

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 01:25:47 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	0.00	168	0	0.00	ug/l	-5.66
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-6.86
63) Chlorobenzene-d5	9.94	117	412114	50.00	ug/l	-0.18
72) 1,4-Dichlorobenzene-d4	12.04	152	234779	50.00	ug/l	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.13	65	20	0.00	ug/l	0.07
Spiked Amount			Recovery	=	0.00%	
35) Dibromofluoromethane	5.56	113	12500	0.00	ug/l	0.05
Spiked Amount			Recovery	=	0.00%	
50) Toluene-d8	8.74	98	56	0.00	ug/l	0.02
Spiked Amount			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.06	95	227567	0.00	ug/l	-0.08
Spiked Amount			Recovery	=	0.00%	

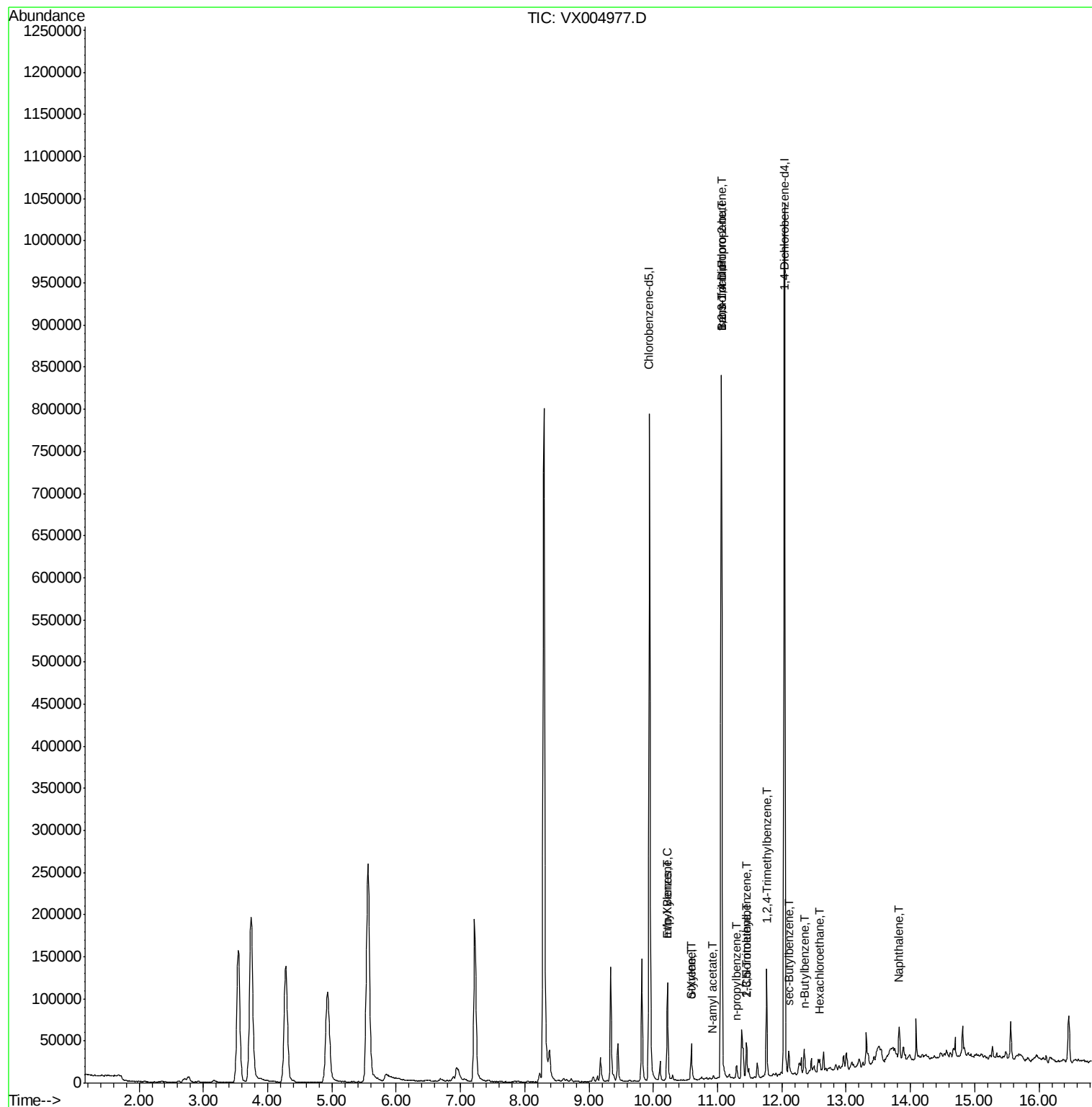
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.22	91	60187	3.587	ug/l #	74
68) m/p-Xylenes	10.22	106	30030	4.580	ug/l	98
69) o-Xylene	10.59	106	10328	1.715	ug/l	98
70) Styrene	10.60	104	1022	2.227	ug/l #	1
71) Bromoform	11.06	173	2135	0.671	ug/l #	1
74) N-amyl acetate	10.91	43	211	1.773	ug/l #	19
76) 1,2,3-Trichloropropane	11.05	75	109513	20.811	ug/l #	35
78) n-propylbenzene	11.30	91	9383	0.553	ug/l	97
79) 2-Chlorotoluene	11.45	91	2377	0.225	ug/l #	47
80) 1,3,5-Trimethylbenzene	11.45	105	17368	1.087	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.05	75	109516	56.492	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.76	105	55873	3.812	ug/l	99
85) sec-Butylbenzene	12.11	105	11766	0.793	ug/l #	56
89) n-Butylbenzene	12.36	91	4966	0.407	ug/l #	35
90) Hexachloroethane	12.59	117	589	0.263	ug/l #	1
95) Naphthalene	13.83	128	23127	1.887	ug/l	96

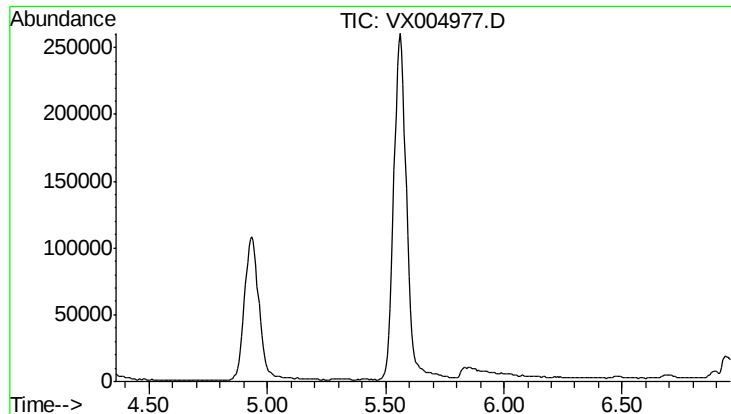
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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 01:25:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 5.66 min

Lab File: VX004977.D

Acq: 03 Oct 2018 18:55

Tot Ion: 168

Sig Exp Ratio

168 100

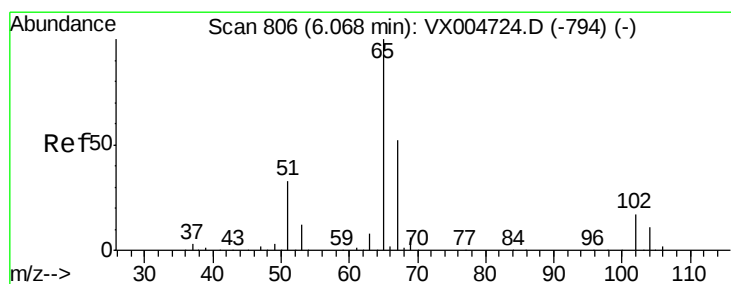
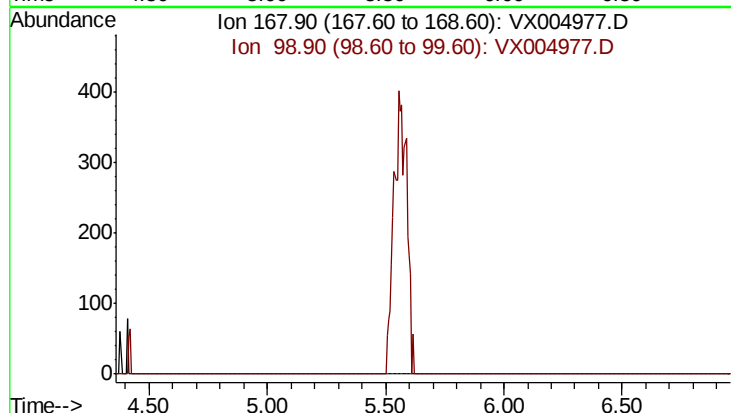
99 49.1

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#03



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 6.13 min Scan# 817

Delta R.T. 0.07 min

Lab File: VX004977.D

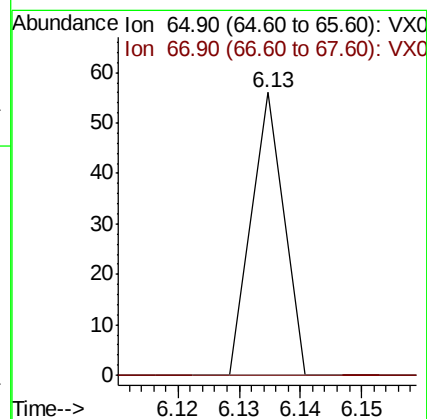
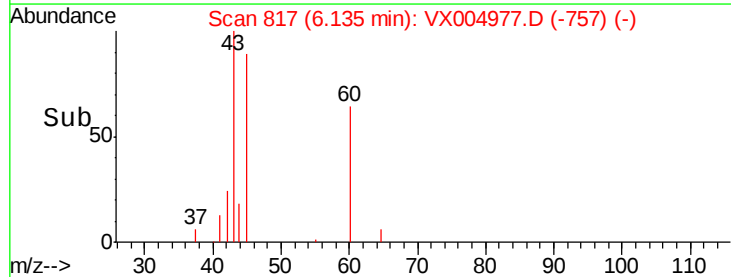
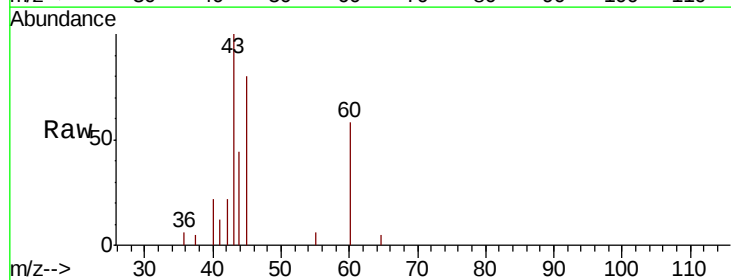
Acq: 03 Oct 2018 18:55

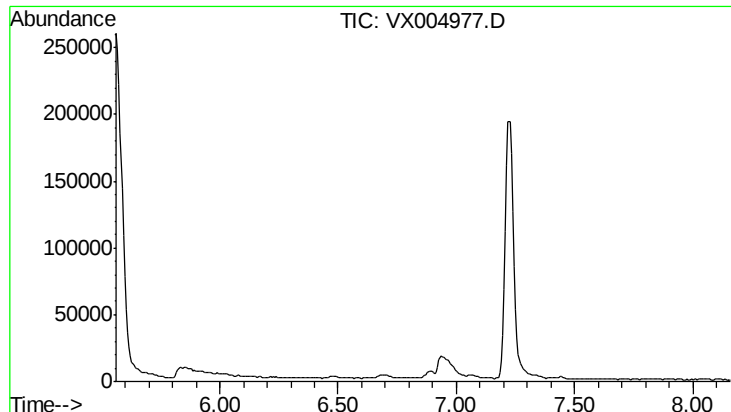
Tgt Ion: 65 Resp: 20

Ion Ratio Lower Upper

65 100

67 0.0 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 0.000 ug/l

Expected RT: 6.86 min

Lab File: VX004977.D

Acq: 03 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#03

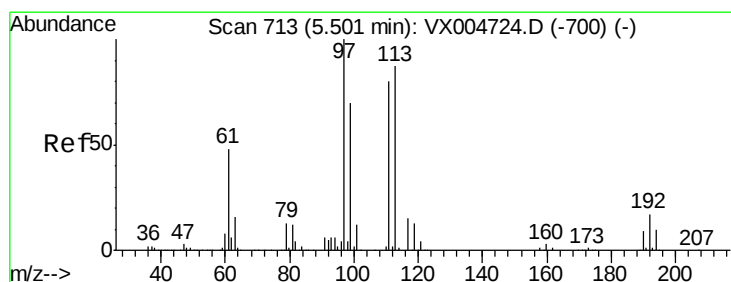
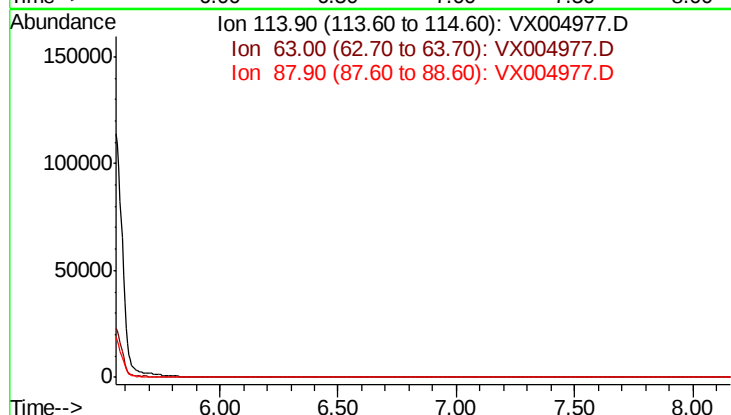
Tot Ion: 114

Sig Exp Ratio

114 100

63 19.9

88 13.5



#35

Dibromofluoromethane

Concen: 0.000 ug/l

RT: 5.56 min Scan# 722

Delta R.T. 0.05 min

Lab File: VX004977.D

Acq: 03 Oct 2018 18:55

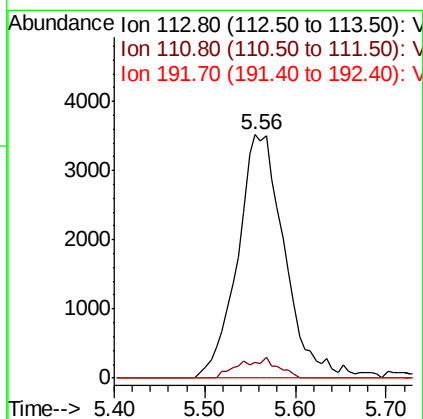
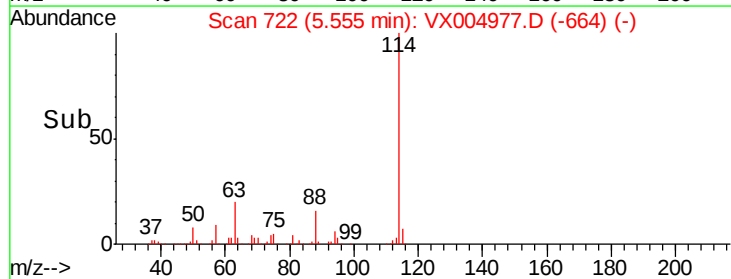
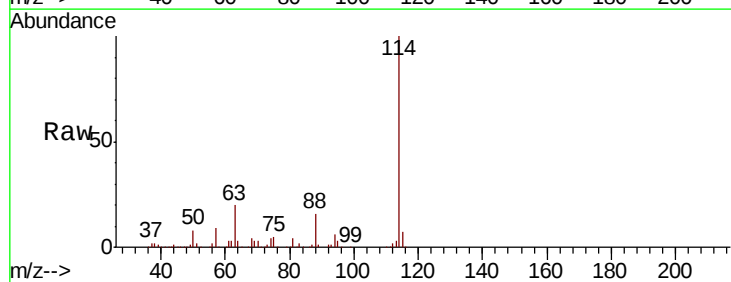
Tgt Ion:113 Resp: 12500

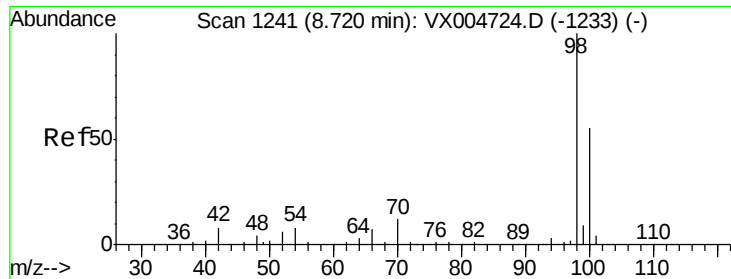
Ion Ratio Lower Upper

113 100

111 2.8 77.0 115.4#

192 0.0 17.0 25.6#





#50

Toluene-d8

Concen: 0.000 ug/l

RT: 8.74 min Scan# 1244

Delta R.T. 0.02 min

Lab File: VX004977.D

Acq: 03 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

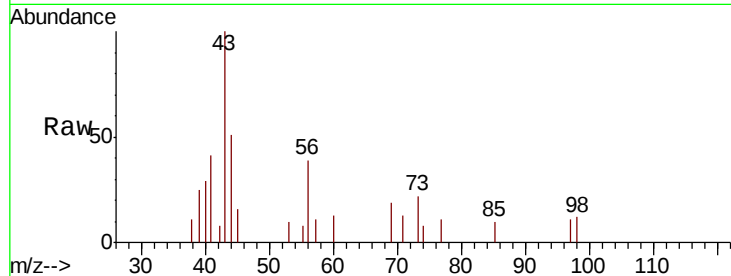
PB113446ZHE#03

Tot Ion: 98 Resp: 56

Ion Ratio Lower Upper

98 100

100 0.0 51.9 77.9#

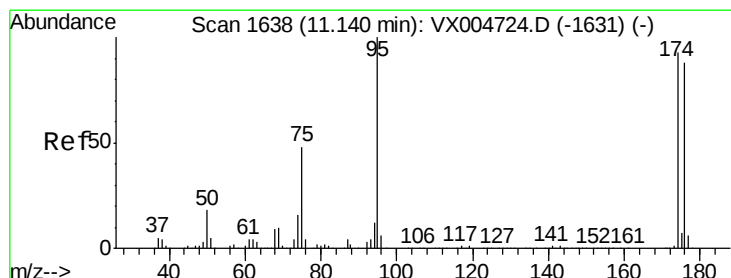
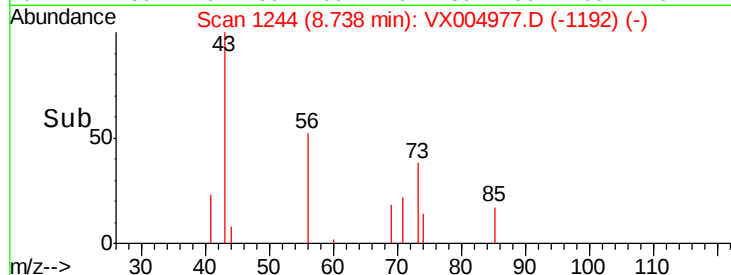


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.74

Time-->



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

RT: 11.06 min Scan# 1625

Delta R.T. -0.08 min

Lab File: VX004977.D

Acq: 03 Oct 2018 18:55

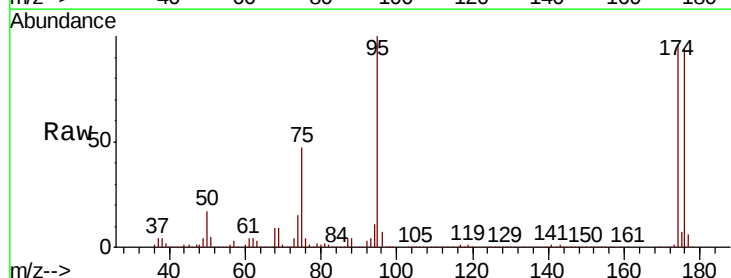
Tgt Ion: 95 Resp: 227567

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.0

176 89.3 0.0 180.2



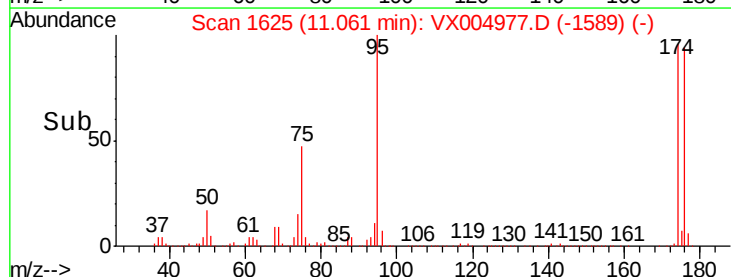
Abundance Ion 94.90 (94.60 to 95.60): VX0

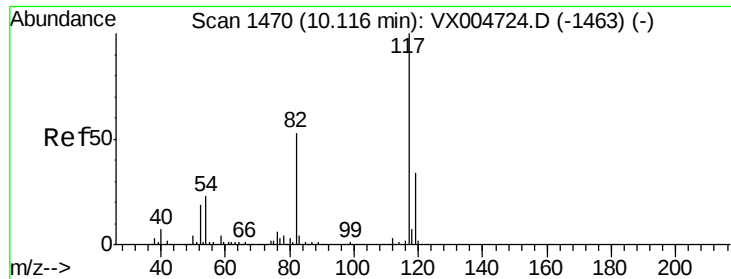
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.06

Time-->

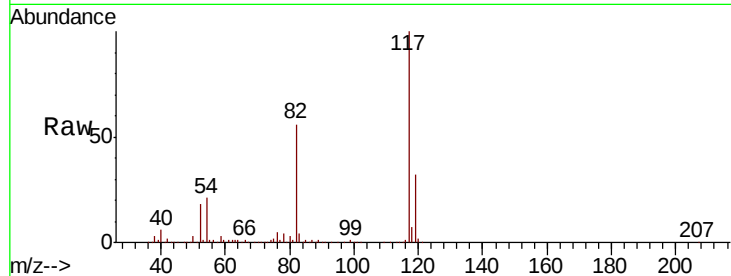




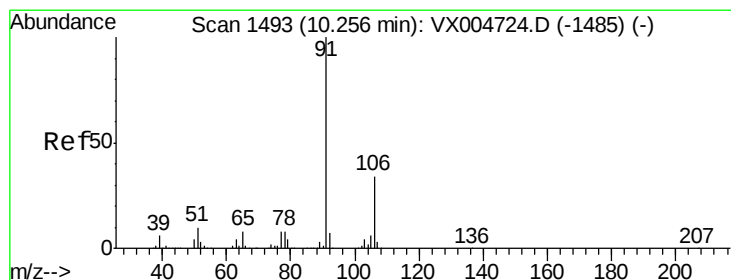
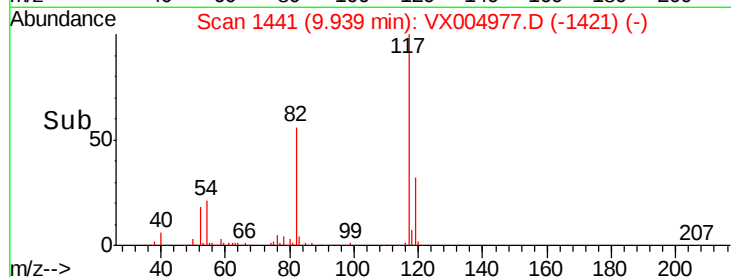
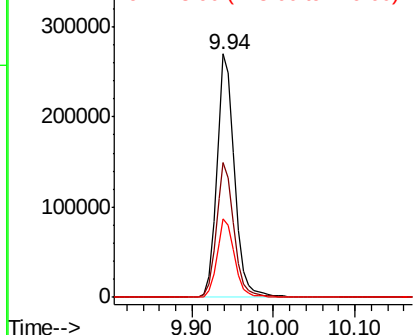
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.94 min Scan# 1441
Delta R.T. -0.18 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

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

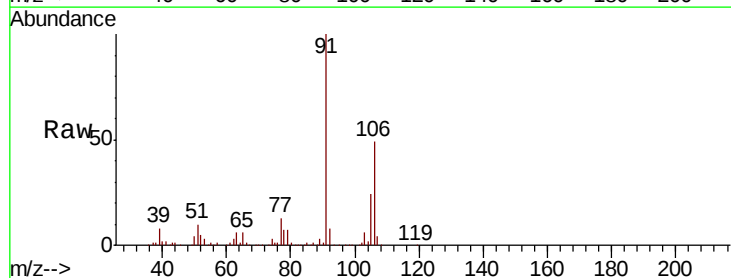


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

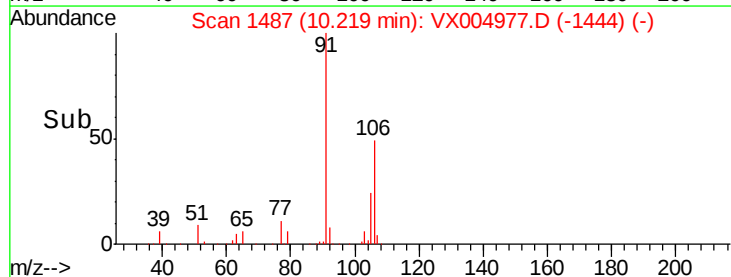
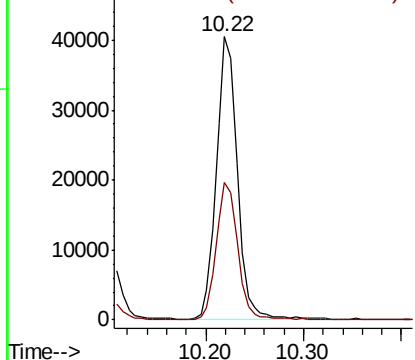


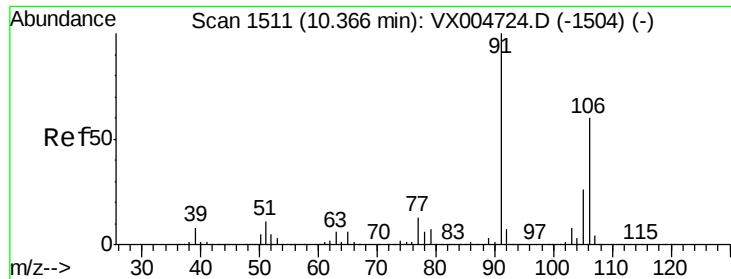
#67
Ethyl Benzene
Concen: 3.587 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.04 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

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

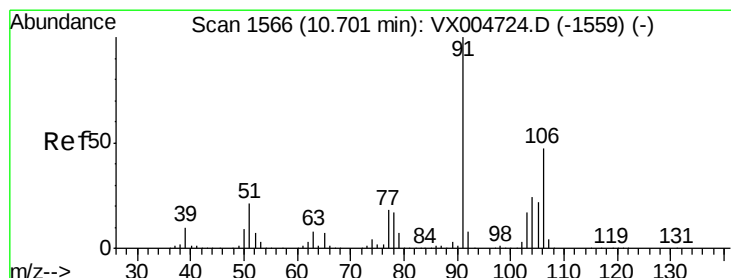
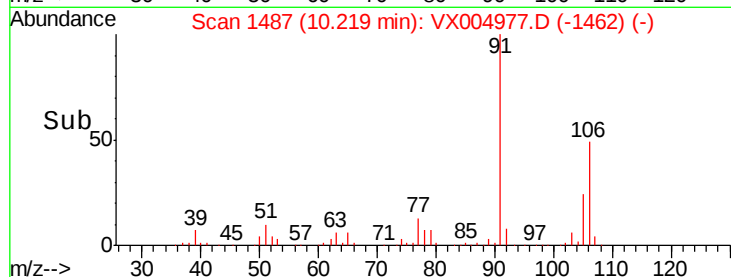
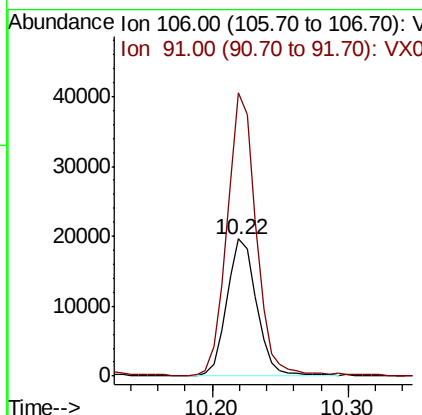
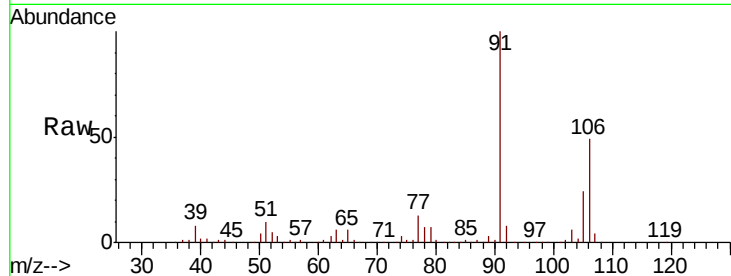




#68
m/p-Xvlenes
Concen: 4.580 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.15 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

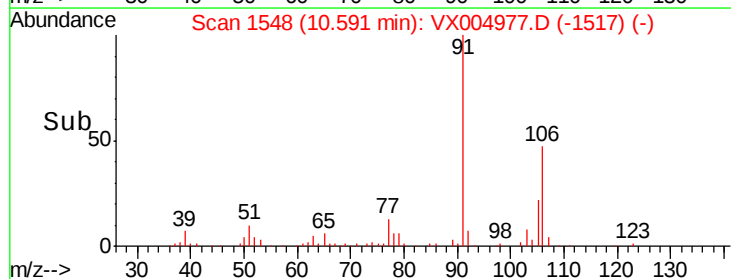
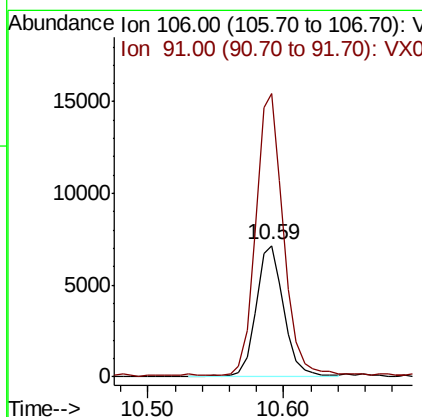
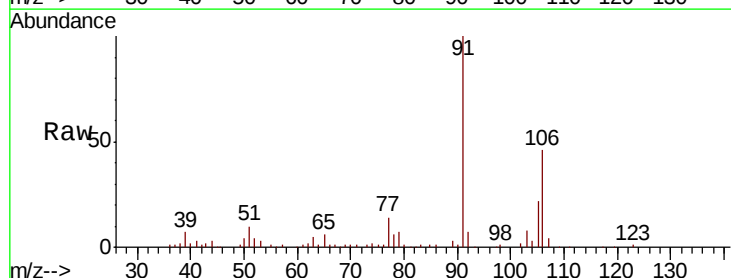
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#03

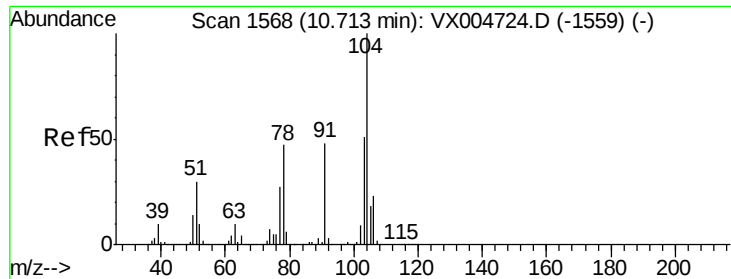
Tot Ion:106 Resp: 30030
Ion Ratio Lower Upper
106 100
91 199.8 157.5 236.3



#69
o-Xylene
Concen: 1.715 ug/l
RT: 10.59 min Scan# 1548
Delta R.T. -0.11 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

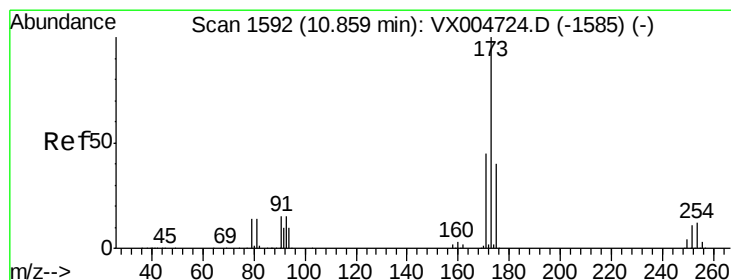
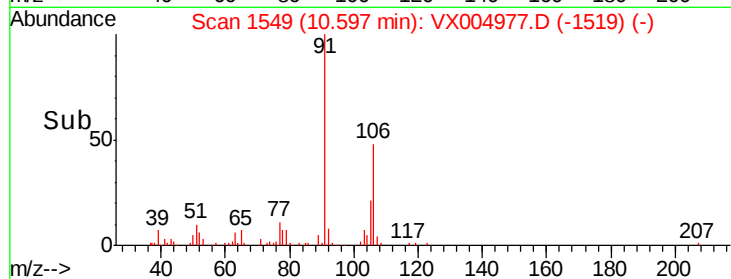
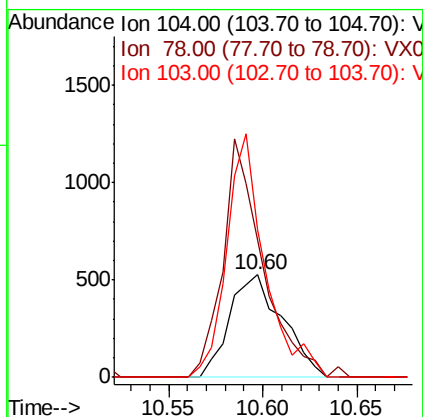
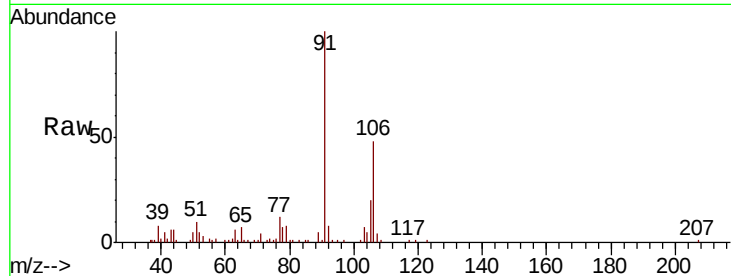




#70
Stvrene
Concen: 2.227 ug/l
RT: 10.60 min Scan# 1549
Delta R.T. -0.12 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

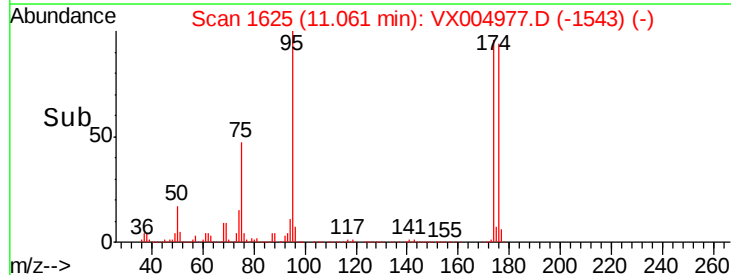
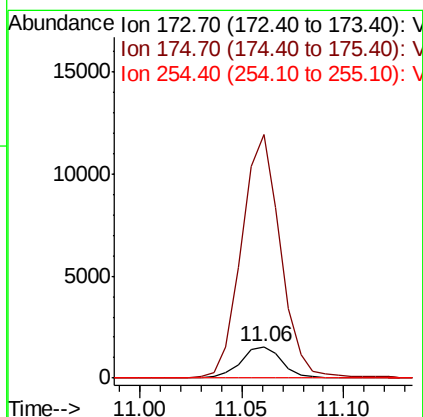
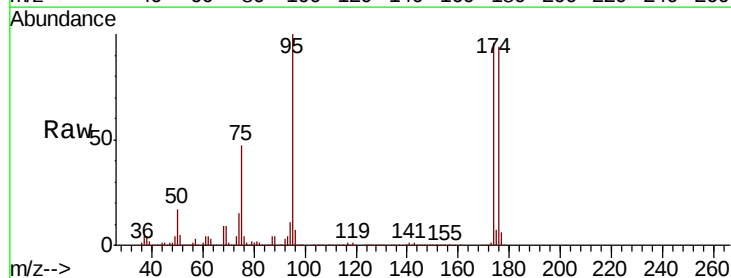
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#03

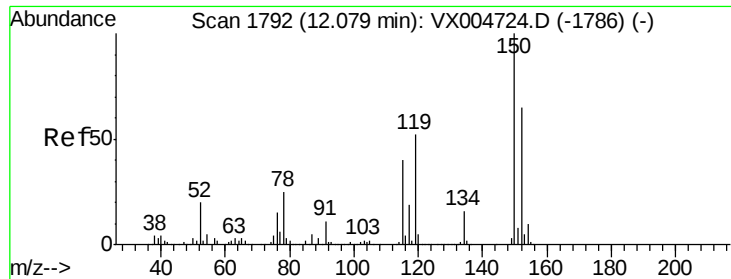
Tot Ion:104 Resp: 1022
Ion Ratio Lower Upper
104 100
78 177.3 40.0 60.0#
103 172.3 44.3 66.5#



#71
Bromoform
Concen: 0.671 ug/l
RT: 11.06 min Scan# 1625
Delta R.T. 0.20 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

Tgt Ion:173 Resp: 2135
Ion Ratio Lower Upper
173 100
175 747.1 23.3 69.8#
254 0.0 0.2 0.2#



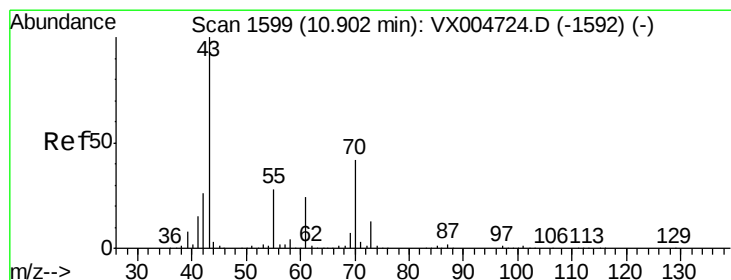
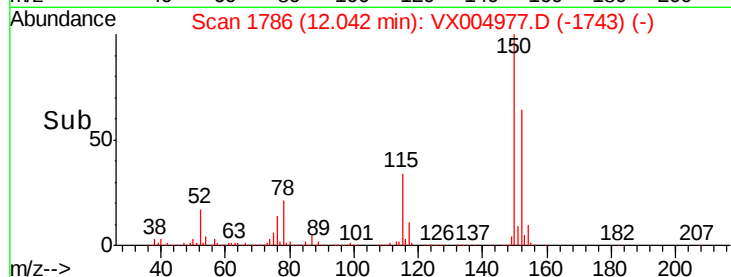
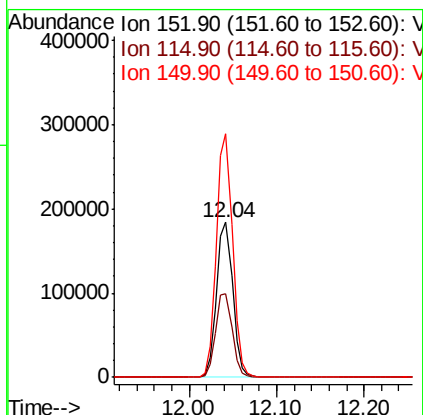
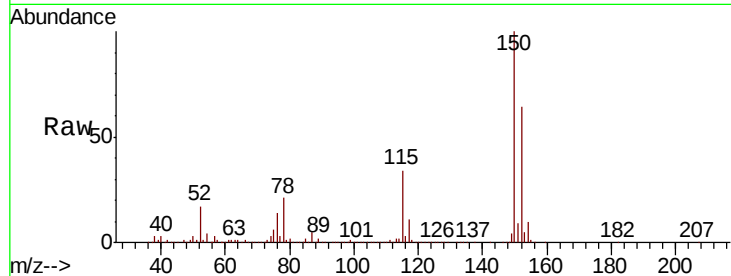


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.04 min Scan# 1786
Delta R.T. -0.04 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#03

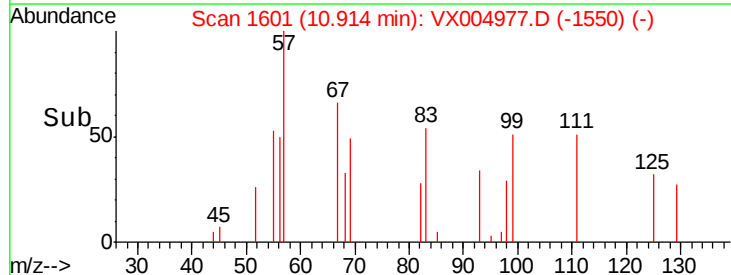
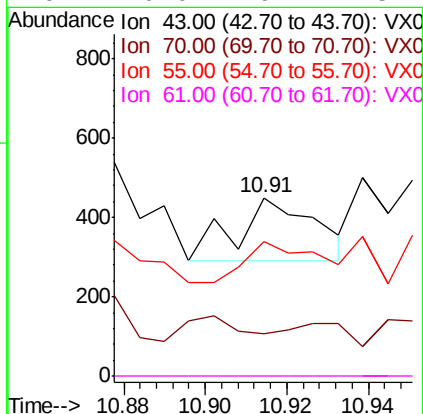
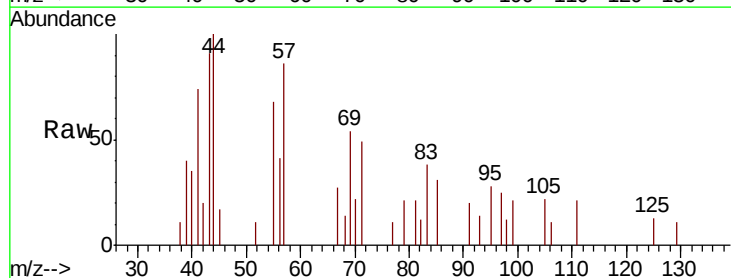
Tot Ion:152 Resp: 234779
Ion Ratio Lower Upper
152 100
115 55.3 40.2 120.6
150 155.7 0.0 351.0

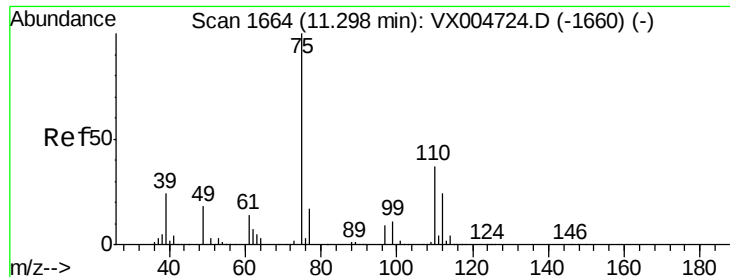


#74

N-ethyl acetate
Concen: 1.773 ug/l
RT: 10.91 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
70 0.0 32.6 48.8#
55 95.7 21.6 32.4#
61 0.0 19.1 28.7#





#76

1,2,3-Trichloropropane

Concen: 20.811 ug/l

RT: 11.05 min Scan# 1624

Delta R.T. -0.24 min

Lab File: VX004977.D

Acq: 03 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

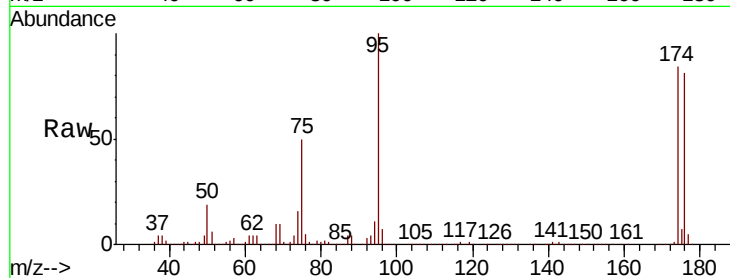
PB113446ZHE#03

Tot Ion: 75 Resp: 109513

Ion Ratio Lower Upper

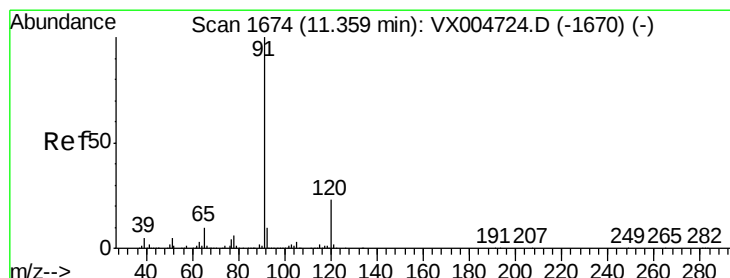
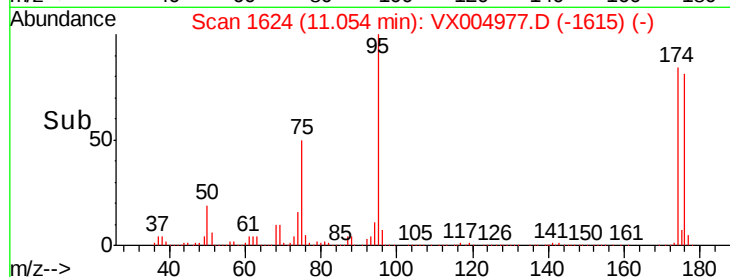
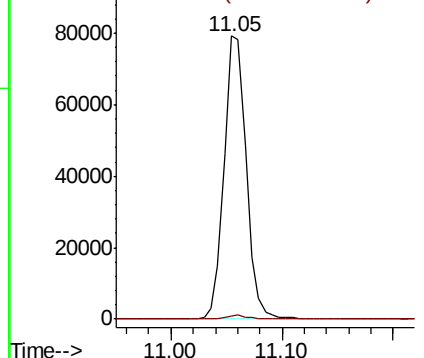
75 100

77 1.3 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.553 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.06 min

Lab File: VX004977.D

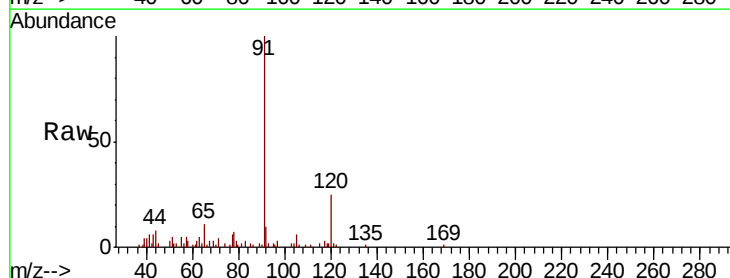
Acq: 03 Oct 2018 18:55

Tgt Ion: 91 Resp: 9383

Ion Ratio Lower Upper

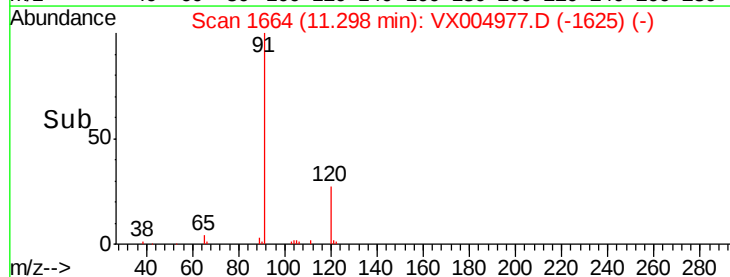
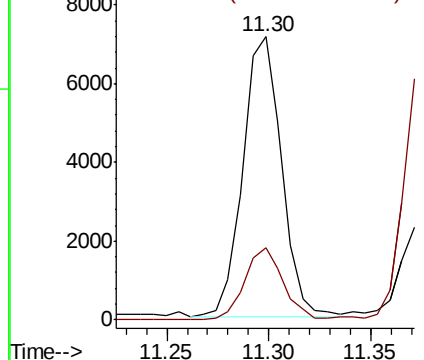
91 100

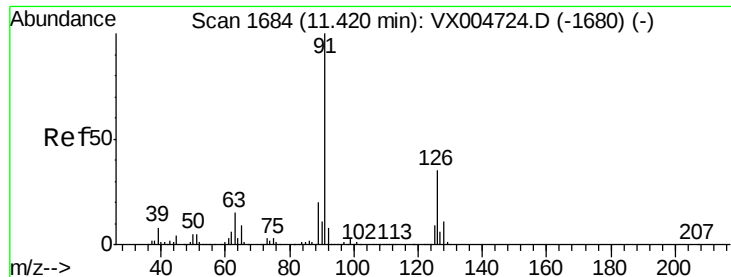
120 25.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.225 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX004977.D

Acq: 03 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

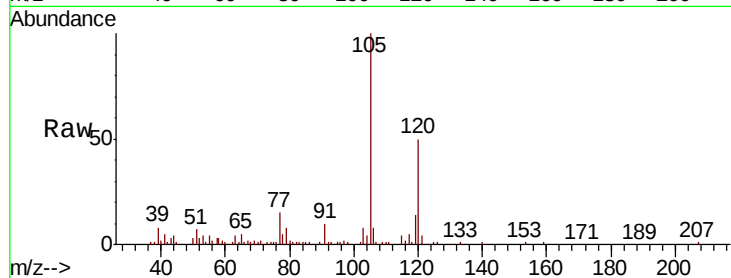
PB113446ZHE#03

Tot Ion: 91 Resp: 2377

Ion Ratio Lower Upper

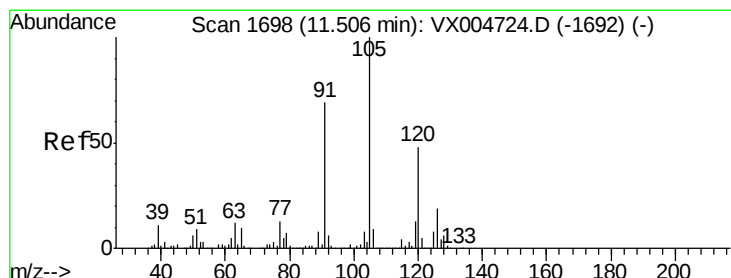
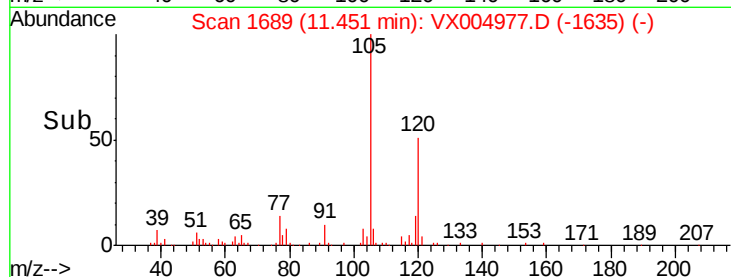
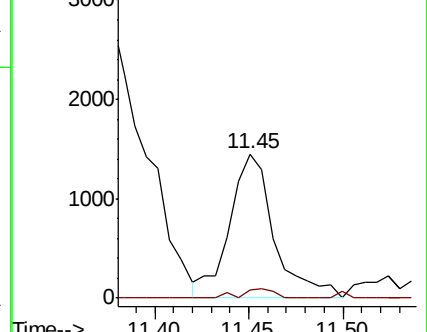
91 100

126 4.6 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VX004977.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004977.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.087 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.05 min

Lab File: VX004977.D

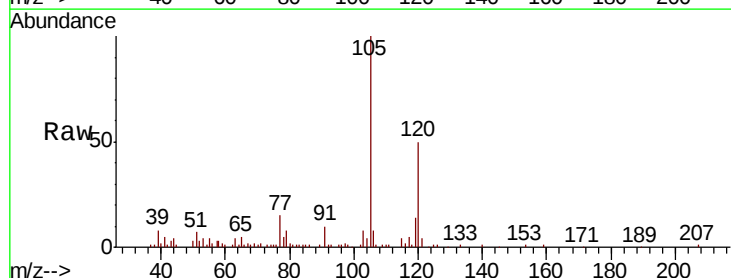
Acq: 03 Oct 2018 18:55

Tgt Ion: 105 Resp: 17368

Ion Ratio Lower Upper

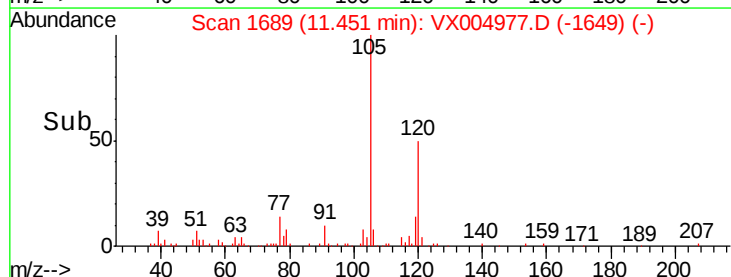
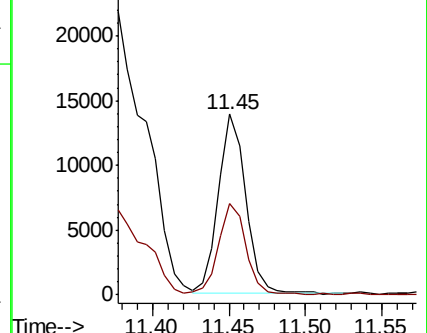
105 100

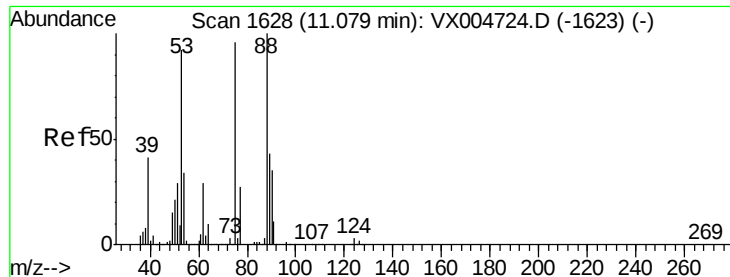
120 51.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX004977.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004977.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 56.492 ug/l

RT: 11.05 min Scan# 1624

Delta R.T. -0.02 min

Lab File: VX004977.D

Acq: 03 Oct 2018 18:55

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#03

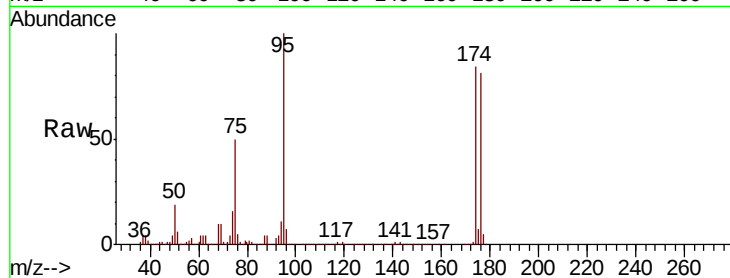
Tot Ion: 75 Resp: 109516

Ion Ratio Lower Upper

75 100

53 0.1 80.2 120.4#

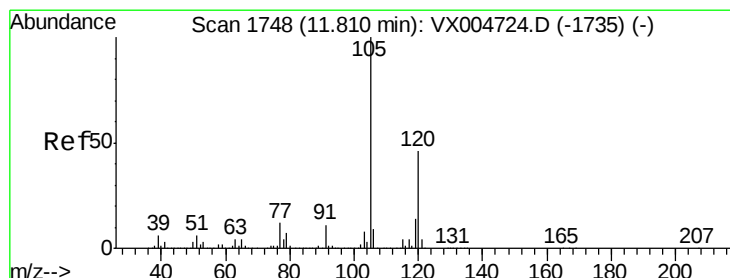
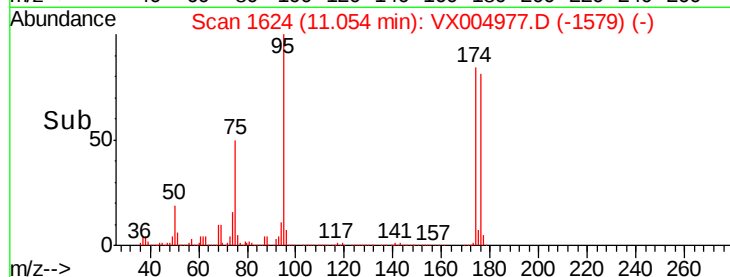
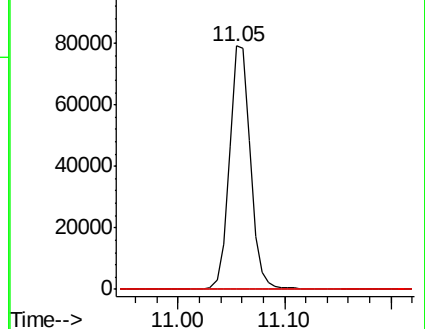
89 0.1 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 3.812 ug/l

RT: 11.76 min Scan# 1740

Delta R.T. -0.05 min

Lab File: VX004977.D

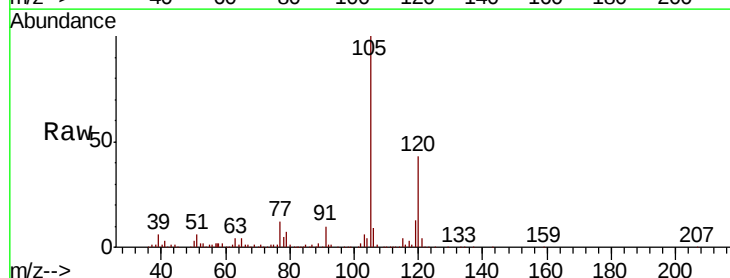
Acq: 03 Oct 2018 18:55

Tgt Ion: 105 Resp: 55873

Ion Ratio Lower Upper

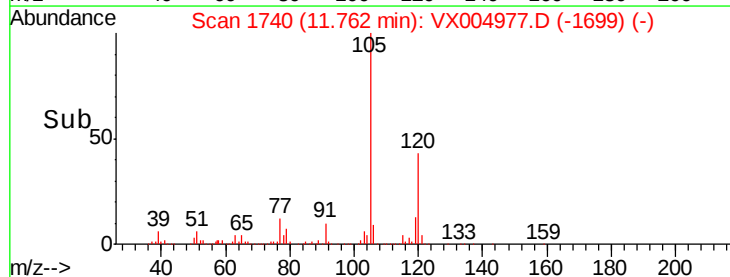
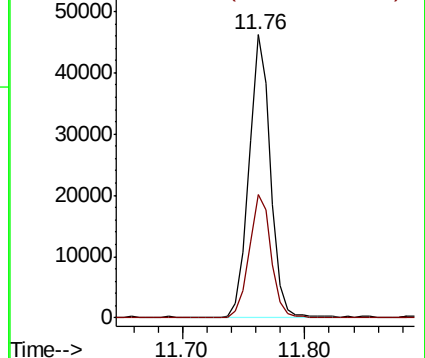
105 100

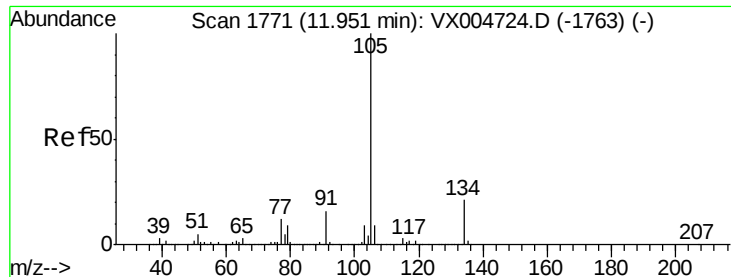
120 45.0 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

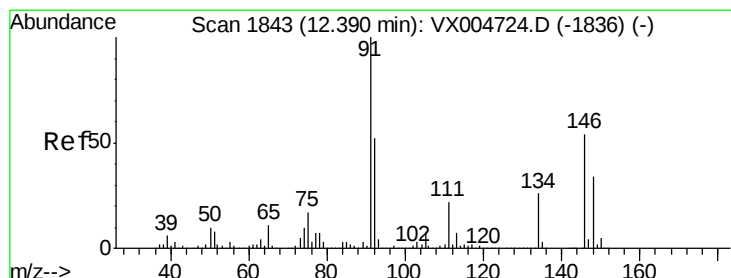
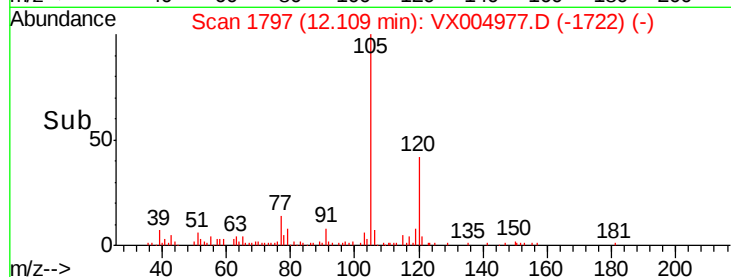
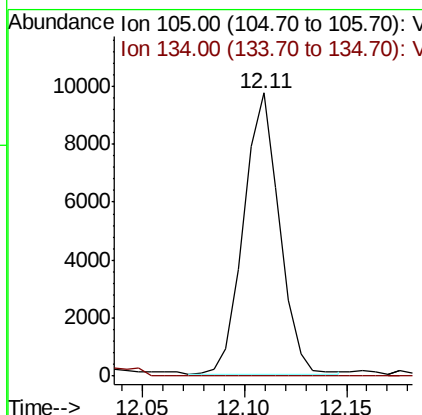
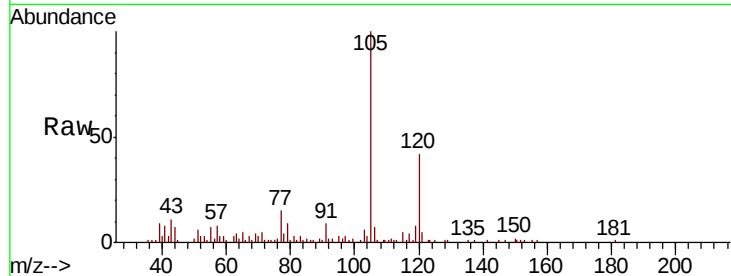




#85
 sec-Butylbenzene
 Concen: 0.793 ug/l
 RT: 12.11 min Scan# 1797
 Delta R.T. 0.16 min
 Lab File: VX004977.D
 Acq: 03 Oct 2018 18:55

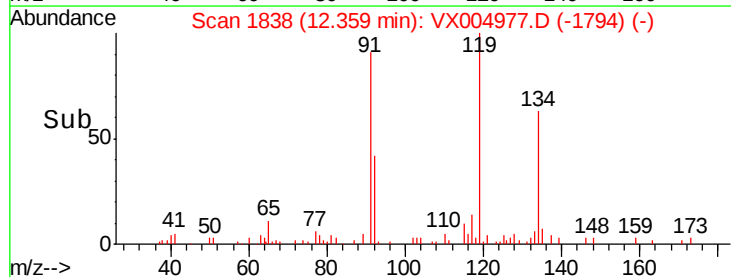
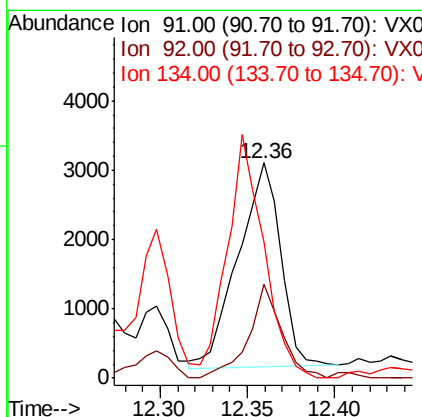
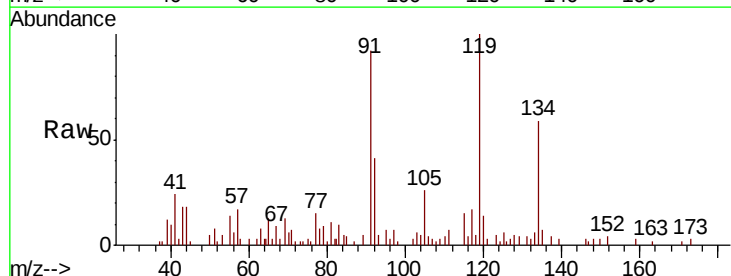
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#03

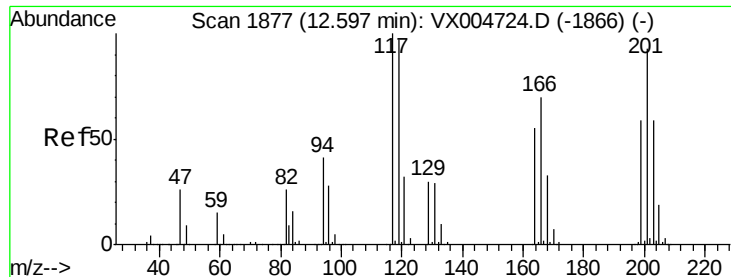
Tot Ion:105 Resp: 11766
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#89
 n-Butylbenzene
 Concen: 0.407 ug/l
 RT: 12.36 min Scan# 1838
 Delta R.T. -0.03 min
 Lab File: VX004977.D
 Acq: 03 Oct 2018 18:55

Tgt Ion: 91 Resp: 4966
 Ion Ratio Lower Upper
 91 100
 92 35.9 26.0 78.0
 134 102.9 13.2 39.6#

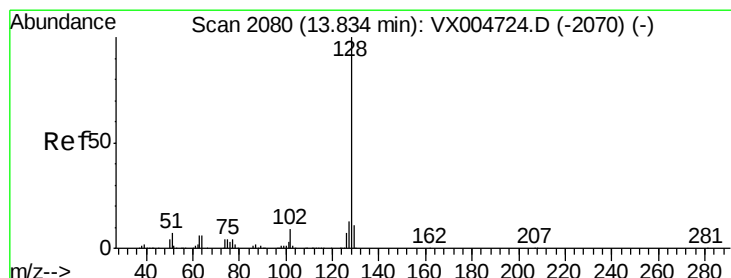
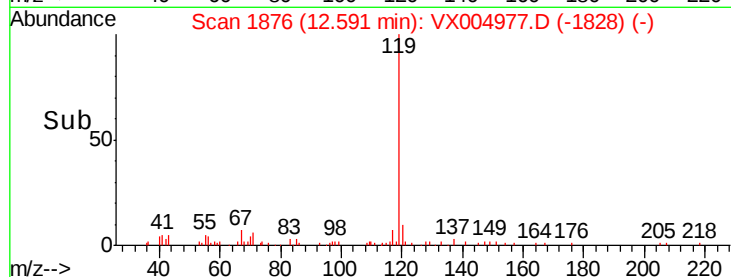
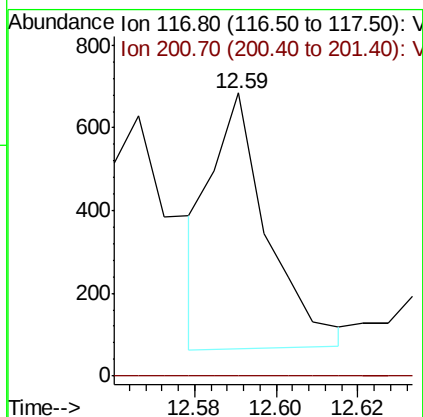
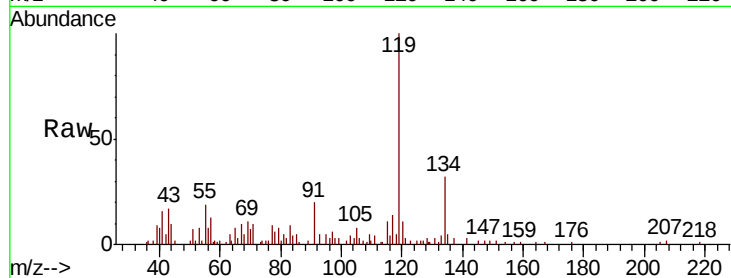




#90
Hexachloroethane
Concen: 0.263 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX004977.D
Acq: 03 Oct 2018 18:55

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#03

Tot Ion:117 Resp: 589
Ion Ratio Lower Upper
117 100
201 0.0 48.4 145.0#



#95
Naphthalene
Concen: 1.887 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 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

