

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
 Data File : VX005738.D
 Acq On : 01 Nov 2018 19:12
 Operator : JC/MD
 Sample : PB114370ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114370ZHE#04

Quant Time: Nov 02 04:29:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

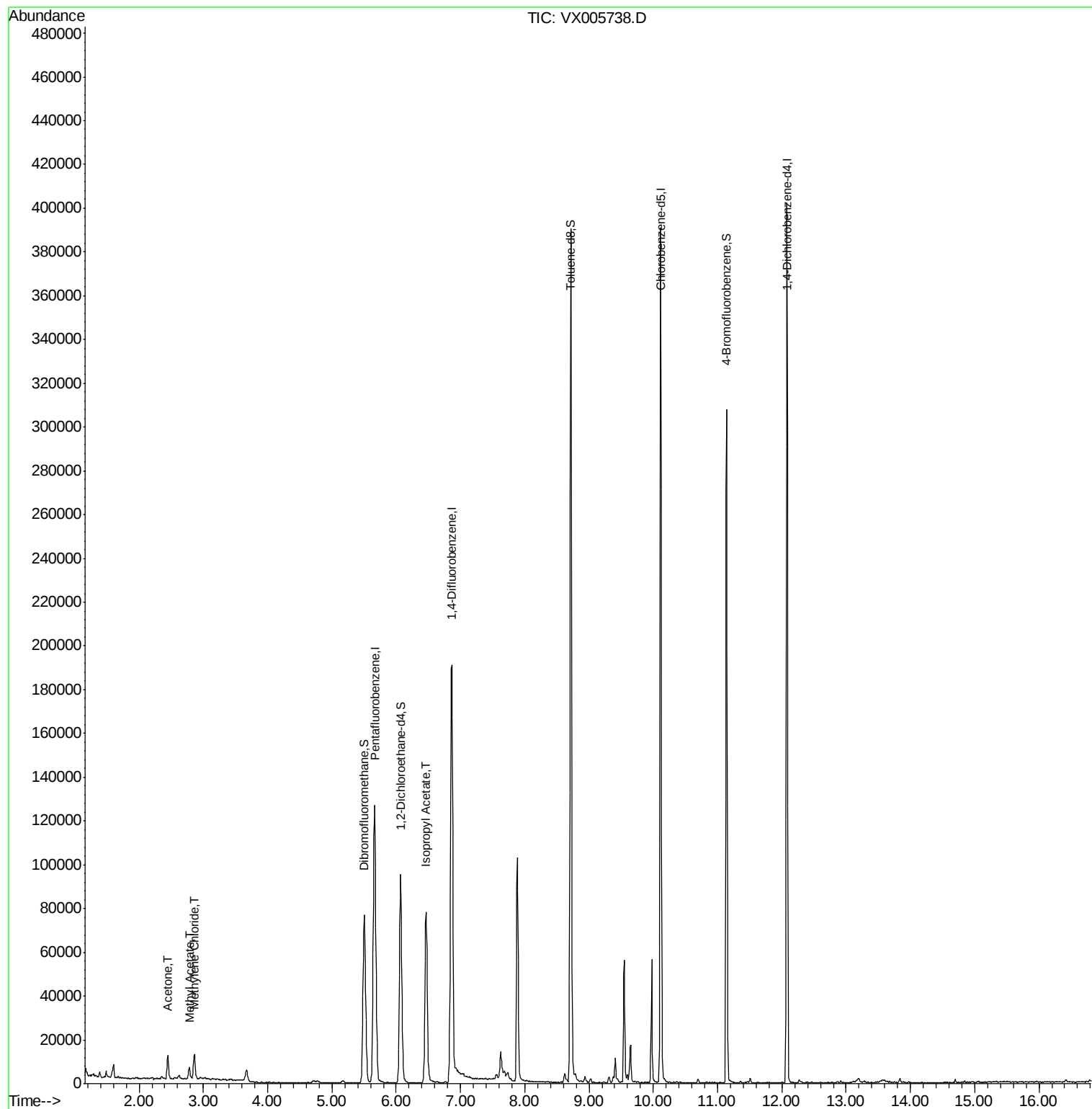
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	116942	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	198654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	169512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	74489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	88943	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
35) Dibromofluoromethane	5.50	113	67797	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
50) Toluene-d8	8.71	98	238791	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.14	95	75899	42.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.26%	
Target Compounds						
16) Acetone	2.45	43	10935	3.241	ug/l	92
18) Methyl Acetate	2.78	43	6360	2.592	ug/l #	91
20) Methylene Chloride	2.86	84	5031	3.412	ug/l	88
43) Isopropyl Acetate	6.46	43	103822	26.491	ug/l	98

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005738.D

Acq: 01 Nov 2018 19:12

Instrument :

MSVOA_X

ClientSampleId :

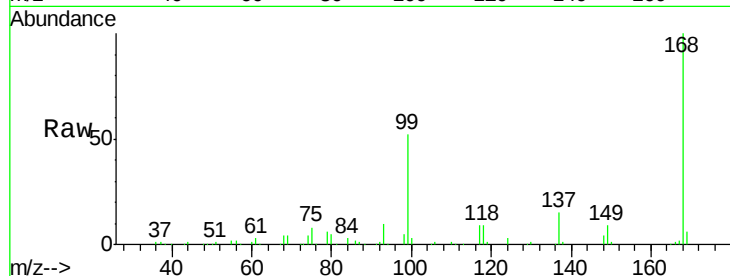
PB114370ZHE#04

Tgt Ion:168 Resp: 116942

Ion Ratio Lower Upper

168 100

99 52.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

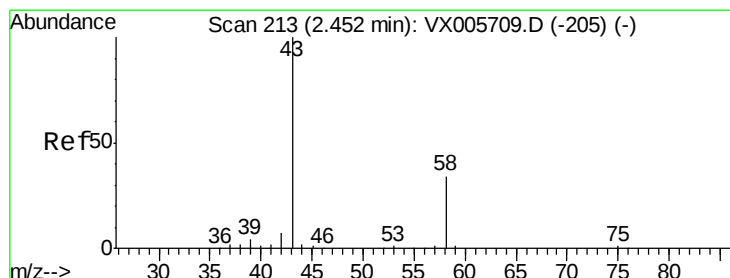
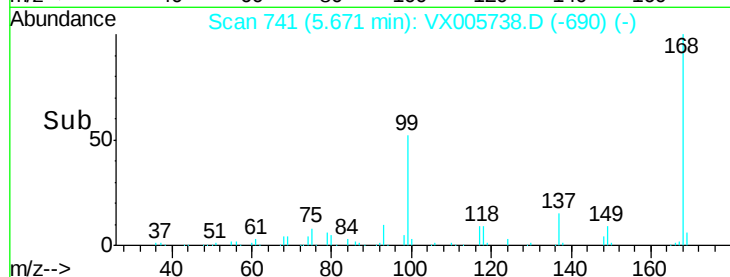
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.241 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005738.D

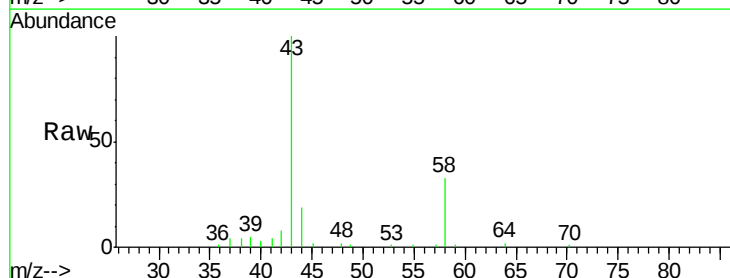
Acq: 01 Nov 2018 19:12

Tgt Ion: 43 Resp: 10935

Ion Ratio Lower Upper

43 100

58 33.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

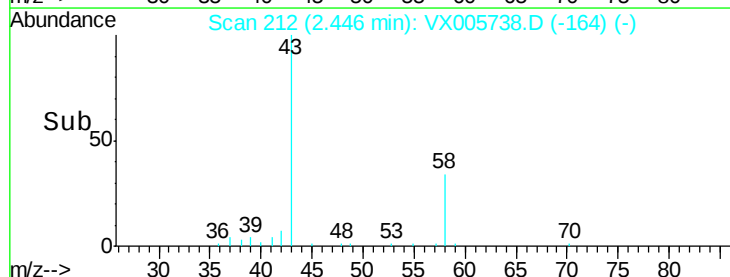
6000

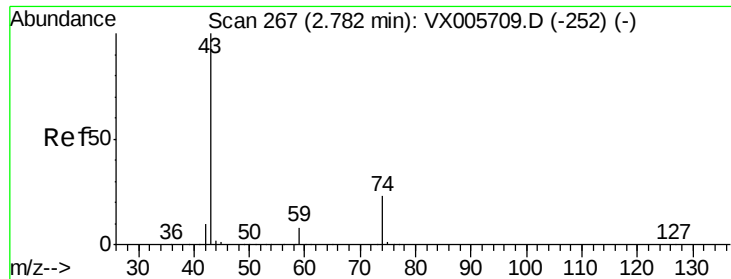
4000

2000

0

Time--> 2.40 2.45 2.50

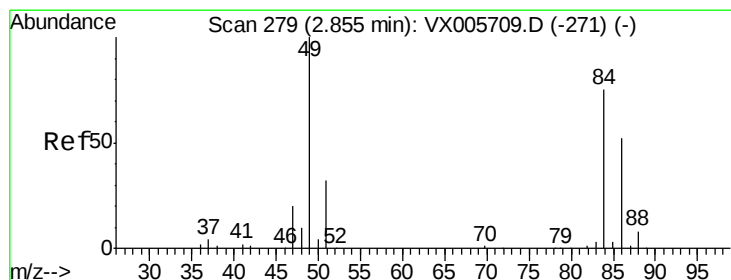
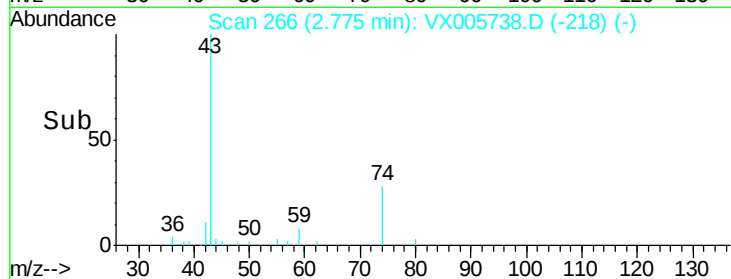
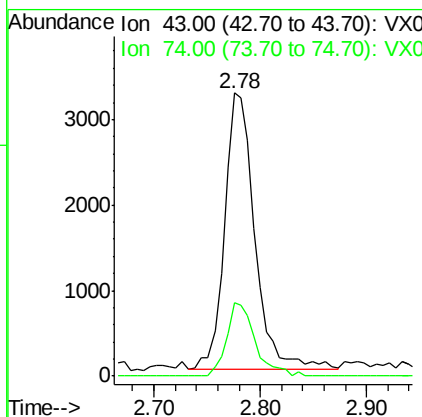
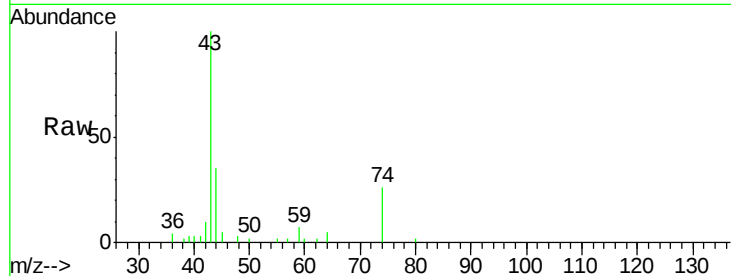




#18
Methyl Acetate
Concen: 2.592 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005738.D
Acq: 01 Nov 2018 19:12

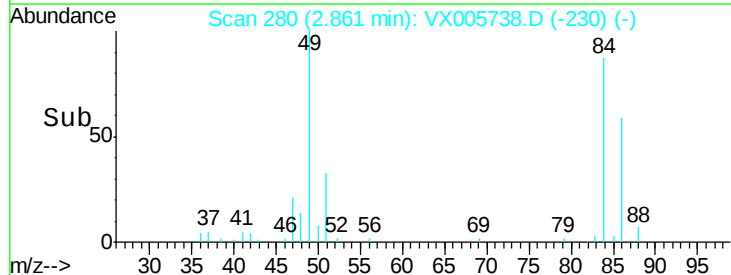
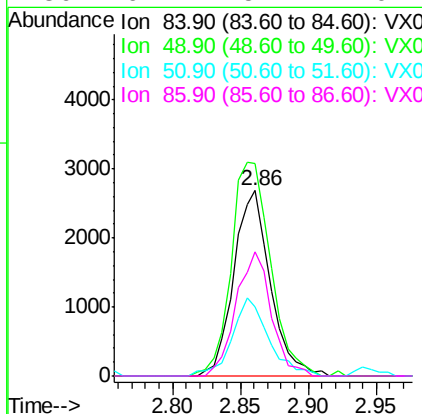
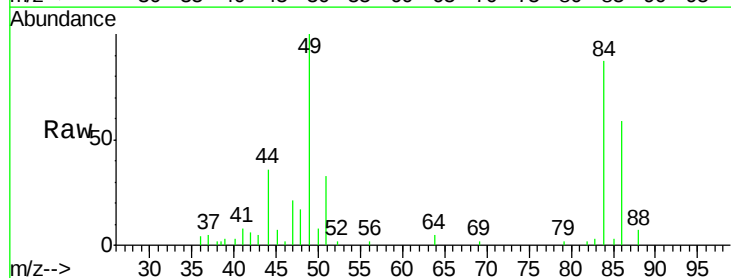
Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#04

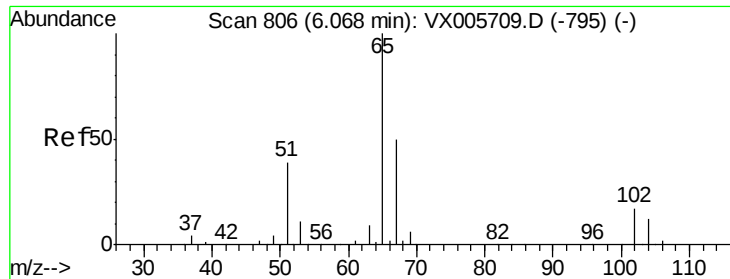
Tgt Ion: 43 Resp: 6360
Ion Ratio Lower Upper
43 100
74 25.3 16.8 25.2#



#20
Methylene Chloride
Concen: 3.412 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005738.D
Acq: 01 Nov 2018 19:12

Tgt Ion: 84 Resp: 5031
Ion Ratio Lower Upper
84 100
49 115.1 109.5 164.3
51 37.5 33.3 49.9
86 67.4 52.7 79.1

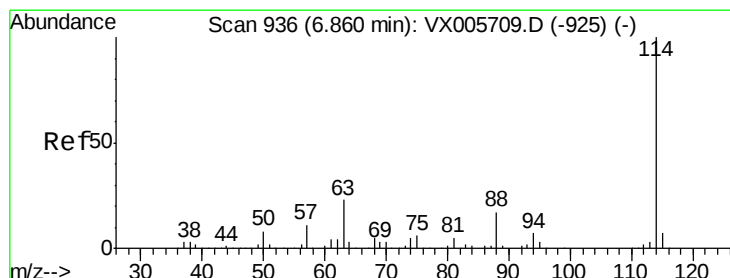
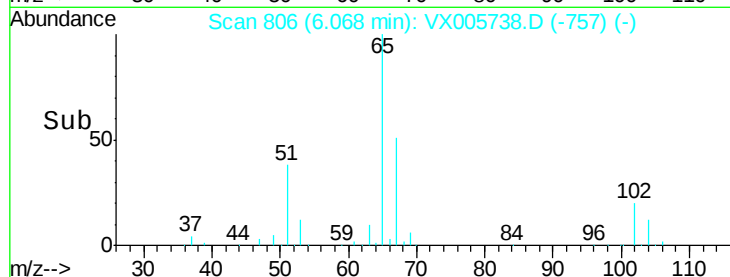
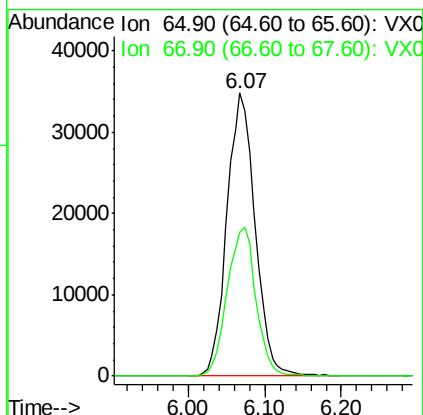
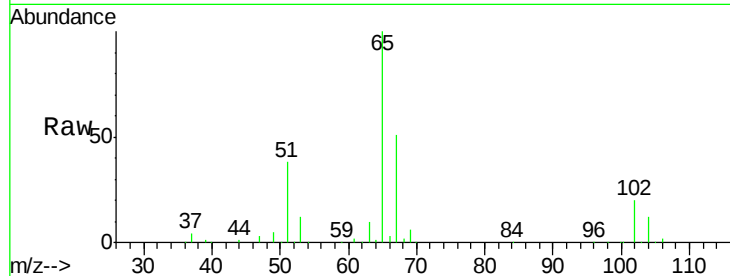




#33
 1,2-Dichloroethane-d4
 Concen: 52.022 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005738.D
 Acq: 01 Nov 2018 19:12

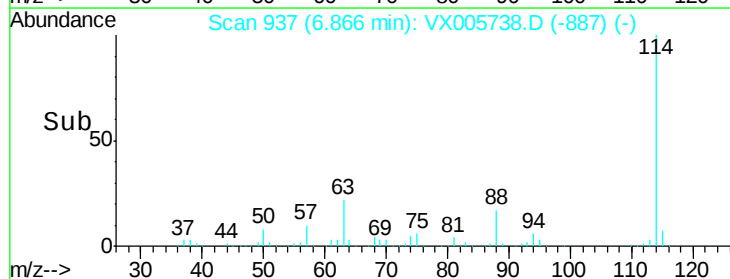
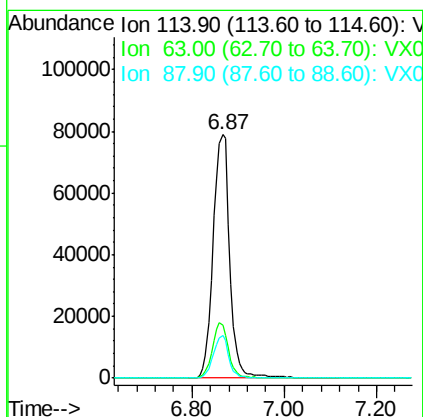
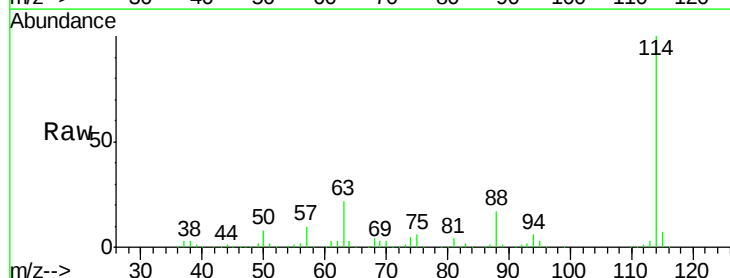
Instrument :
 MSVOA_X
 ClientSampleId :
 PB114370ZHE#04

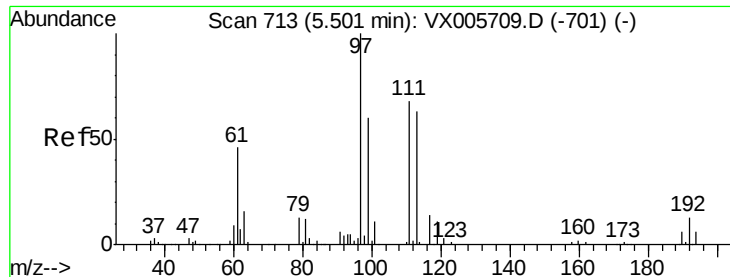
Tgt Ion: 65 Resp: 88943
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005738.D
 Acq: 01 Nov 2018 19:12

Tgt Ion: 114 Resp: 198654
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.8
 88 17.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.289 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005738.D

Acq: 01 Nov 2018 19:12

Instrument :

MSVOA_X

ClientSampleId :

PB114370ZHE#04

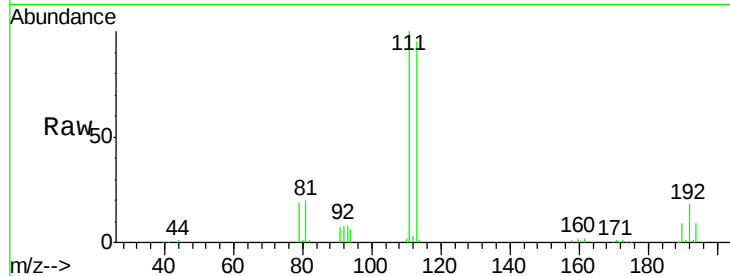
Tgt Ion:113 Resp: 67797

Ion Ratio Lower Upper

113 100

111 100.7 82.3 123.5

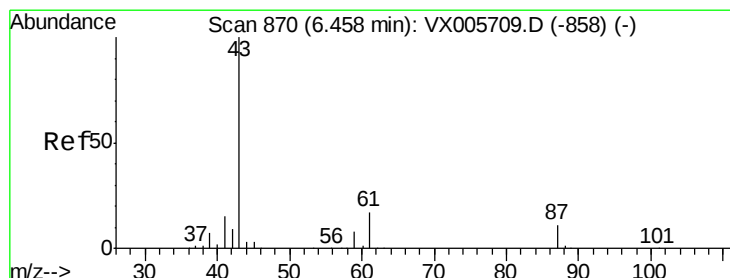
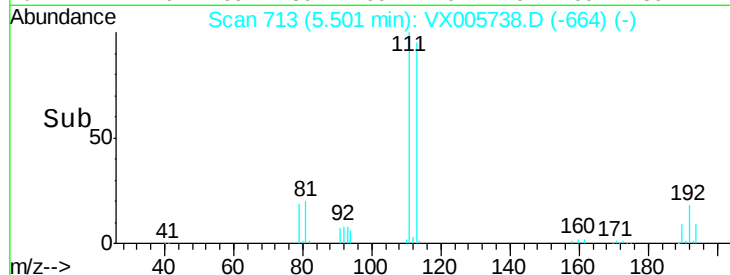
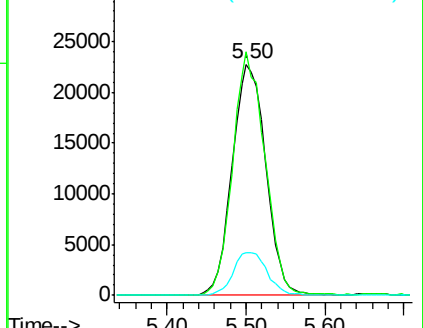
192 18.7 17.9 26.9



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: 26.491 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005738.D

Acq: 01 Nov 2018 19:12

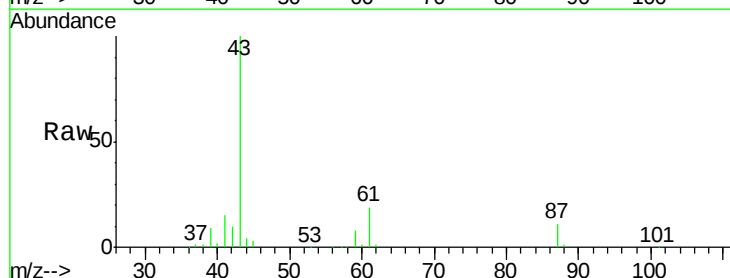
Tgt Ion: 43 Resp: 103822

Ion Ratio Lower Upper

43 100

61 19.9 14.6 22.0

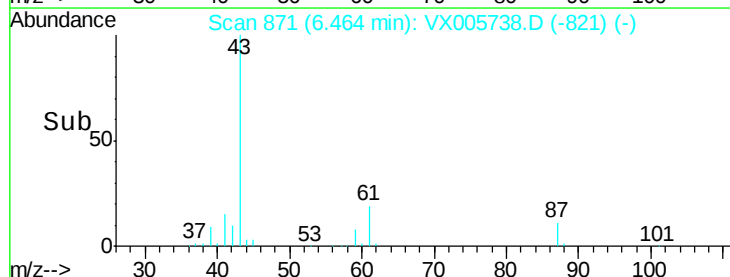
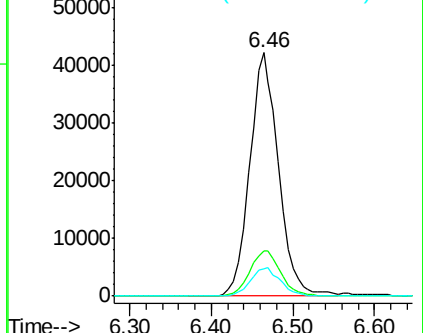
87 12.3 9.6 14.4

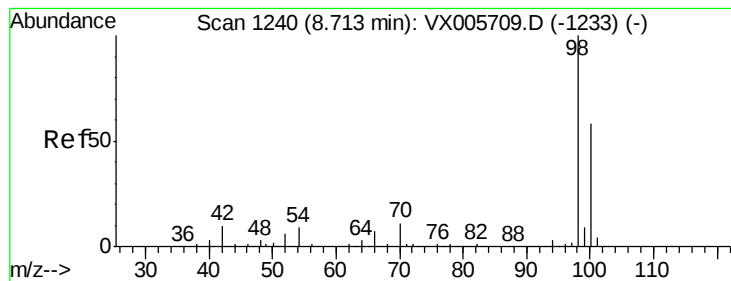


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.497 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005738.D

Acq: 01 Nov 2018 19:12

Instrument :

MSVOA_X

ClientSampleId :

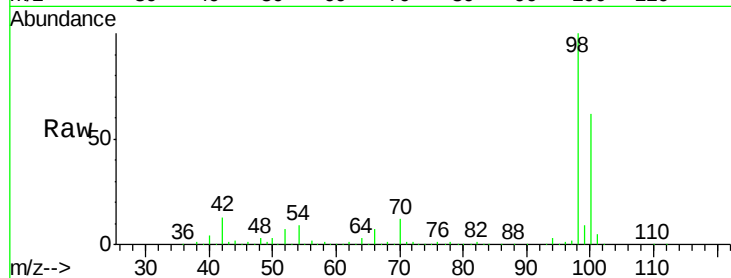
PB114370ZHE#04

Tgt Ion: 98 Resp: 238791

Ion Ratio Lower Upper

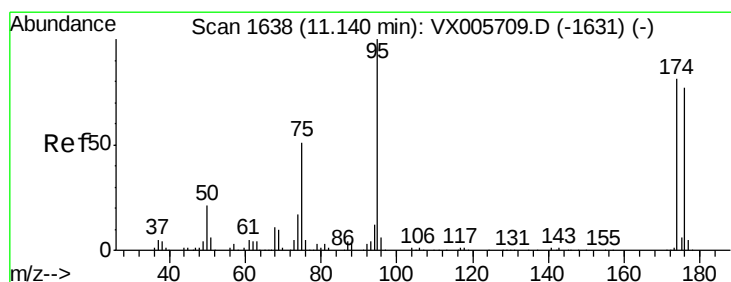
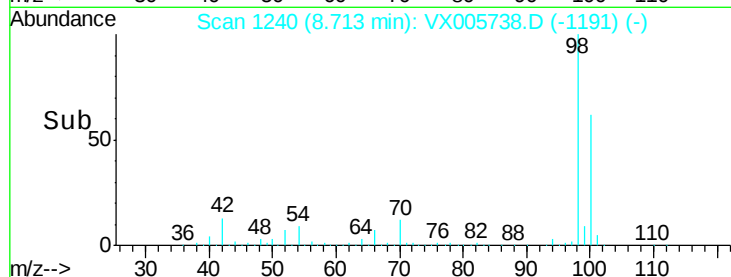
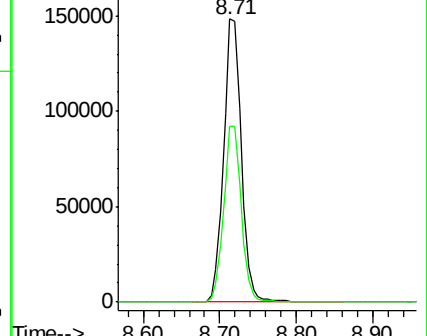
98 100

100 61.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.628 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005738.D

Acq: 01 Nov 2018 19:12

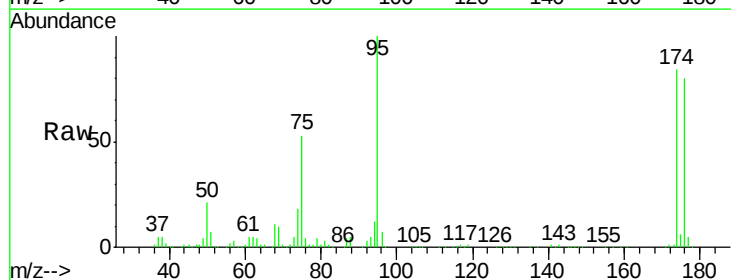
Tgt Ion: 95 Resp: 75899

Ion Ratio Lower Upper

95 100

174 81.3 0.0 184.4

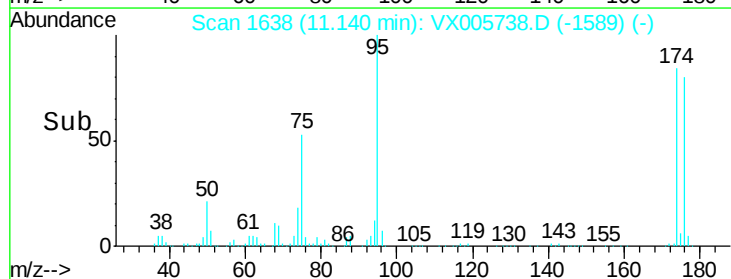
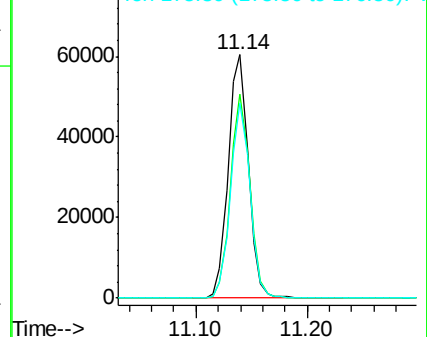
176 77.8 0.0 177.4

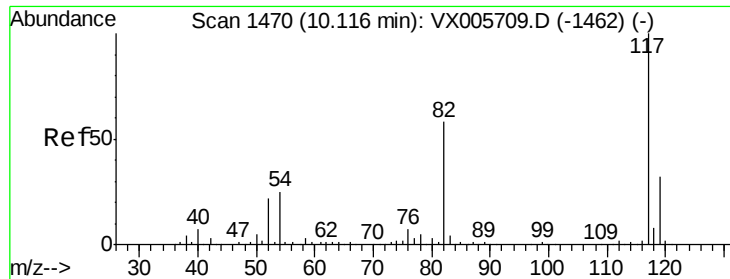


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

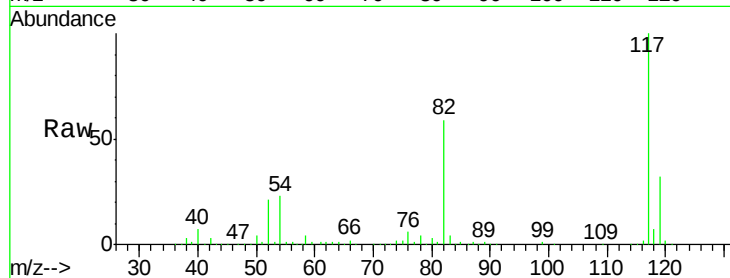




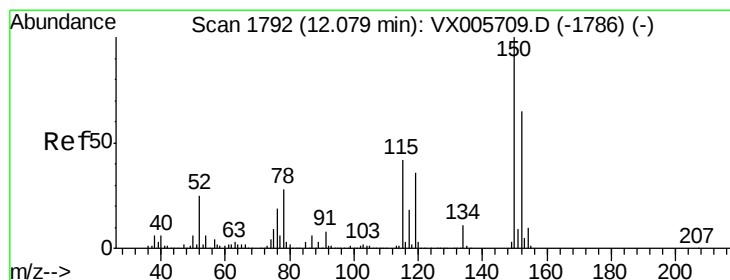
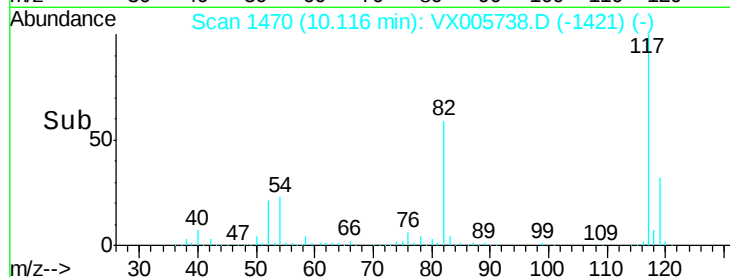
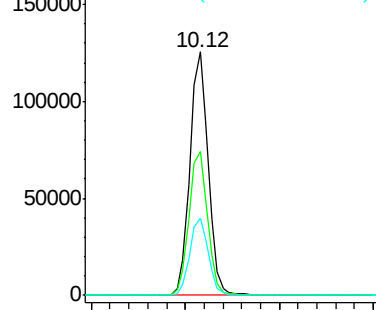
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005738.D
Acq: 01 Nov 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#04

Tgt Ion:117 Resp: 169512
Ion Ratio Lower Upper
117 100
82 59.3 44.1 66.1
119 31.6 26.2 39.2

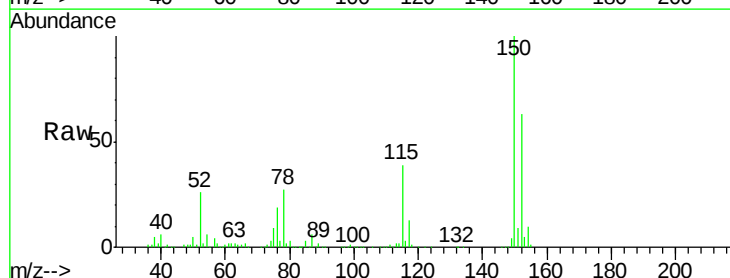


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005738.D
Acq: 01 Nov 2018 19:12

Tgt Ion:152 Resp: 74489
Ion Ratio Lower Upper
152 100
115 59.7 39.4 118.1
150 157.1 0.0 346.4



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

