

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006497.D
 Acq On : 13 Dec 2018 16:11
 Operator : JC/MD
 Sample : PB115614ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB115614ZHE#05

Quant Time: Dec 14 00:58:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

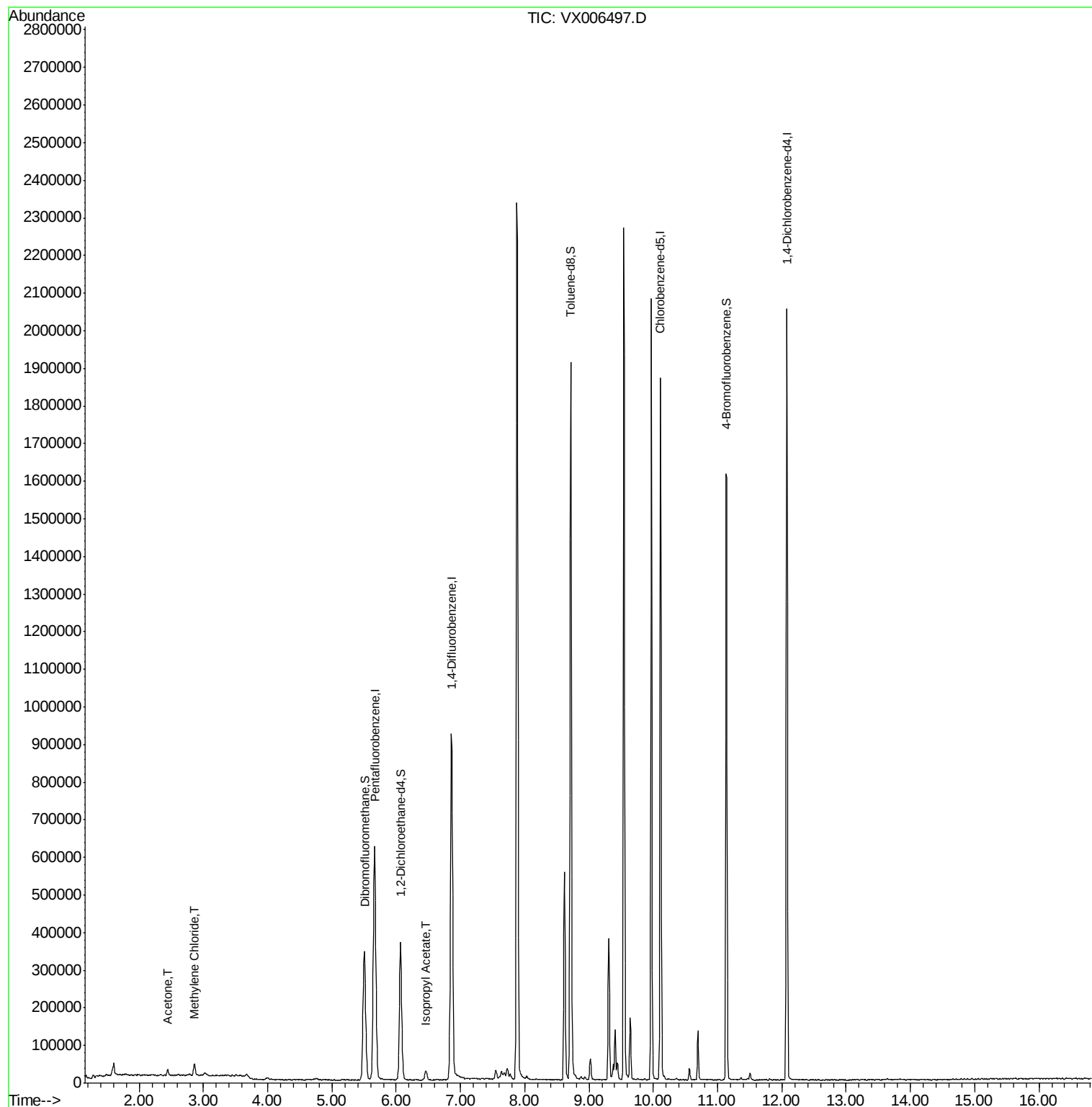
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	624960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1010188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	930684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	440941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	339333	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
35) Dibromofluoromethane	5.50	113	300829	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
50) Toluene-d8	8.71	98	1197590	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.13	95	439439	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
Target Compounds						
16) Acetone	2.45	43	16745	5.593	ug/l	91
20) Methylene Chloride	2.86	84	15856	2.488	ug/l	90
43) Isopropyl Acetate	6.46	43	33701	2.122	ug/l	96

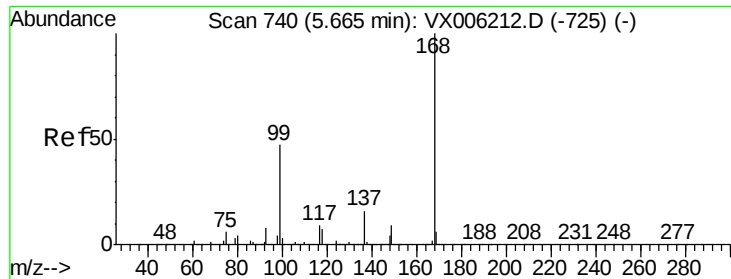
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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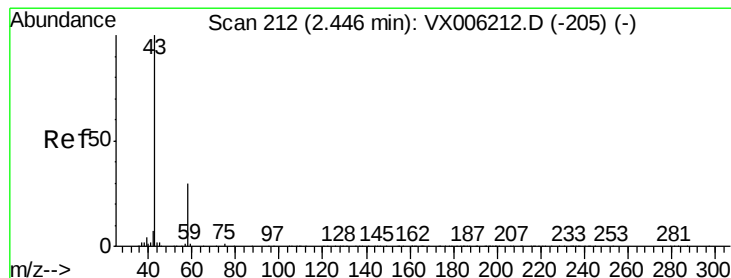
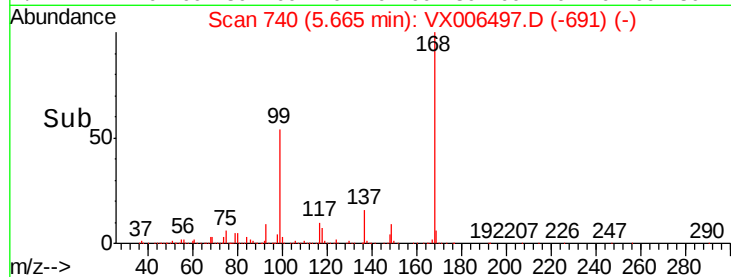
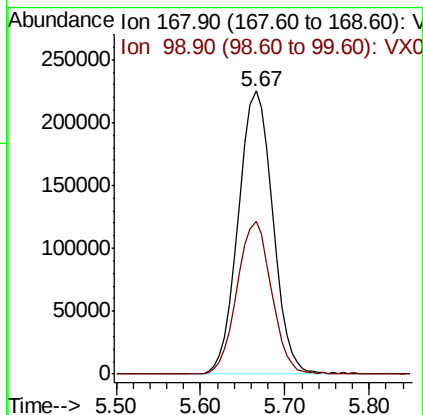
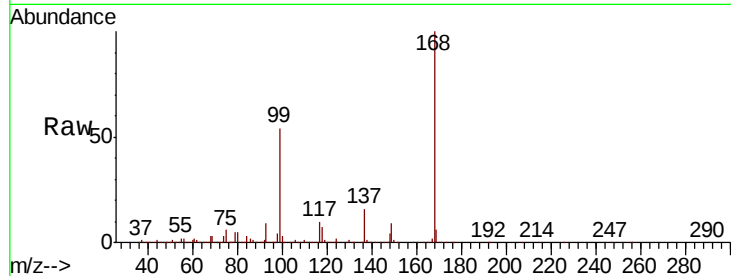


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX006497.D
 Acq: 13 Dec 2018 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 PB115614ZHE#05

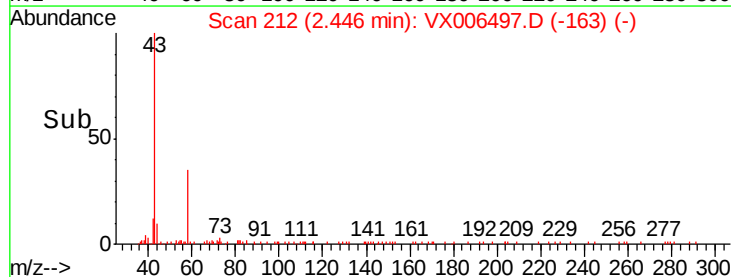
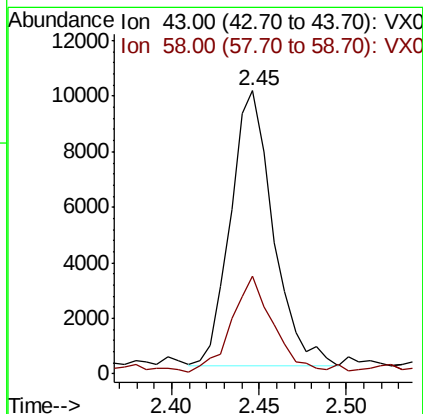
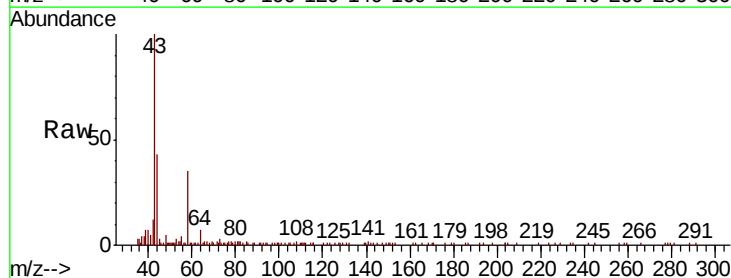
Tot Ion:168 Resp: 624960
 Ion Ratio Lower Upper
 168 100
 99 54.0 37.8 56.8

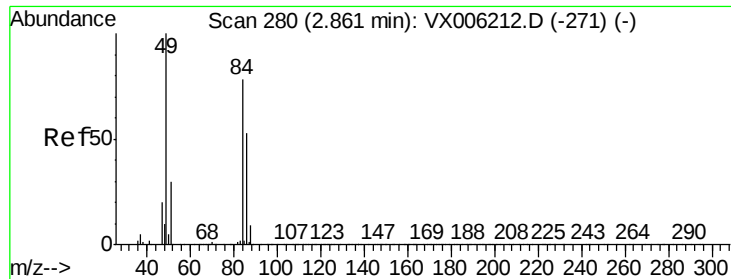


#16

Acetone
 Concen: 5.593 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006497.D
 Acq: 13 Dec 2018 16:11

Tgt Ion: 43 Resp: 16745
 Ion Ratio Lower Upper
 43 100
 58 34.9 24.0 36.0

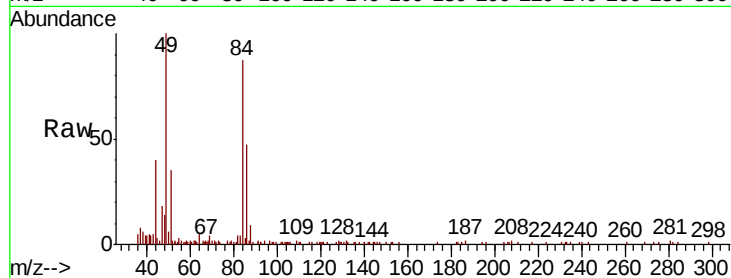




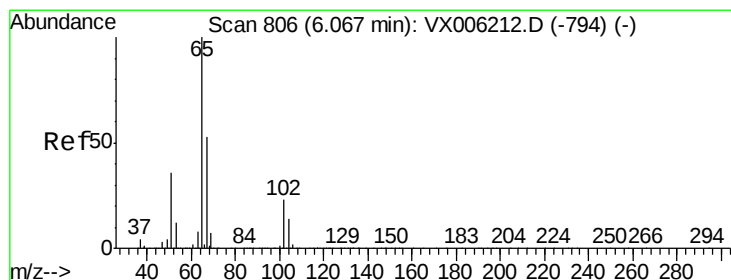
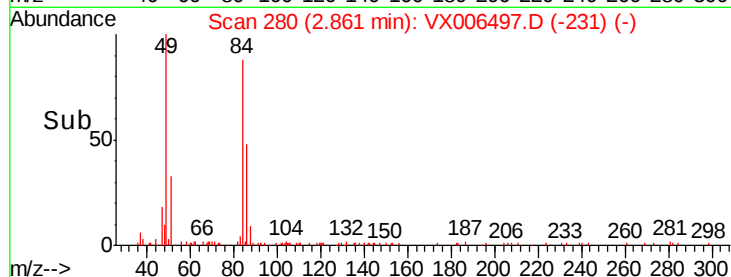
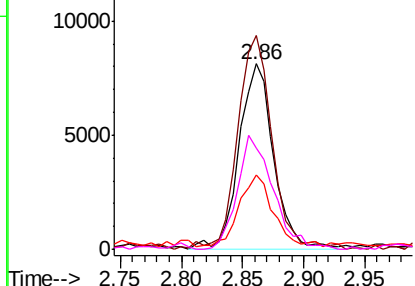
#20
Methvlene Chloride
Concen: 2.488 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006497.D
Acq: 13 Dec 2018 16:11

Instrument :
MSVOA_X
ClientSampleId :
PB115614ZHE#05

Tot Ion: 84 Resp: 15856
Ion Ratio Lower Upper
84 100
49 115.7 102.2 153.4
51 37.9 31.1 46.7
86 55.3 53.7 80.5

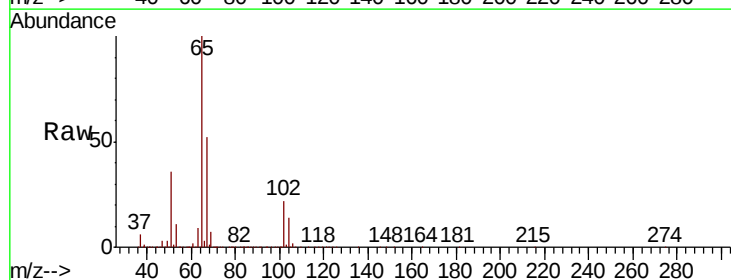


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

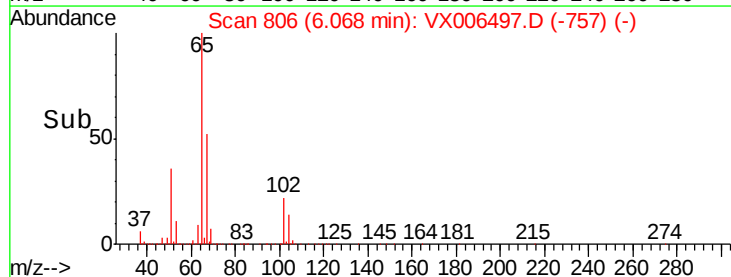
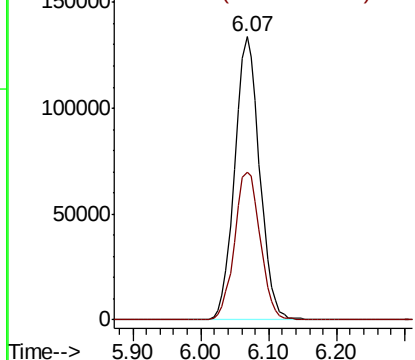


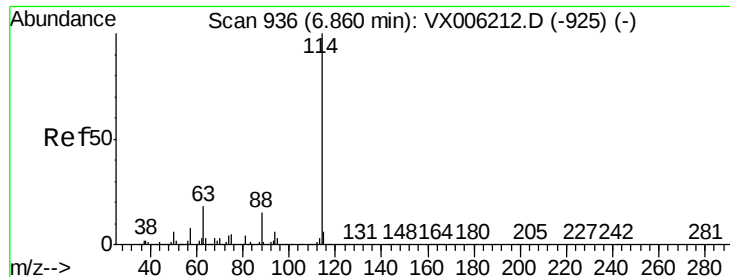
#33
1,2-Dichloroethane-d4
Concen: 53.188 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006497.D
Acq: 13 Dec 2018 16:11

Tgt Ion: 65 Resp: 339333
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006497.D

Acq: 13 Dec 2018 16:11

Instrument :

MSVOA_X

ClientSampleId :

PB115614ZHE#05

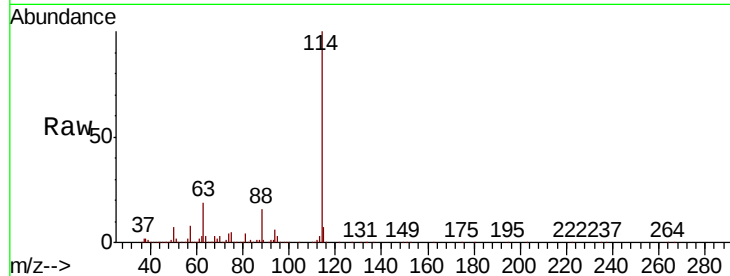
Tot Ion:114 Resp: 1010188

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.6

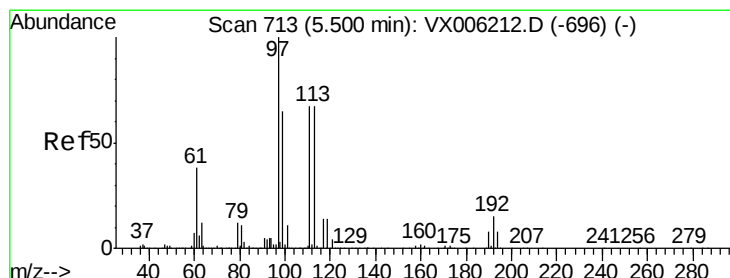
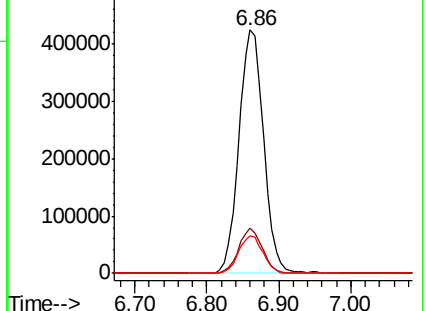
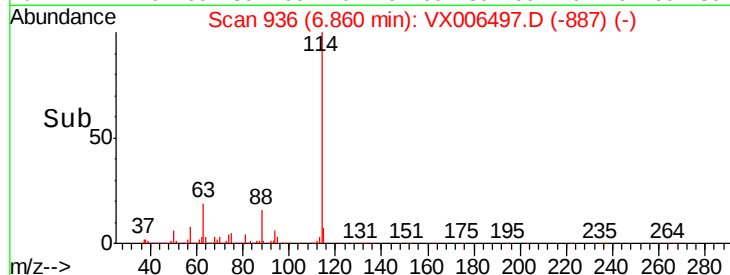
88 15.5 0.0 29.0



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



#35

Dibromofluoromethane

Concen: 45.994 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006497.D

Acq: 13 Dec 2018 16:11

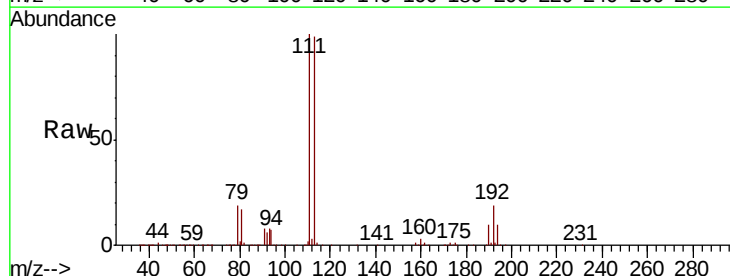
Tgt Ion:113 Resp: 300829

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

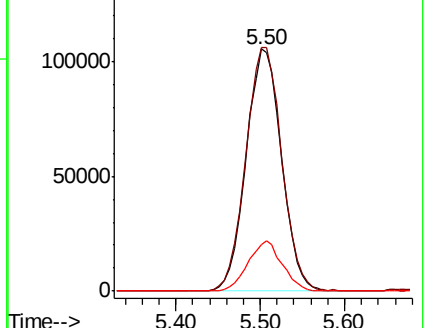
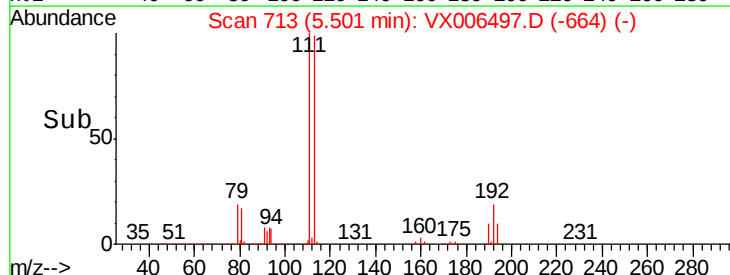
192 20.2 18.2 27.2

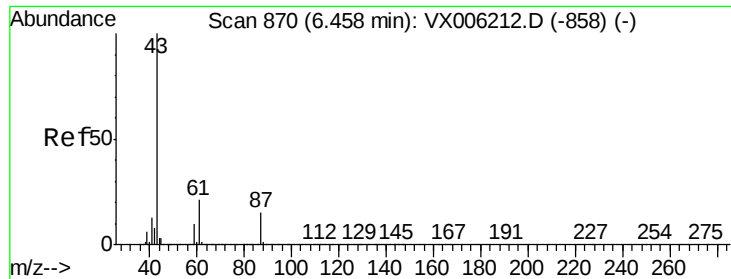


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.122 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006497.D

Acq: 13 Dec 2018 16:11

Instrument :

MSVOA_X

ClientSampleId :

PB115614ZHE#05

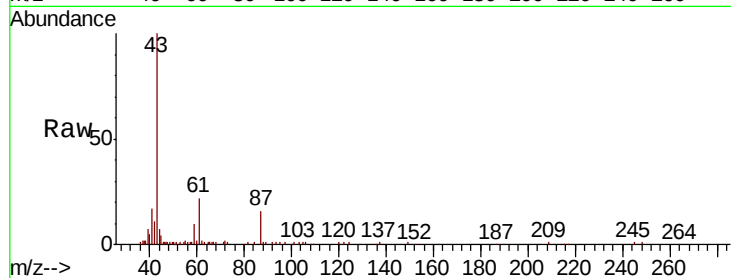
Tot Ion: 43 Resp: 33701

Ion Ratio Lower Upper

43 100

61 24.2 16.8 25.2

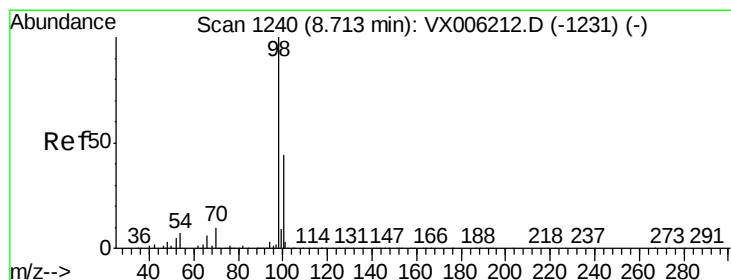
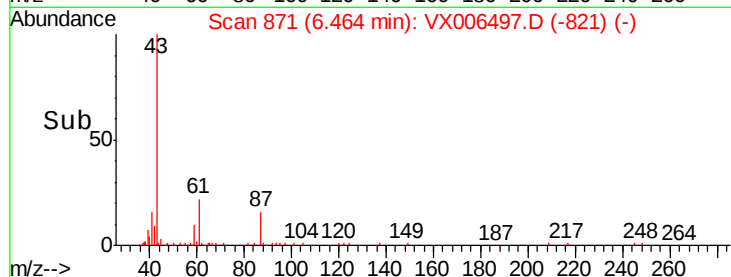
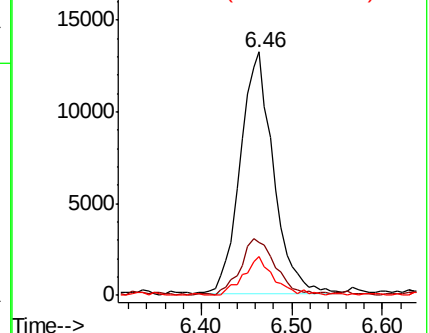
87 14.6 11.9 17.9



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: 50.338 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006497.D

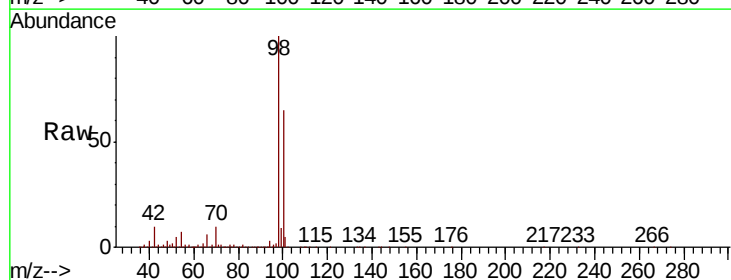
Acq: 13 Dec 2018 16:11

Tgt Ion: 98 Resp: 1197590

Ion Ratio Lower Upper

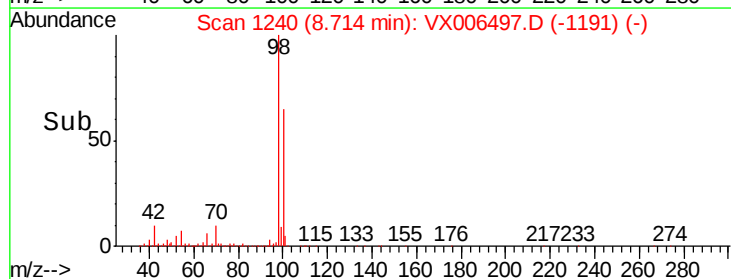
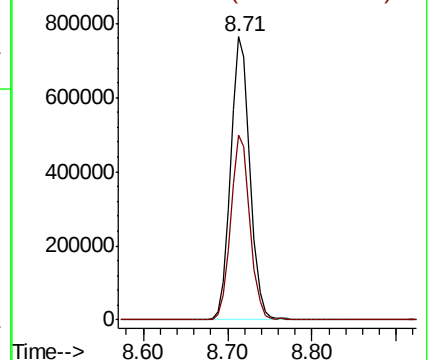
98 100

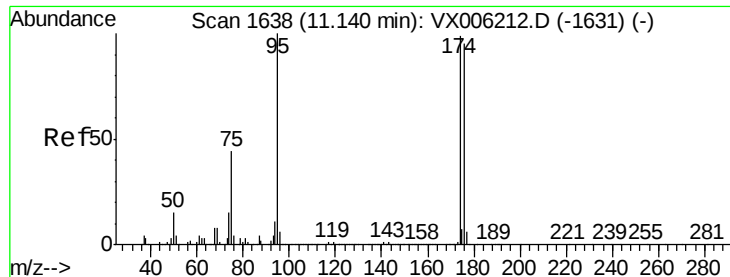
100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.017 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006497.D

Acq: 13 Dec 2018 16:11

Instrument :

MSVOA_X

ClientSampleId :

PB115614ZHE#05

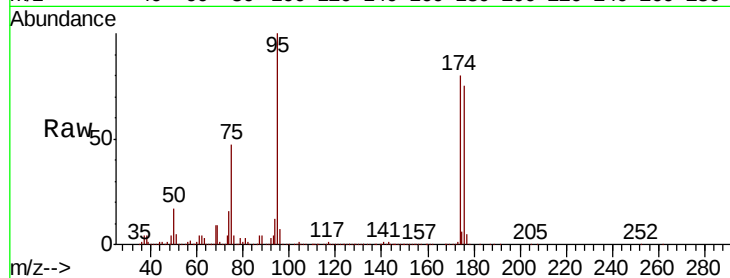
Tot Ion: 95 Resp: 439439

Ion Ratio Lower Upper

95 100

174 85.7 0.0 187.0

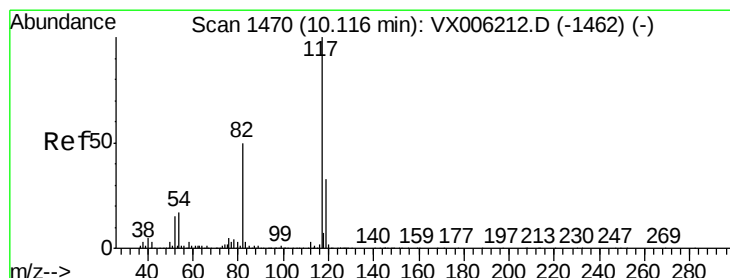
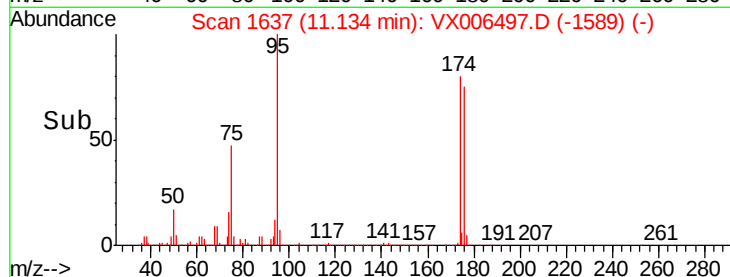
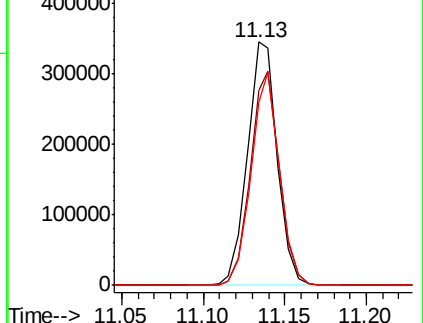
176 83.4 0.0 181.8



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: VX006497.D

Acq: 13 Dec 2018 16:11

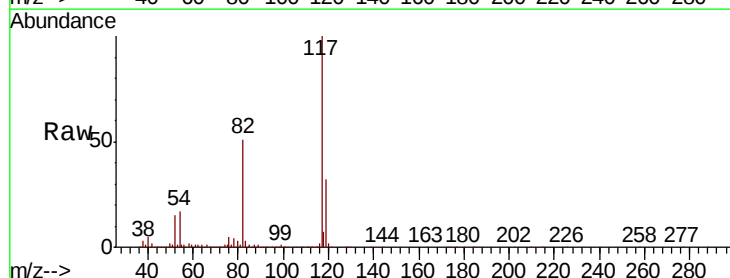
Tgt Ion: 117 Resp: 930684

Ion Ratio Lower Upper

117 100

82 50.5 39.6 59.4

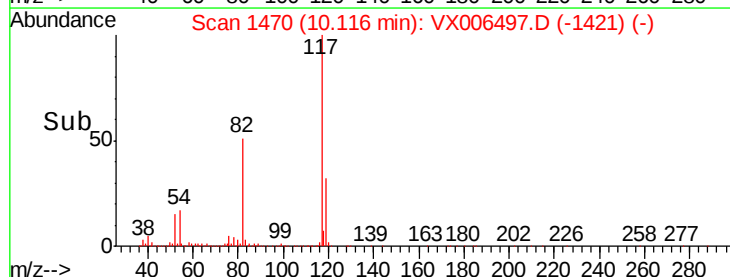
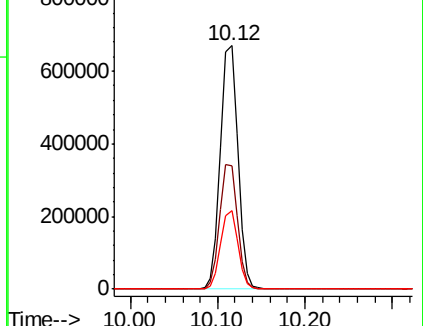
119 32.4 26.3 39.5

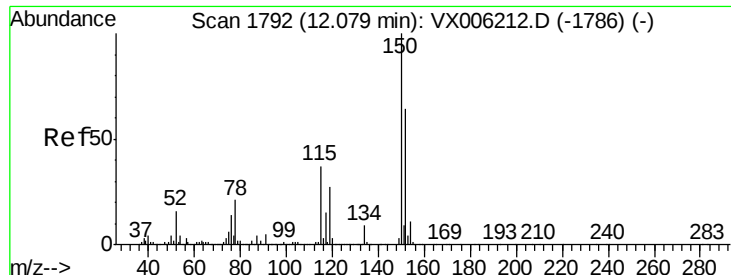


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX006497.D

Acq: 13 Dec 2018 16:11

Instrument :

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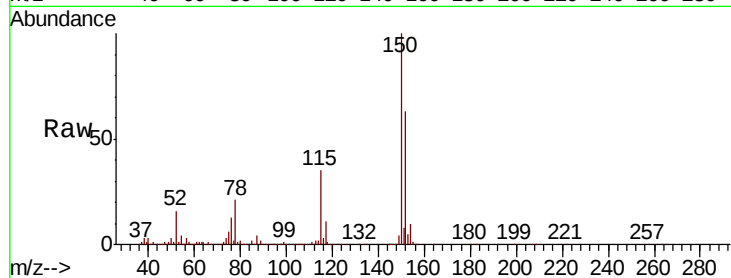
Tot Ion:152 Resp: 440941

Ion Ratio Lower Upper

152 100

115 57.1 39.0 116.9

150 156.4 0.0 345.8



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

