

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004977.D
 Acq On : 03 Oct 2018 18:55
 Operator : JC/MD
 Sample : PB113446ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#03

Quant Time: Oct 04 02:25:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 02:08:49 2018
 Response via : Initial Calibration

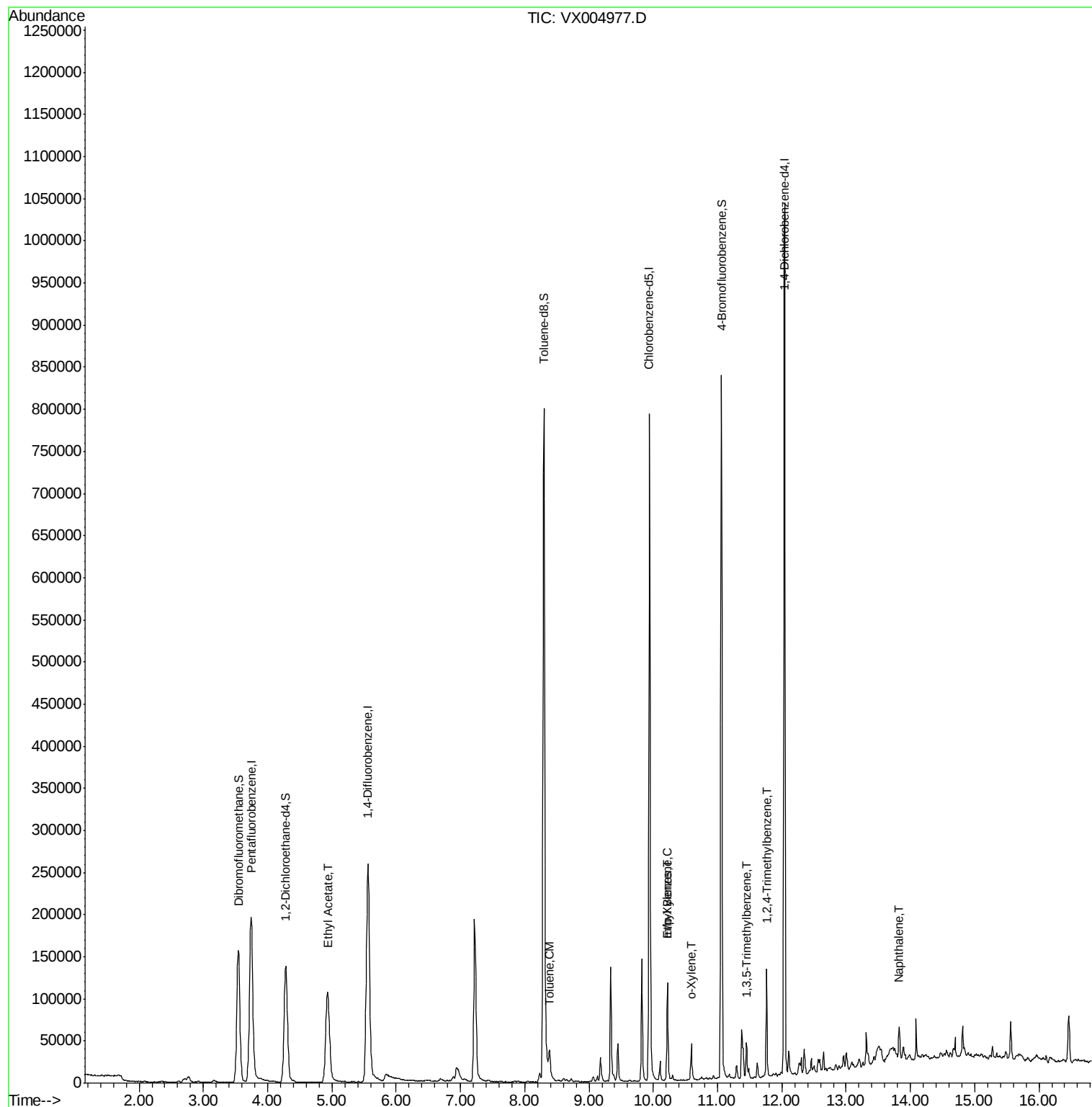
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	3.74	168	269843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.56	114	425329	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.94	117	412114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.04	152	234779	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.28	65	182674	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
35) Dibromofluoromethane	3.54	113	162013	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
50) Toluene-d8	8.30	98	609122	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.06	95	227567	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
Target Compounds						
37) Ethyl Acetate	4.93	43	248824	38.114	ug/l #	77
52) Toluene	8.38	92	11539	1.364	ug/l	93
67) Ethyl Benzene	10.22	91	60187	3.587	ug/l #	74
68) m/p-Xylenes	10.22	106	30030	4.580	ug/l	98
69) o-Xylene	10.59	106	10328	1.715	ug/l	98
80) 1,3,5-Trimethylbenzene	11.45	105	17368	1.087	ug/l	96
84) 1,2,4-Trimethylbenzene	11.76	105	55873	3.812	ug/l	99
95) Naphthalene	13.83	128	23127	1.887	ug/l	96

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

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Quant Time: Oct 04 02:25:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 04 02:08:49 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 3.74 min Scan# 425

Delta R.T. 0.00 min

Lab File: VX004977.D

Acq: 03 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

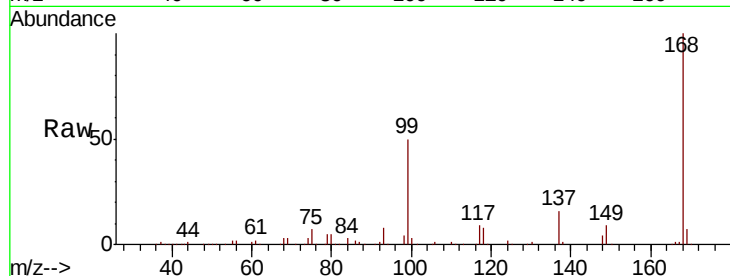
PB113446ZHE#03

Tot Ion:168 Resp: 269843

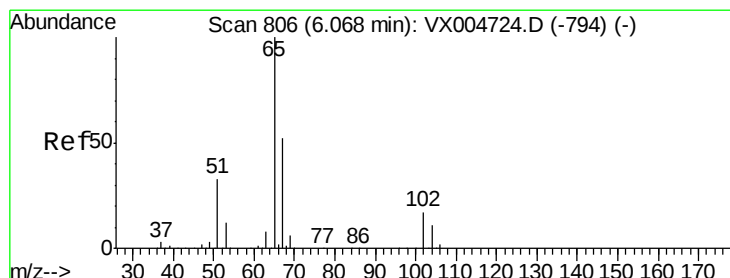
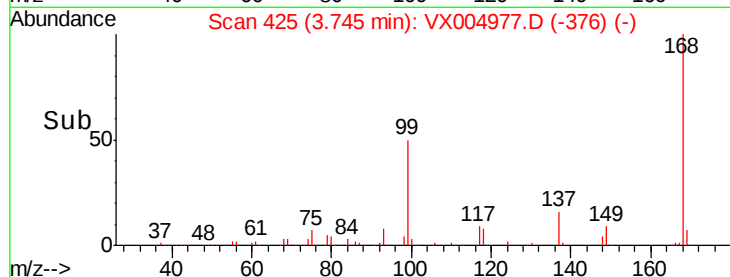
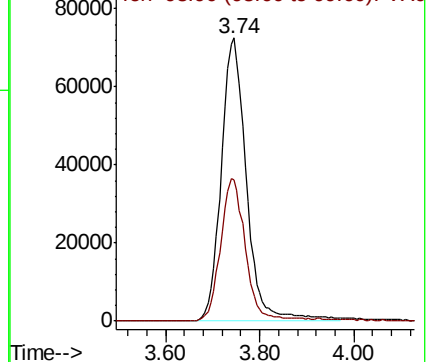
Ion Ratio Lower Upper

168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): VX004977.D (-376) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.390 ug/l

RT: 4.28 min Scan# 513

Delta R.T. 0.00 min

Lab File: VX004977.D

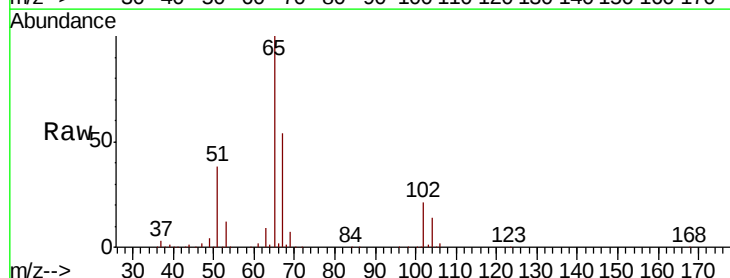
Acq: 03 Oct 2018 18:55

Tgt Ion: 65 Resp: 182674

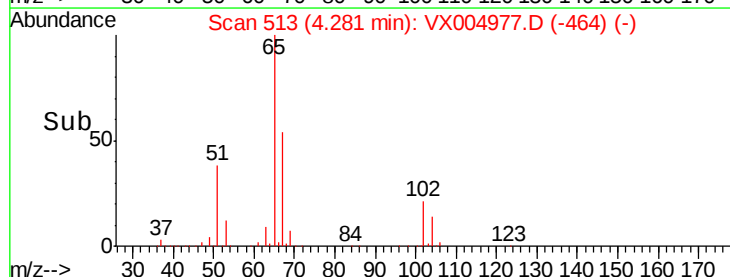
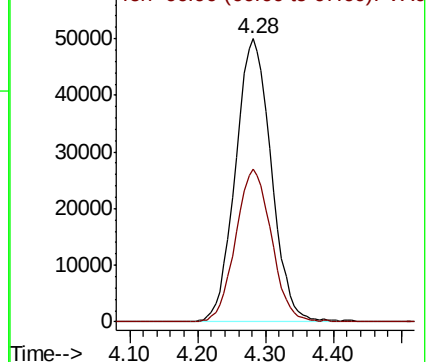
Ion Ratio Lower Upper

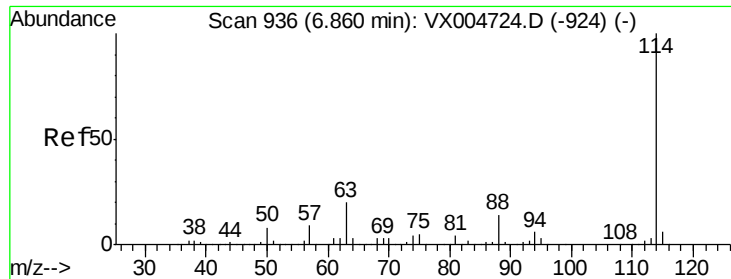
65 100

67 54.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX004977.D (-464) (-)

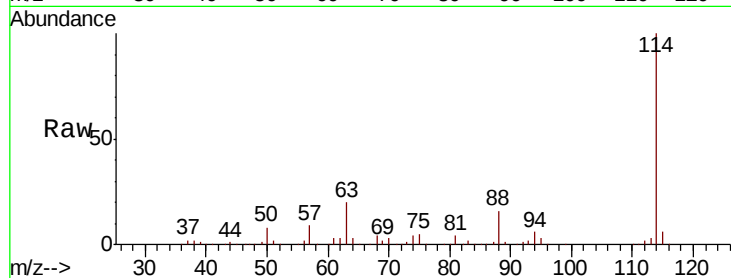




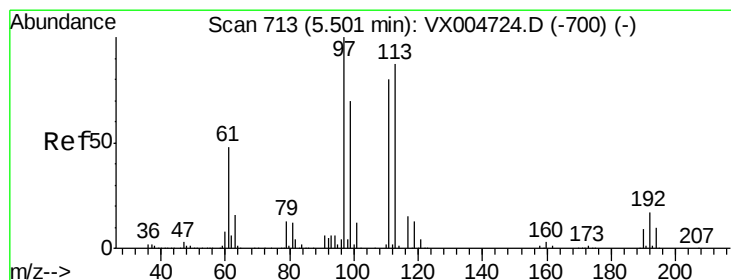
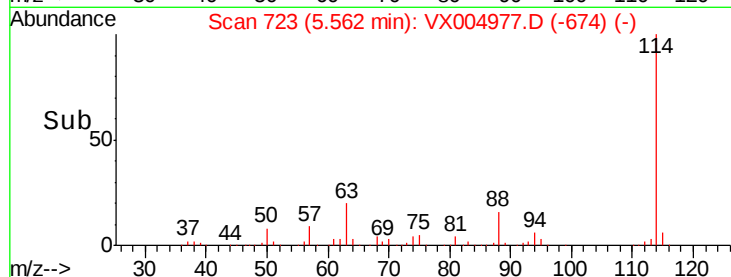
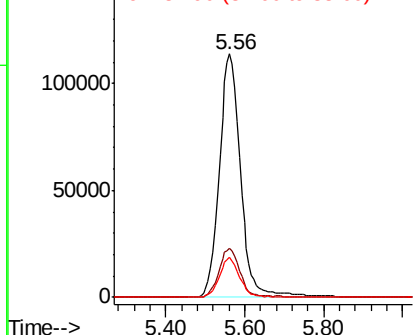
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.56 min Scan# 723
Delta R.T. 0.00 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#03

Tot Ion:114 Resp: 425329
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.8
88 16.5 0.0 27.0

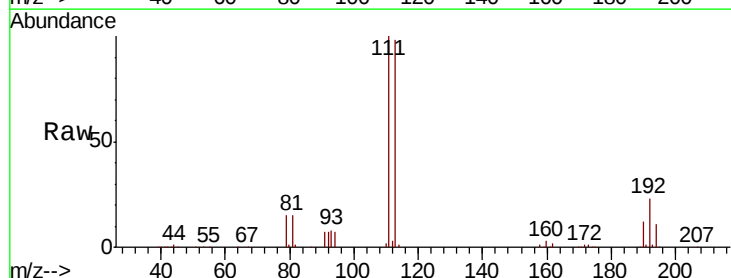


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

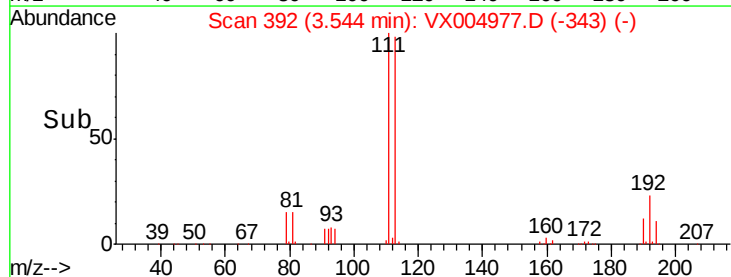
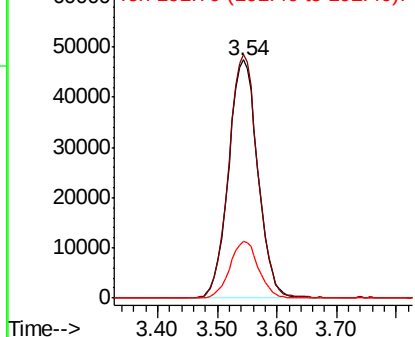


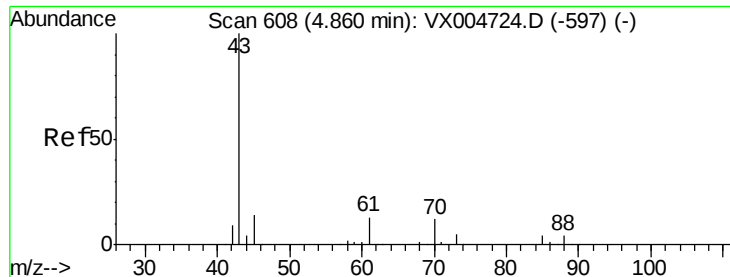
#35
Dibromofluoromethane
Concen: 44.945 ug/l
RT: 3.54 min Scan# 392
Delta R.T. 0.00 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

Tgt Ion:113 Resp: 162013
Ion Ratio Lower Upper
113 100
111 101.2 77.0 115.4
192 23.2 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

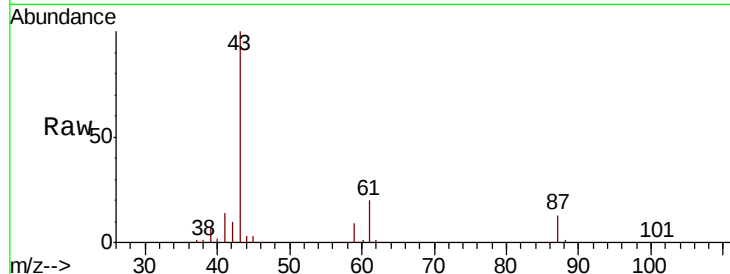




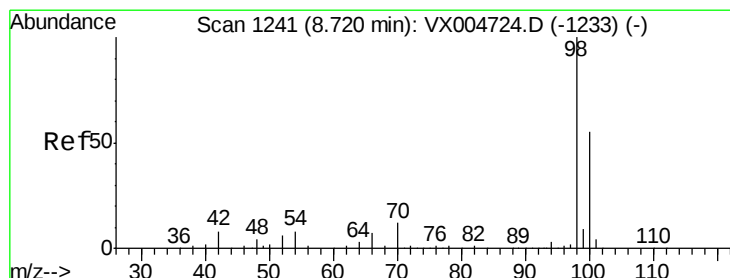
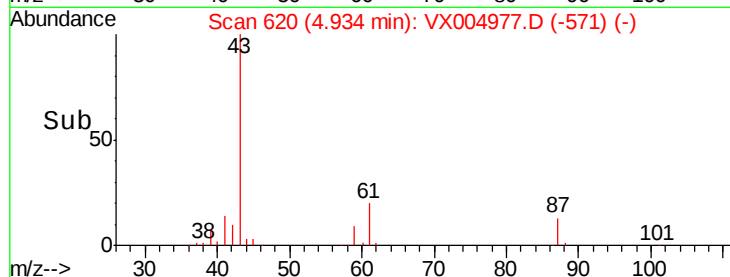
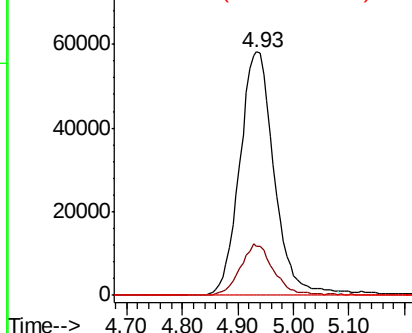
#37
Ethyl Acetate
Concen: 38.114 ug/l
RT: 4.93 min Scan# 620
Delta R.T. 0.00 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#03

Tot Ion: 43 Resp: 248824
Ion Ratio Lower Upper
43 100
61 20.1 10.4 15.6#
70 0.0 8.7 13.1#

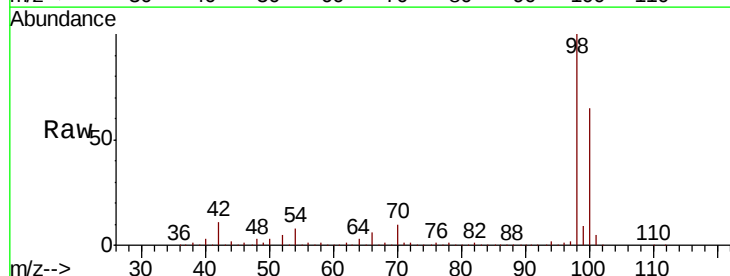


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

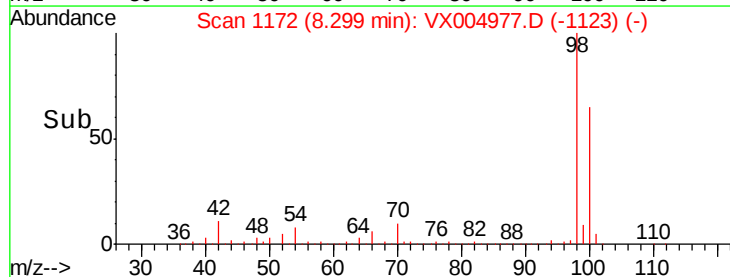
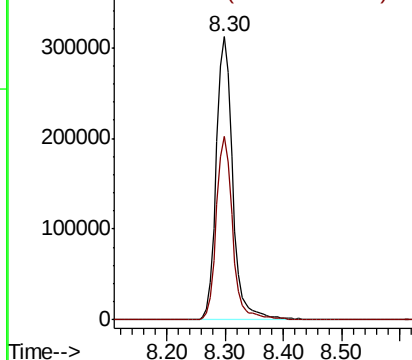


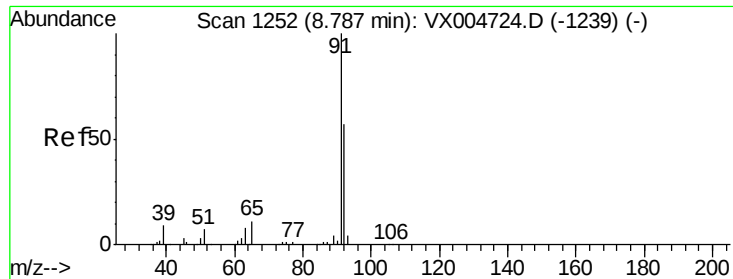
#50
Toluene-d8
Concen: 50.829 ug/l
RT: 8.30 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

Tgt Ion: 98 Resp: 609122
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.364 ug/l

RT: 8.38 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VX004977.D

Acq: 03 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

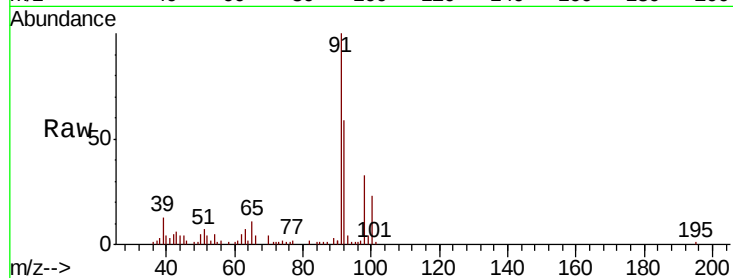
PB113446ZHE#03

Tot Ion: 92 Resp: 11539

Ion Ratio Lower Upper

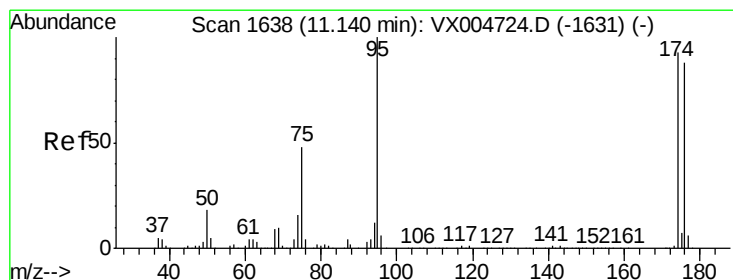
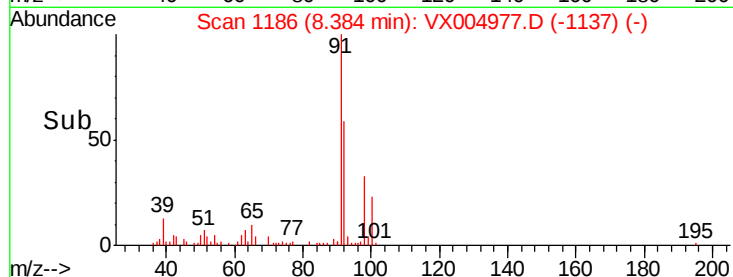
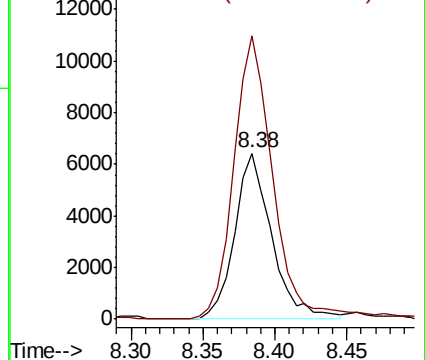
92 100

91 180.2 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 52.711 ug/l

RT: 11.06 min Scan# 1625

Delta R.T. 0.00 min

Lab File: VX004977.D

Acq: 03 Oct 2018 18:55

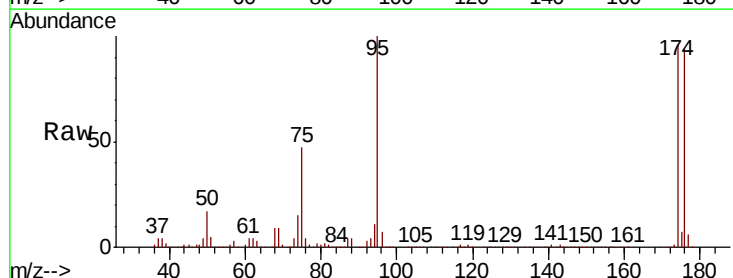
Tgt Ion: 95 Resp: 227567

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.0

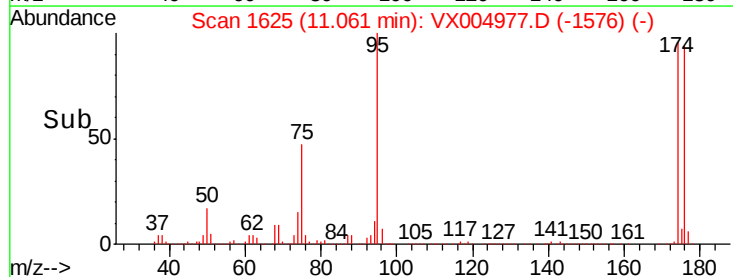
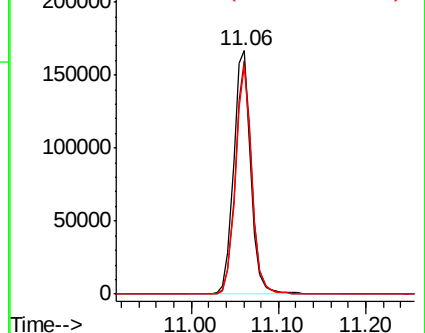
176 89.3 0.0 180.2

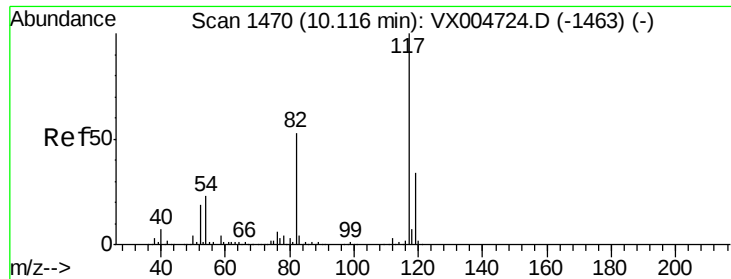


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

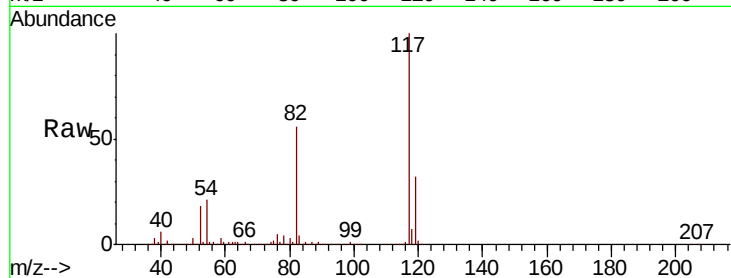




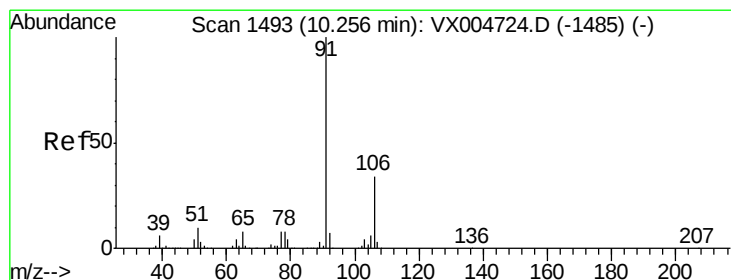
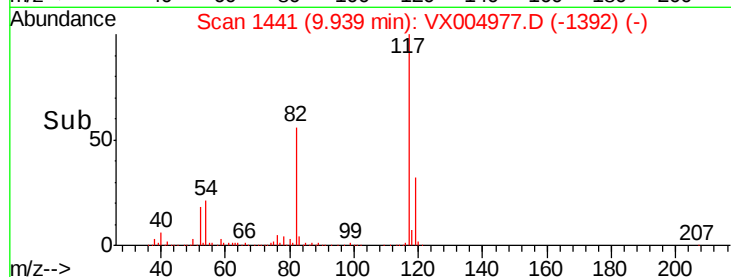
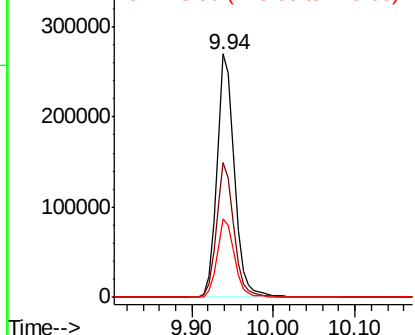
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.94 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#03

Tot Ion:117 Resp: 412114
Ion Ratio Lower Upper
117 100
82 55.5 42.2 63.4
119 32.2 27.4 41.0

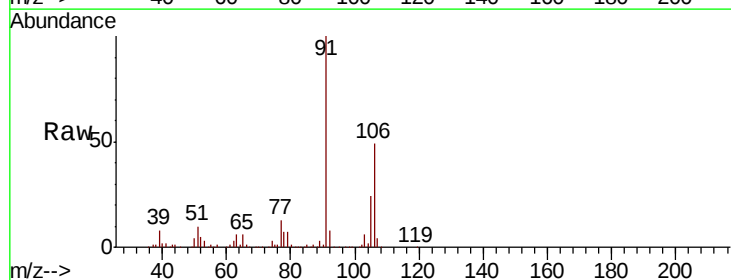


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

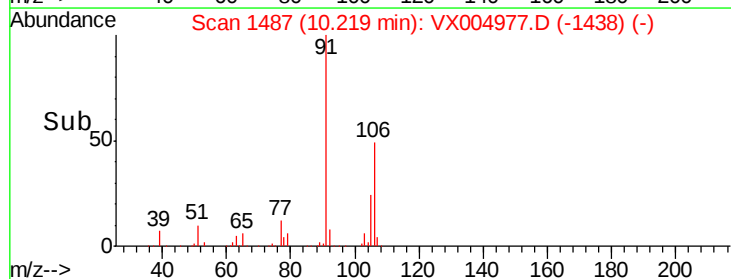
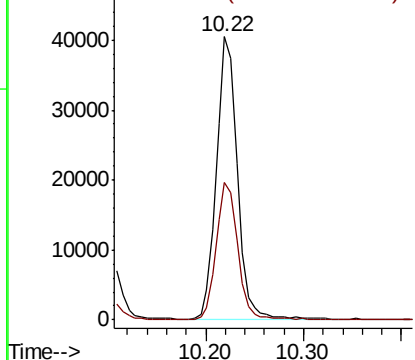


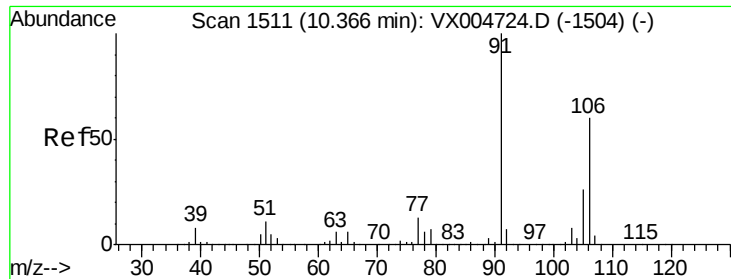
#67
Ethyl Benzene
Concen: 3.587 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

Tgt Ion: 91 Resp: 60187
Ion Ratio Lower Upper
91 100
106 48.7 26.9 40.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

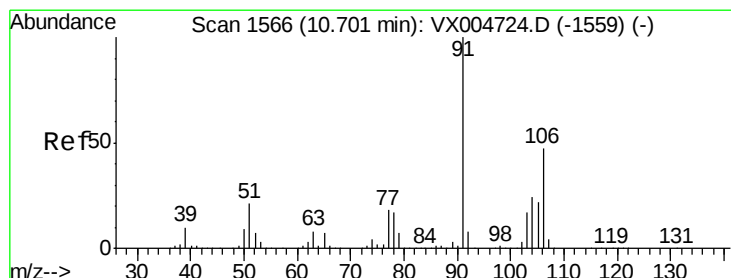
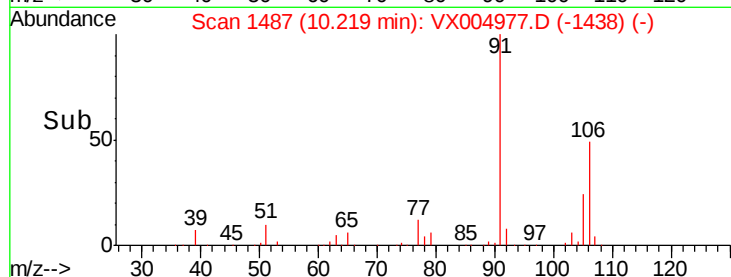
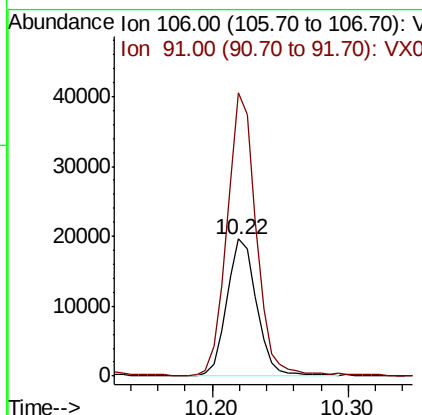
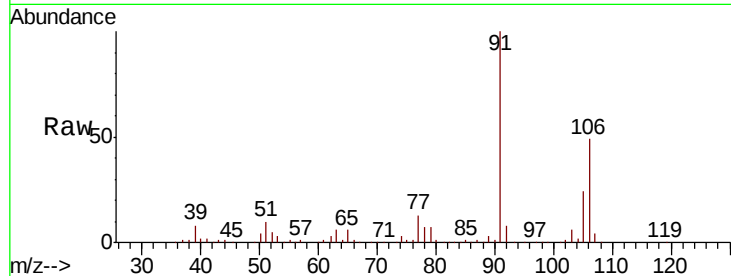




#68
m/p-Xylenes
Concen: 4.580 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

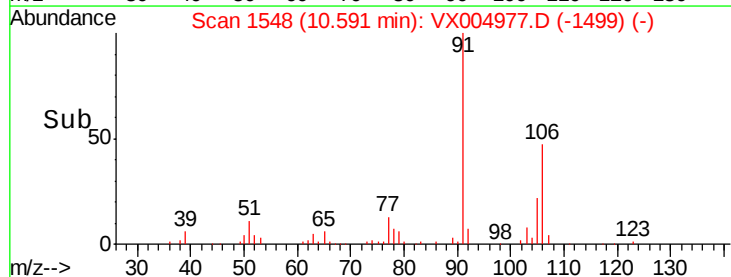
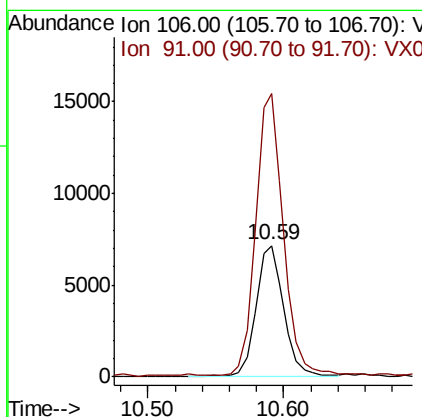
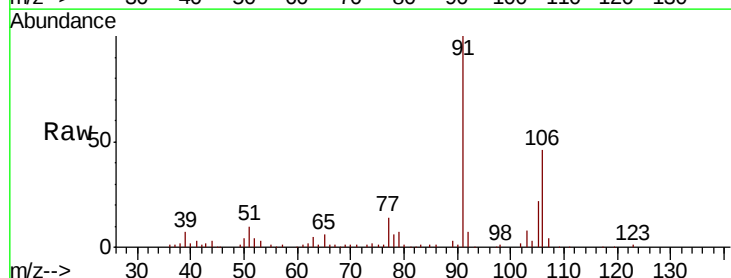
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#03

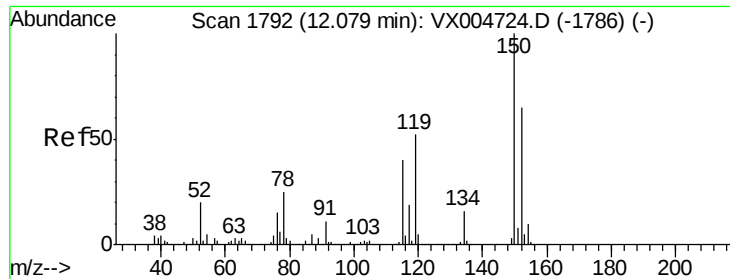
Tot Ion:106 Resp: 30030
Ion Ratio Lower Upper
106 100
91 200.4 157.5 236.3



#69
o-Xylene
Concen: 1.715 ug/l
RT: 10.59 min Scan# 1548
Delta R.T. 0.00 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

Tgt Ion:106 Resp: 10328
Ion Ratio Lower Upper
106 100
91 213.4 108.3 324.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.04 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VX004977.D

Acq: 03 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#03

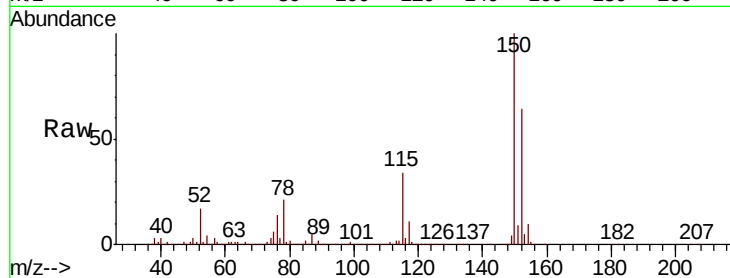
Tot Ion:152 Resp: 234779

Ion Ratio Lower Upper

152 100

115 55.3 40.2 120.6

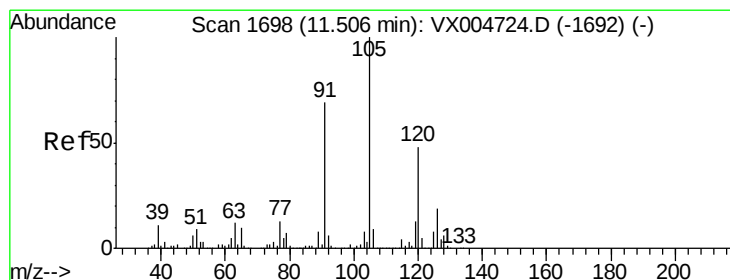
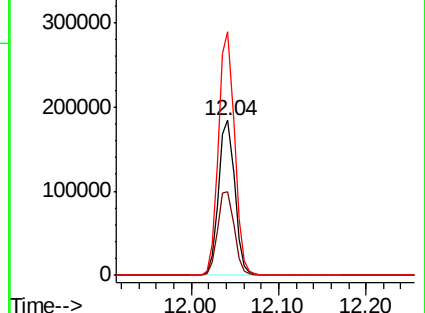
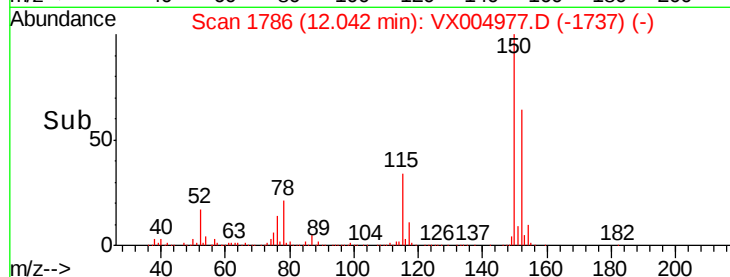
150 155.7 0.0 351.0



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



#80

1,3,5-Trimethylbenzene

Concen: 1.087 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VX004977.D

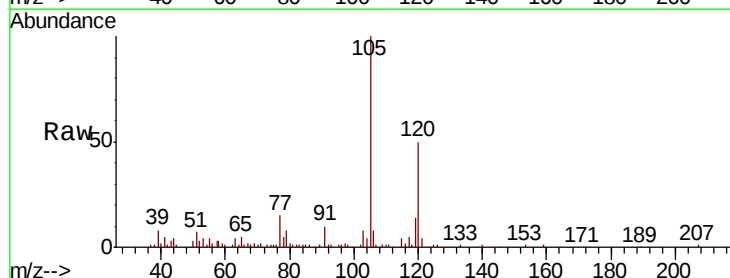
Acq: 03 Oct 2018 18:55

Tgt Ion:105 Resp: 17368

Ion Ratio Lower Upper

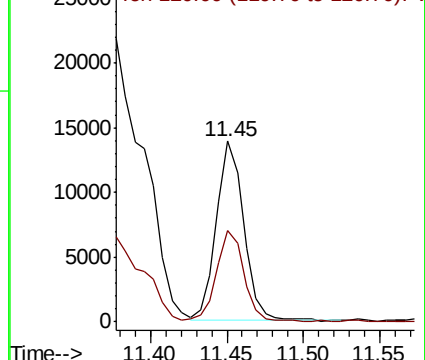
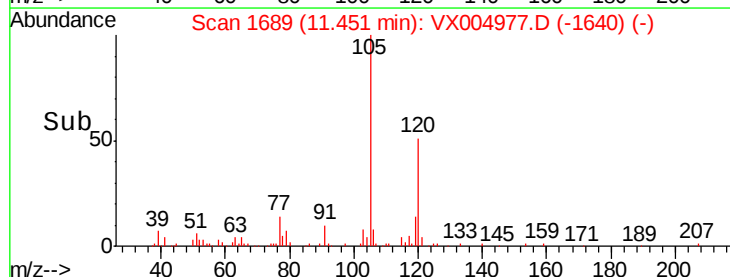
105 100

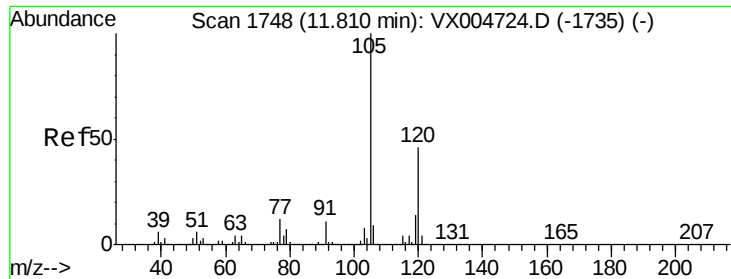
120 51.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

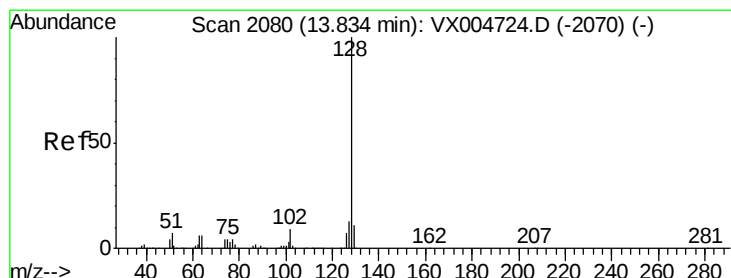
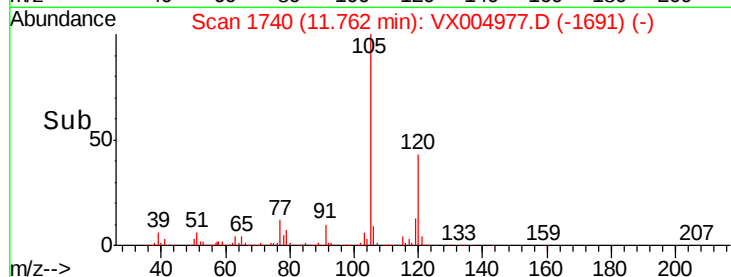
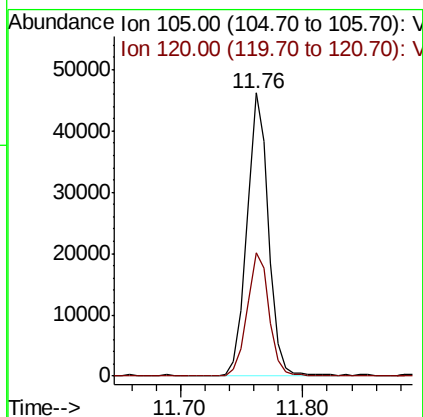
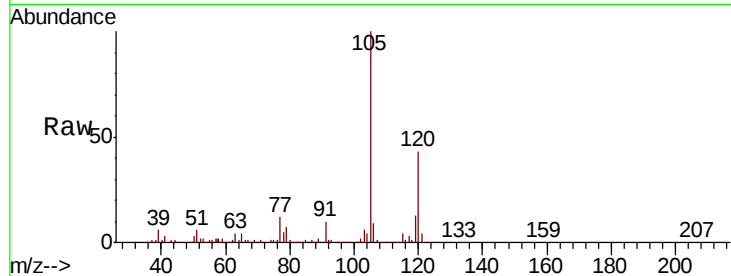




#84
 1,2,4-Trimethylbenzene
 Concen: 3.812 ug/l
 RT: 11.76 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX004977.D
 Acq: 03 Oct 2018 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#03

Tot Ion:105 Resp: 55873
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.8 68.3



#95
 Naphthalene
 Concen: 1.887 ug/l
 RT: 13.83 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX004977.D
 Acq: 03 Oct 2018 18:55

Tgt Ion:128 Resp: 23127
 Ion Ratio Lower Upper
 128 100
 127 14.6 10.4 15.6
 129 12.1 8.7 13.1

