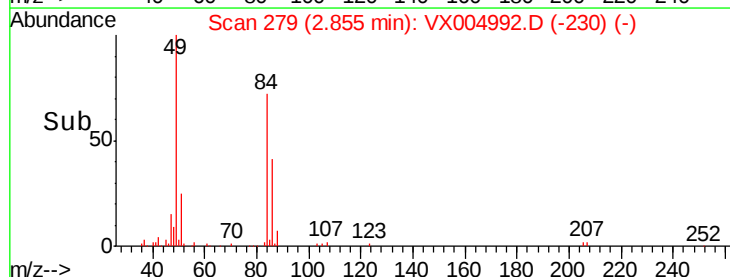
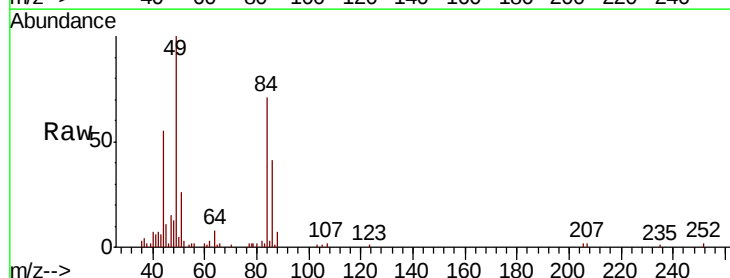
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#18

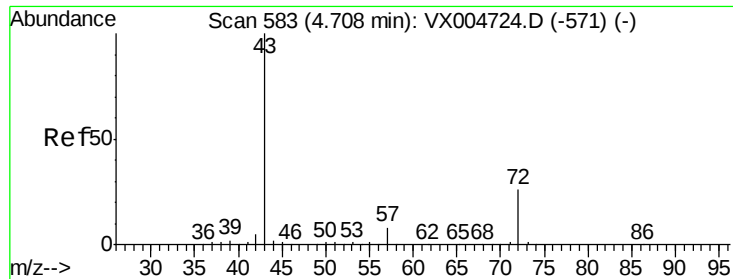
Tot Ion: 43 Resp: 13791
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8



#20
Methylene Chloride
Concen: 1.175 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 84 Resp: 6346
Ion Ratio Lower Upper
84 100
49 140.5 92.3 138.5#
51 34.3 31.8 47.6
86 57.1 48.5 72.7

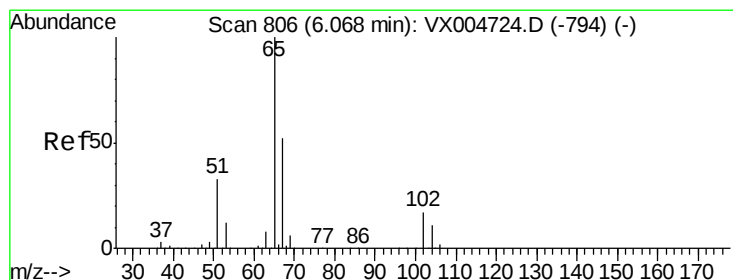
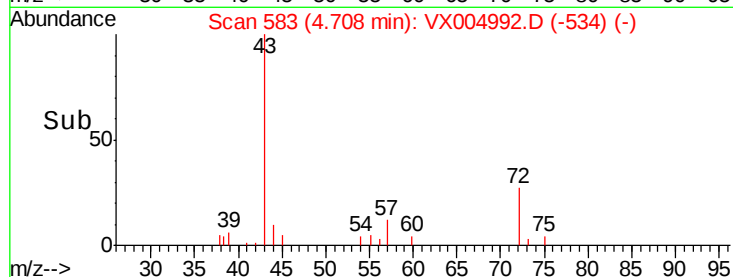
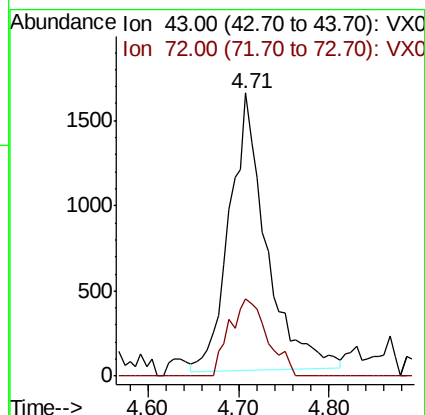
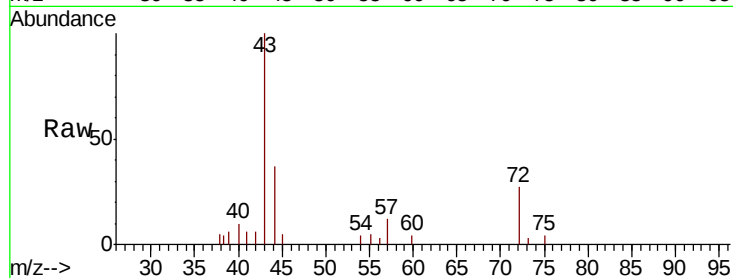




#25
2-Butanone
Concen: 1.414 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

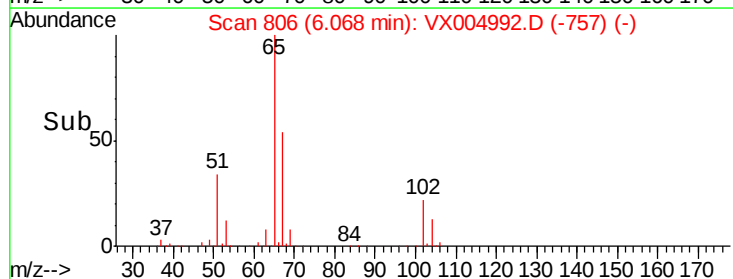
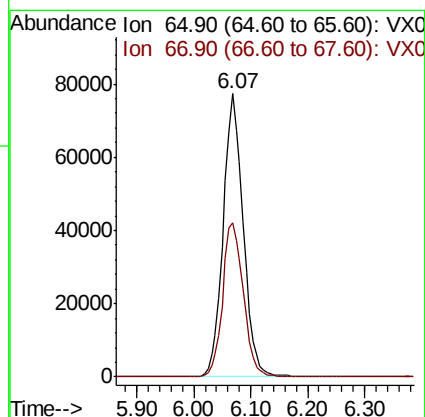
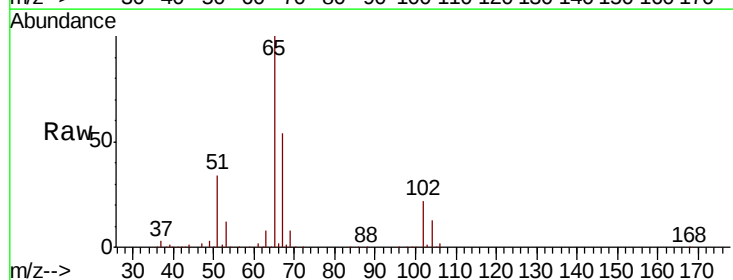
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#18

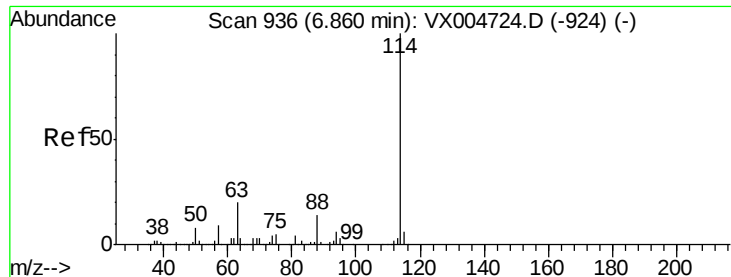
Tot Ion: 43 Resp: 4562
Ion Ratio Lower Upper
43 100
72 28.4 20.8 31.2



#33
1,2-Dichloroethane-d4
Concen: 50.416 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 65 Resp: 188963
Ion Ratio Lower Upper
65 100
67 56.0 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: VX004992.D

Acq: 04 Oct 2018 01:35

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#18

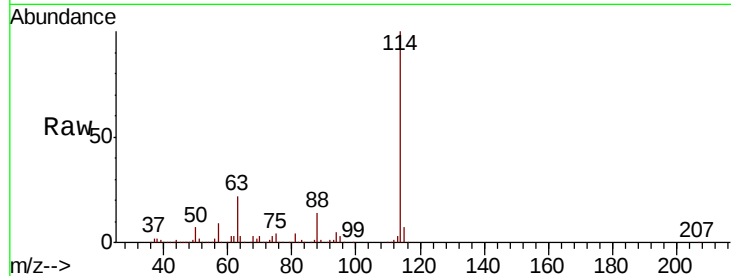
Tot Ion:114 Resp: 432556

Ion Ratio Lower Upper

114 100

63 21.7 0.0 39.8

88 14.3 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

100000

50000

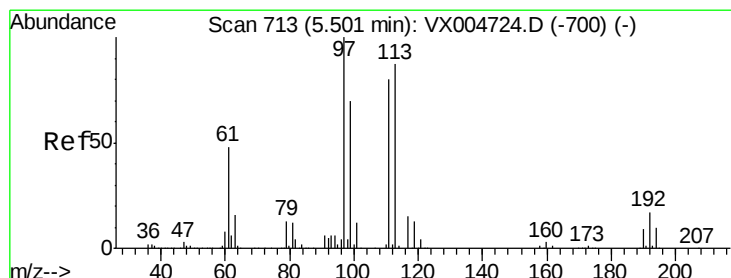
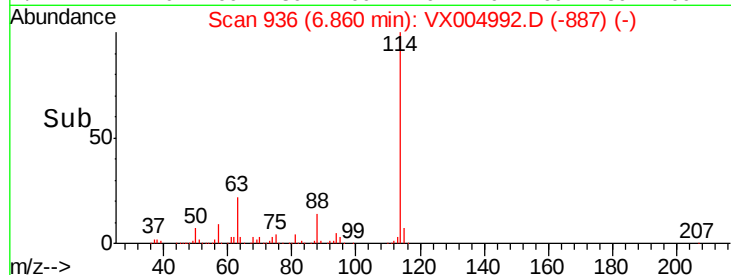
0

6.86

7.00

7.20

Time-->



#35

Dibromofluoromethane

Concen: 45.456 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004992.D

Acq: 04 Oct 2018 01:35

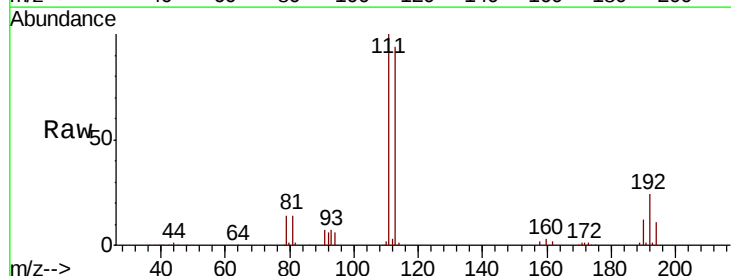
Tgt Ion:113 Resp: 166640

Ion Ratio Lower Upper

113 100

111 102.8 77.0 115.4

192 23.7 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

80000

60000

40000

20000

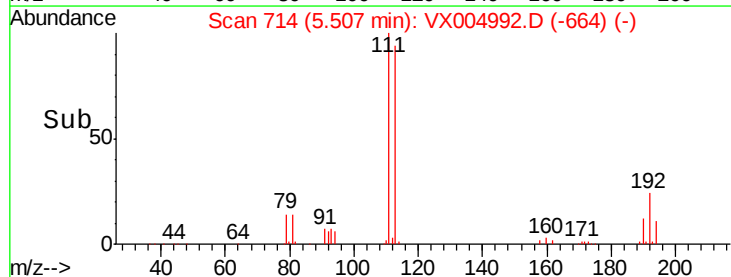
0

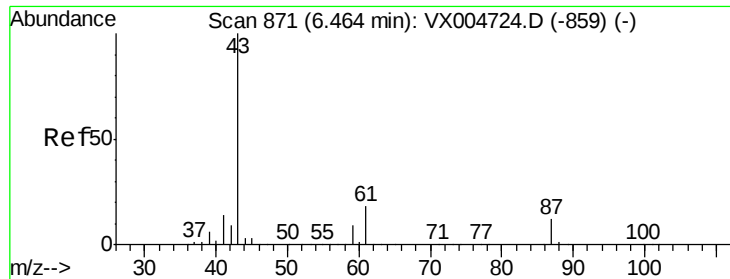
5.51

5.60

5.70

Time-->



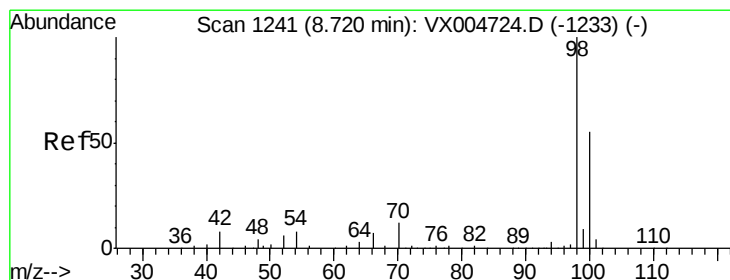
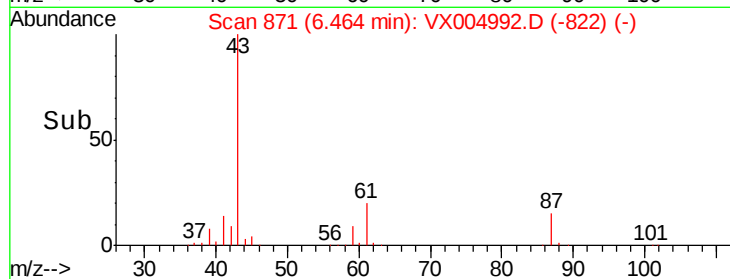
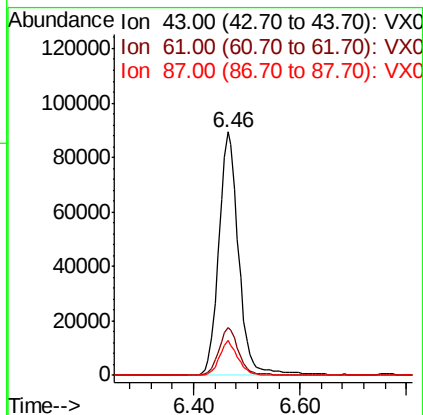
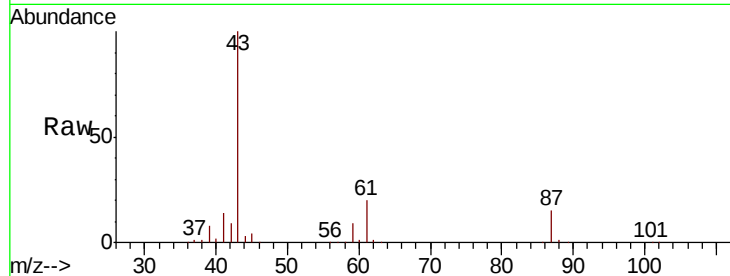


#43

Isopropyl Acetate
 Concen: 24.271 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004992.D
 Acq: 04 Oct 2018 01:35

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#18

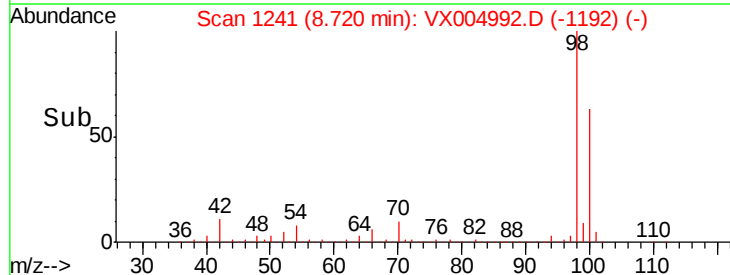
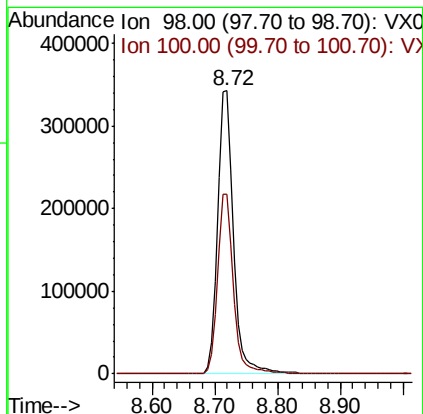
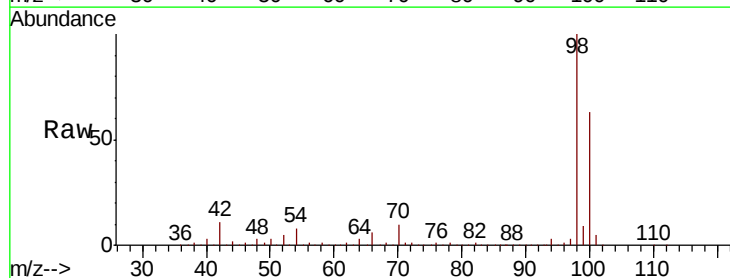
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.2	21.4
87	13.4	9.3	13.9

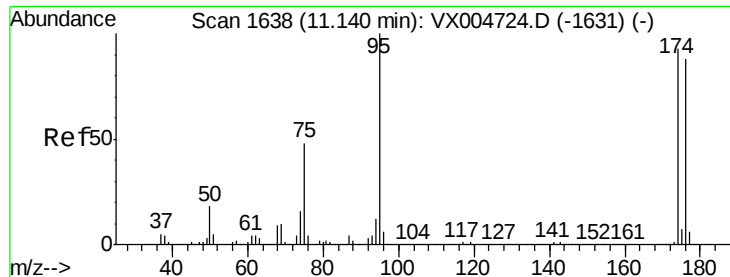


#50

Toluene-d8
 Concen: 49.326 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VX004992.D
 Acq: 04 Oct 2018 01:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.9	77.9

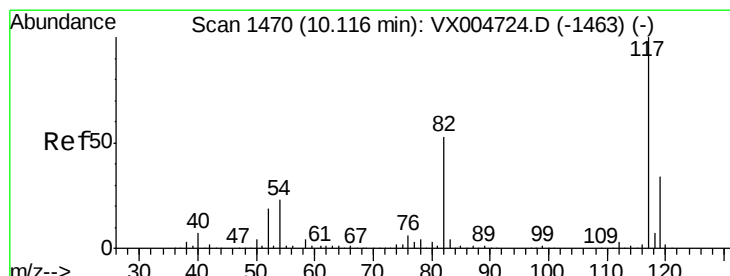
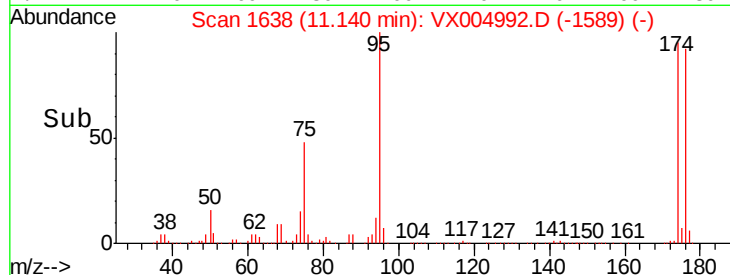
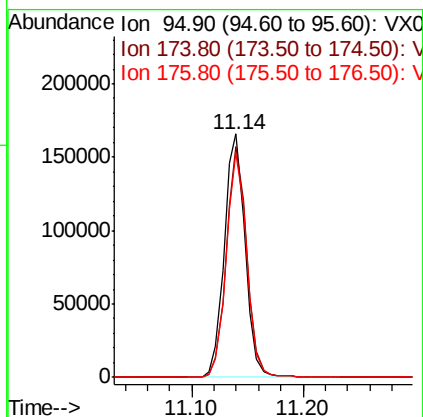
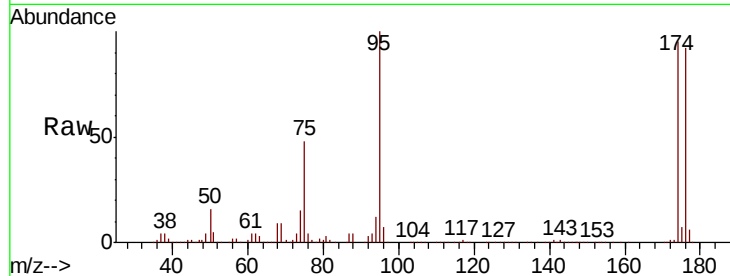




#62
4-Bromofluorobenzene
Concen: 48.939 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

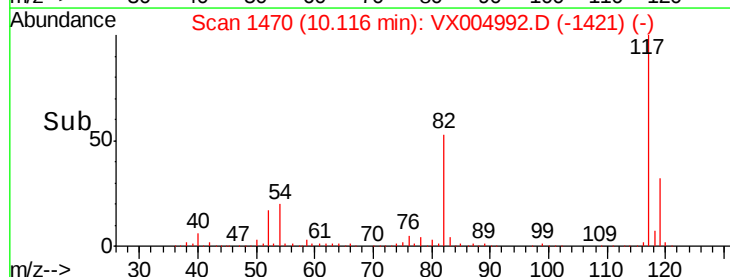
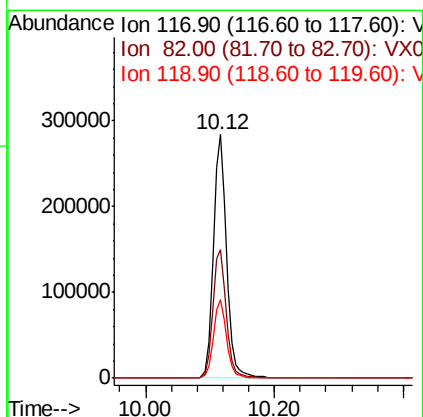
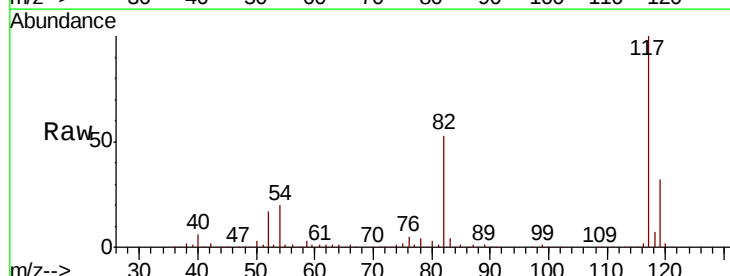
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#18

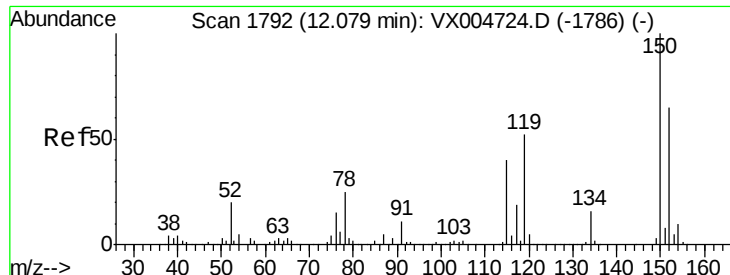
Tot Ion: 95 Resp: 214870
Ion Ratio Lower Upper
95 100
174 93.0 0.0 185.0
176 90.2 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004992.D
Acq: 04 Oct 2018 01:35

Tgt Ion: 117 Resp: 409304
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.4
119 32.4 27.4 41.0

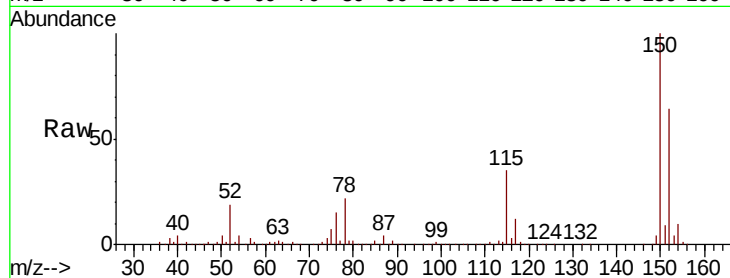




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX004992.D
 Acq: 04 Oct 2018 01:35

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#18

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	40.2	120.6
150	156.0	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

