

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006130.D
 Acq On : 21 Nov 2018 18:19
 Operator : JC/MD
 Sample : J6016-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Nov 22 03:25:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	376309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	555436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	506220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261504	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	220526	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	5.50	113	174385	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	8.71	98	675840	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	240477	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

Target Compounds

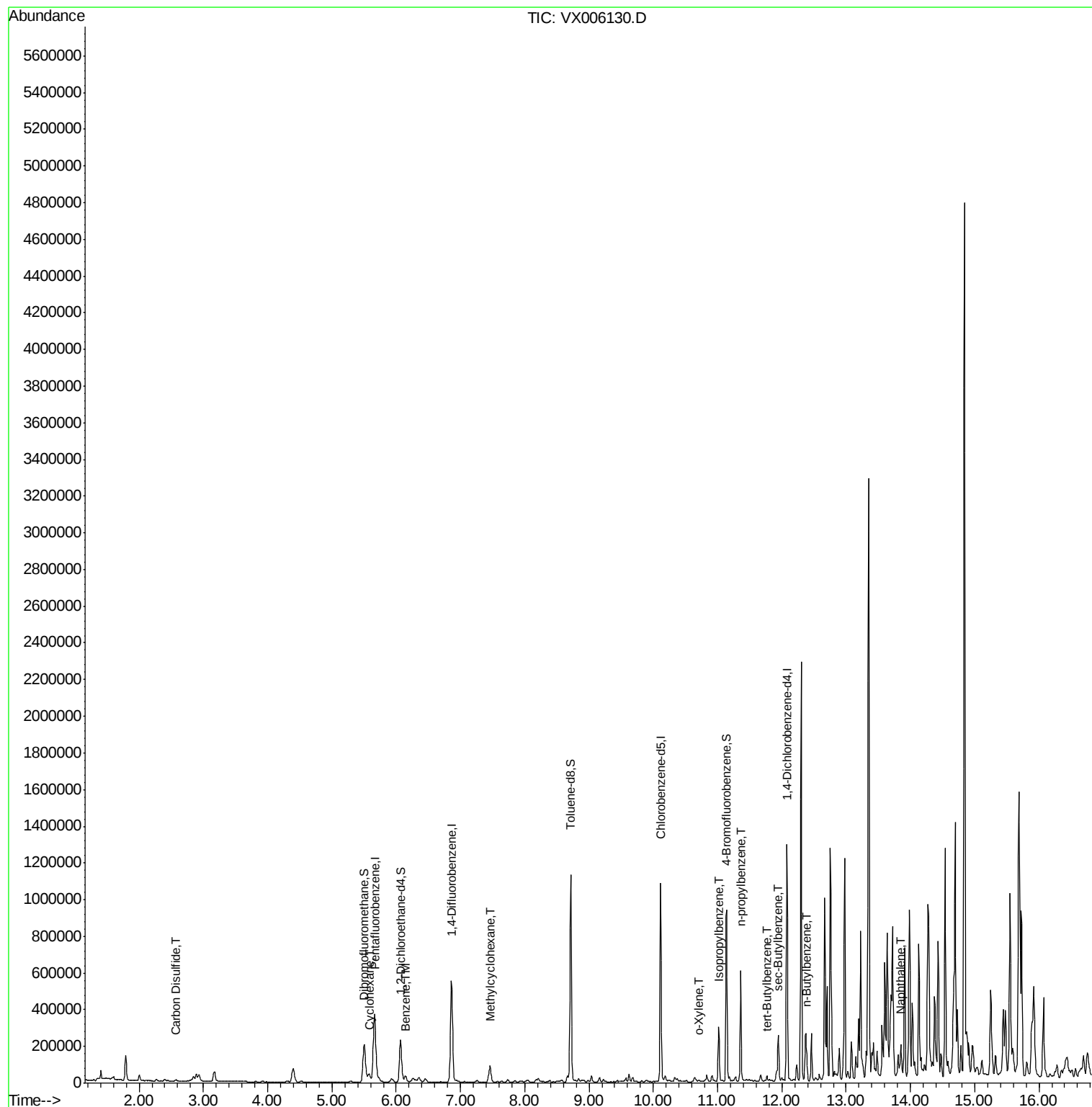
						Qvalue
17) Carbon Disulfide	2.57	76	7154	0.975	ug/l #	94
31) Cyclohexane	5.57	56	28744	4.908	ug/l	97
39) Methylcyclohexane	7.46	83	35911	6.238	ug/l	91
40) Benzene	6.14	78	36787	2.471	ug/l	100
69) o-Xylene	10.70	106	1752	0.277	ug/l	90
73) Isopropylbenzene	11.02	105	148059	9.358	ug/l	99
78) n-propylbenzene	11.36	91	351408	19.071	ug/l	99
83) tert-Butylbenzene	11.77	119	8949	0.687	ug/l	86
85) sec-Butylbenzene	11.94	105	124985	7.846	ug/l	89
89) n-Butylbenzene	12.39	91	74402	5.786	ug/l #	70
95) Naphthalene	13.83	128	48548	2.805	ug/l #	95

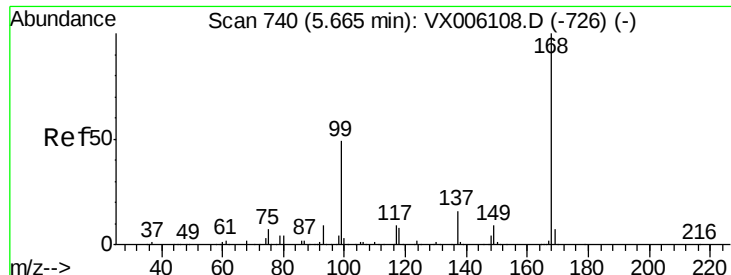
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112118\
Data File : VX006130.D
Acq On : 21 Nov 2018 18:19
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MW-1

Quant Time: Nov 22 03:25:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006130.D

Acq: 21 Nov 2018 18:19

Instrument :

MSVOA_X

ClientSampled :

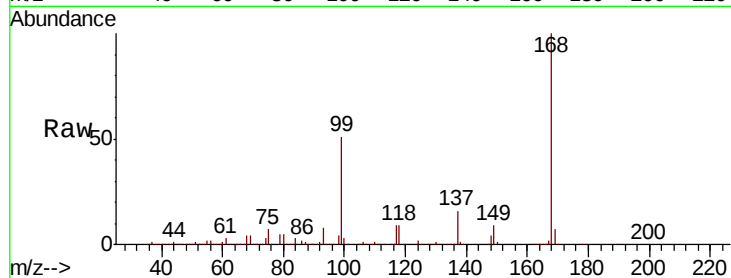
MW-1

Tot Ion:168 Resp: 376309

Ion Ratio Lower Upper

168 100

99 50.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

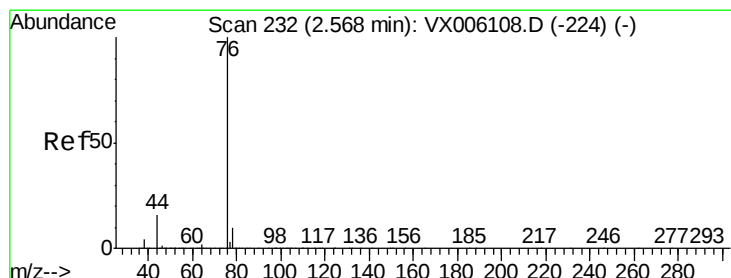
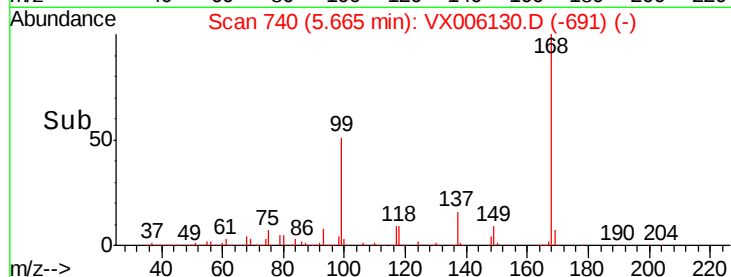
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#17

Carbon Disulfide

Concen: 0.975 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006130.D

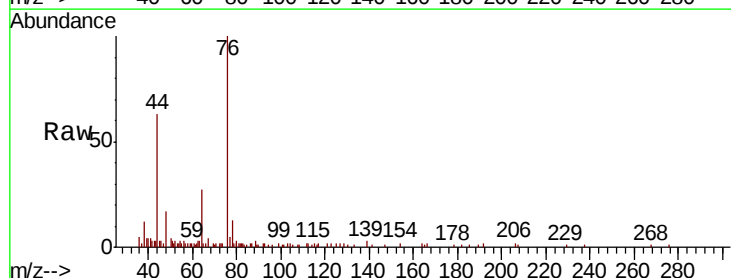
Acq: 21 Nov 2018 18:19

Tgt Ion: 76 Resp: 7154

Ion Ratio Lower Upper

76 100

78 11.7 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

5000

4000

3000

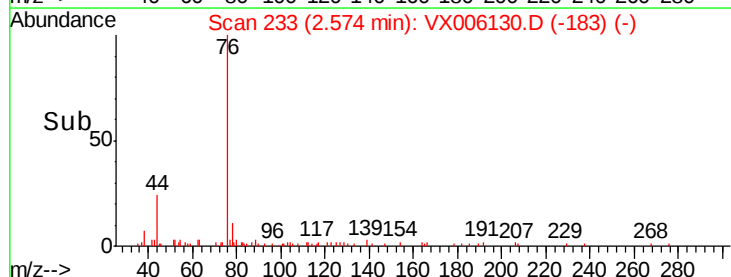
2000

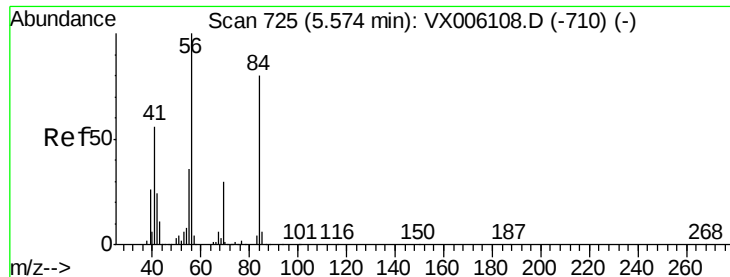
1000

0

Time-->

2.50 2.55 2.60 2.65

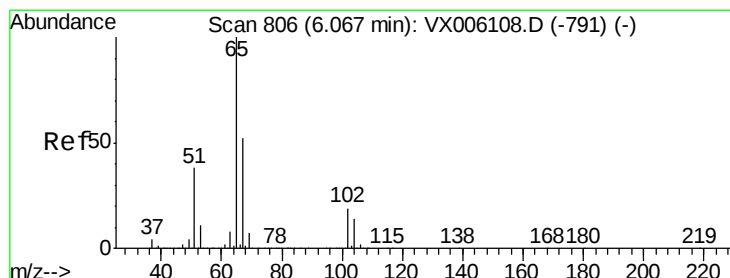
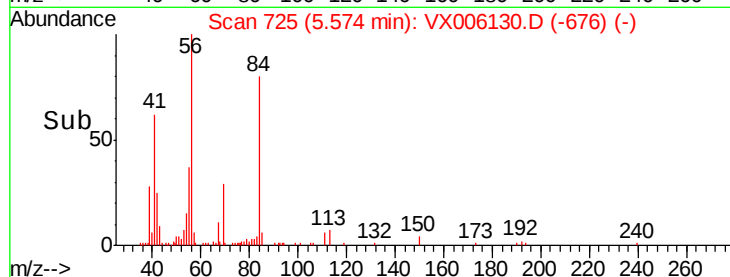
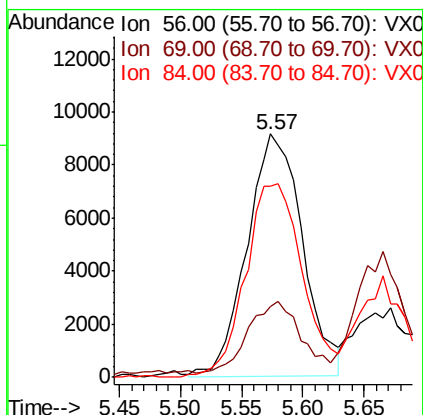
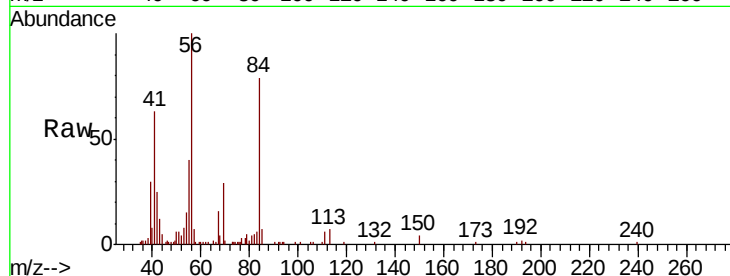




#31
Cyclohexane
Concen: 4.908 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006130.D
Acq: 21 Nov 2018 18:19

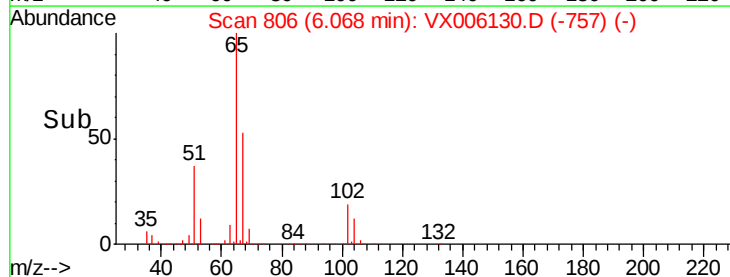
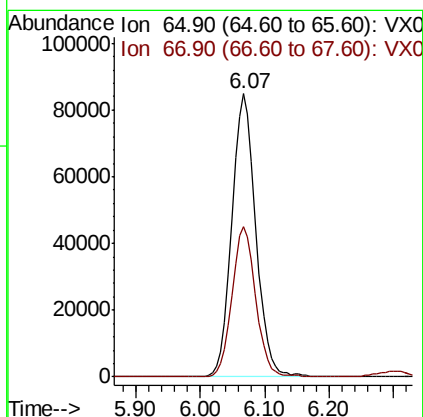
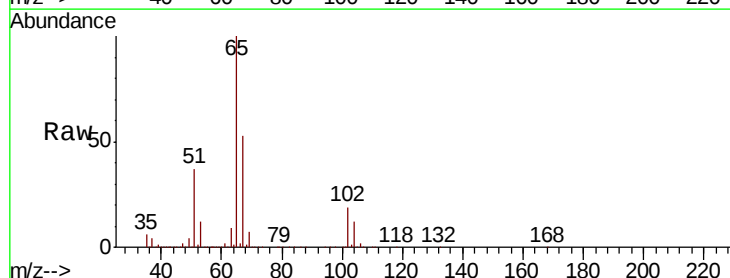
Instrument :
MSVOA_X
ClientSampled :
MW-1

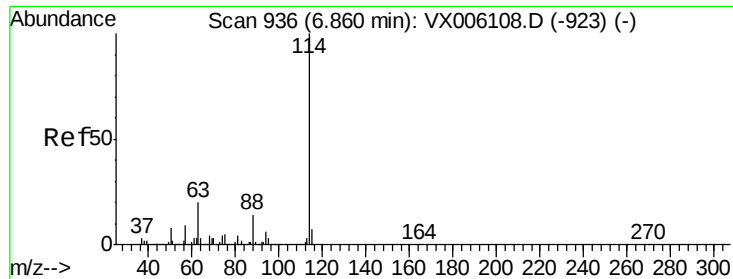
Tot Ion: 56 Resp: 28744
Ion Ratio Lower Upper
56 100
69 27.0 23.9 35.9
84 78.1 63.6 95.4



#33
1,2-Dichloroethane-d4
Concen: 50.574 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006130.D
Acq: 21 Nov 2018 18:19

Tgt Ion: 65 Resp: 220526
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006130.D

Acq: 21 Nov 2018 18:19

Instrument :

MSVOA_X

ClientSampleId :

MW-1

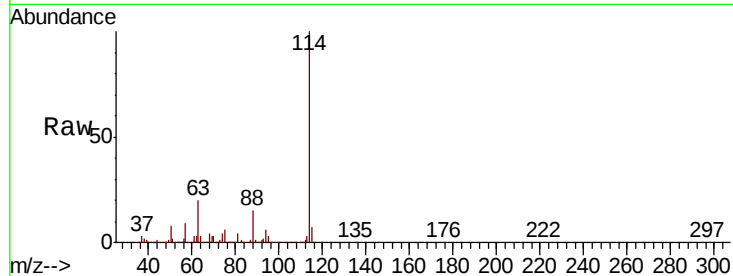
Tot Ion:114 Resp: 555436

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

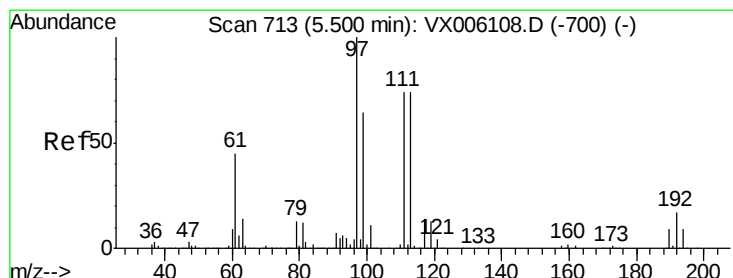
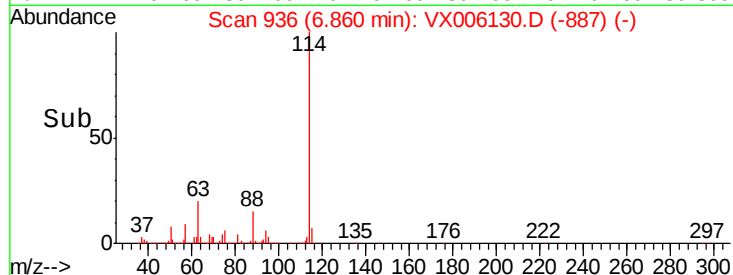
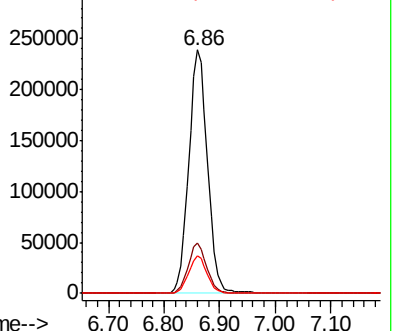
88 15.5 0.0 28.6



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: 48.910 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006130.D

Acq: 21 Nov 2018 18:19

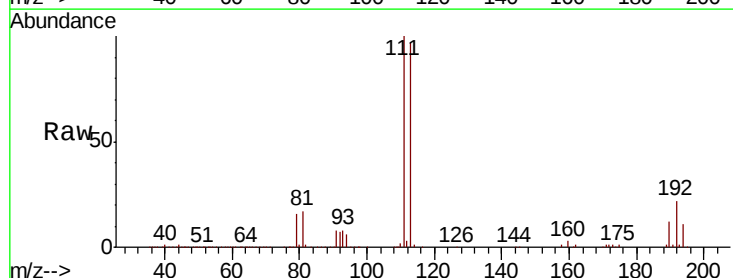
Tgt Ion:113 Resp: 174385

Ion Ratio Lower Upper

113 100

111 103.7 81.5 122.3

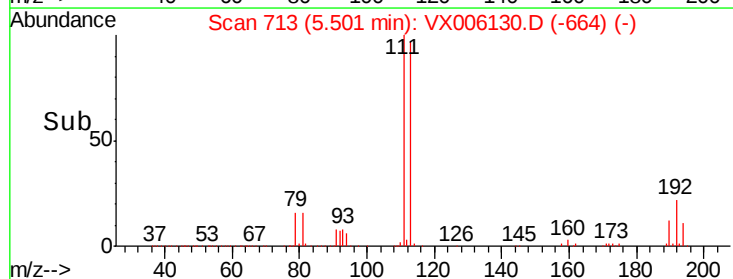
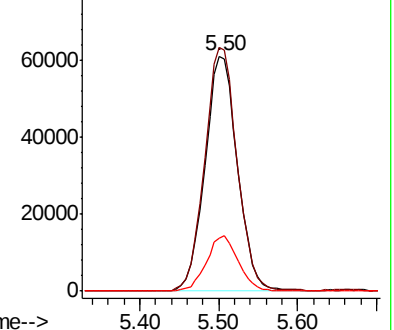
192 23.0 18.6 28.0

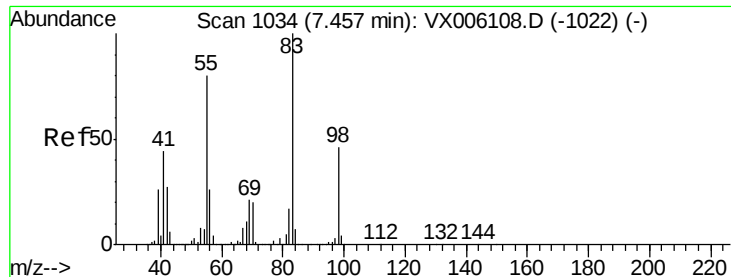


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

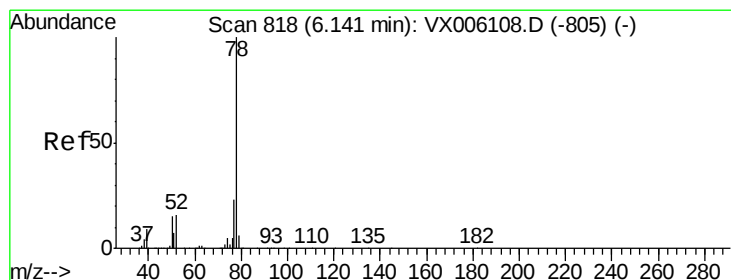
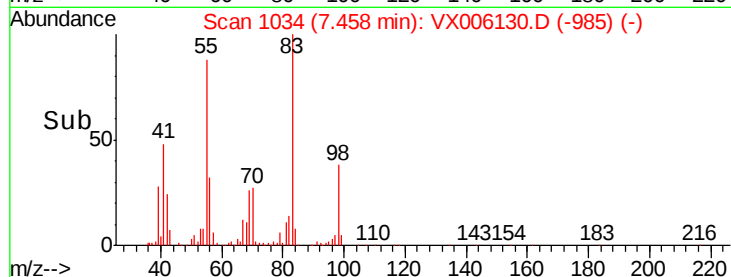
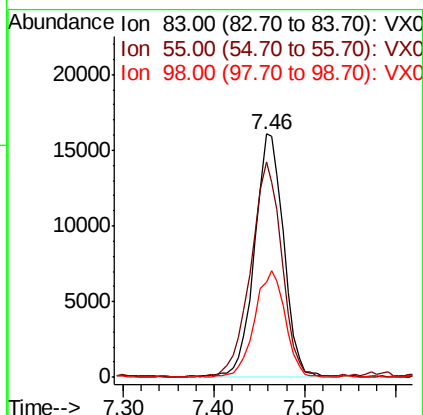
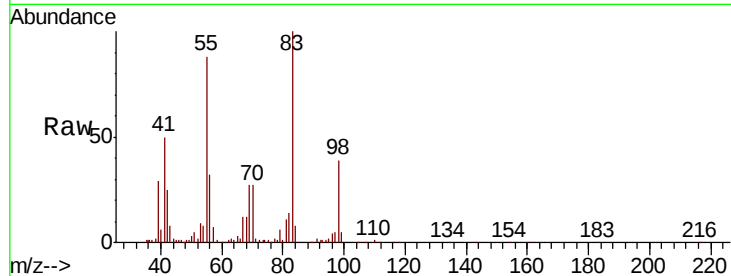




#39
Methvlcvclohexane
Concen: 6.238 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006130.D
Acq: 21 Nov 2018 18:19

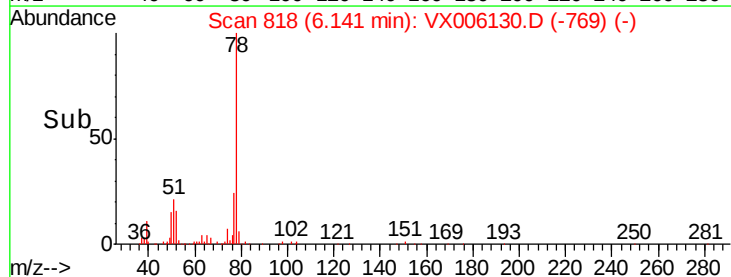
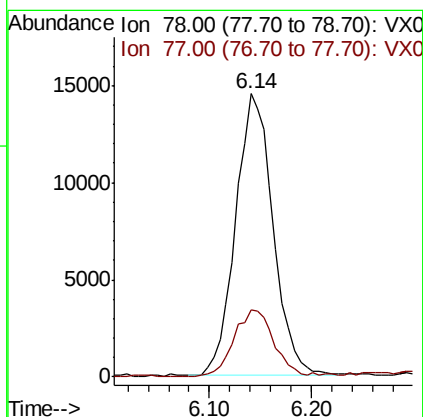
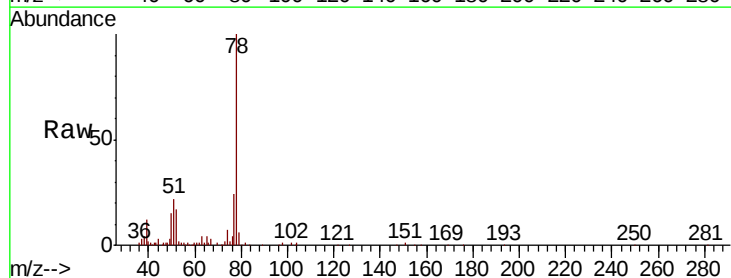
Instrument :
MSVOA_X
ClientSampled :
MW-1

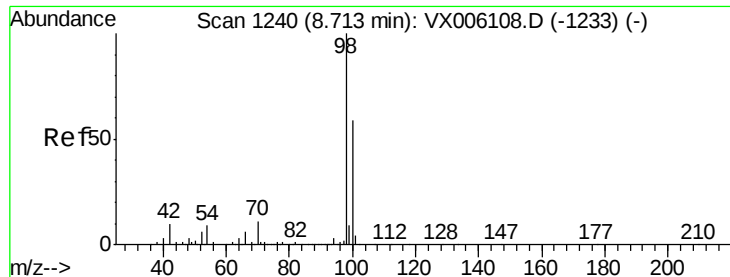
Tot Ion: 83 Resp: 35911
Ion Ratio Lower Upper
83 100
55 87.7 63.9 95.9
98 39.3 36.8 55.2



#40
Benzene
Concen: 2.471 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006130.D
Acq: 21 Nov 2018 18:19

Tgt Ion: 78 Resp: 36787
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2





#50

Toluene-d8

Concen: 49.697 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006130.D

Acq: 21 Nov 2018 18:19

Instrument :

MSVOA_X

ClientSampleId :

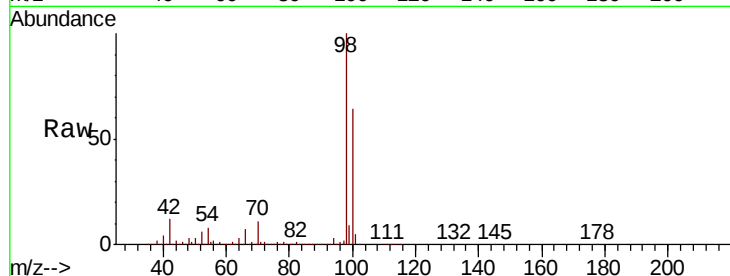
MW-1

Tot Ion: 98 Resp: 675840

Ion Ratio Lower Upper

98 100

100 63.1 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

400000

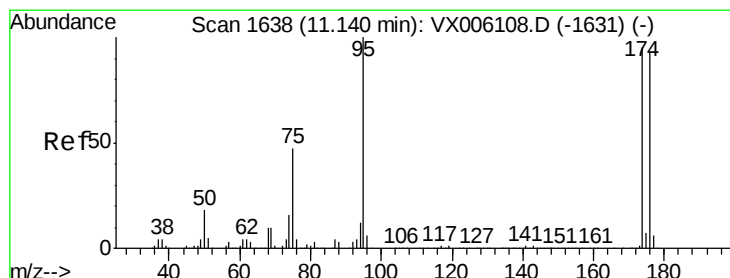
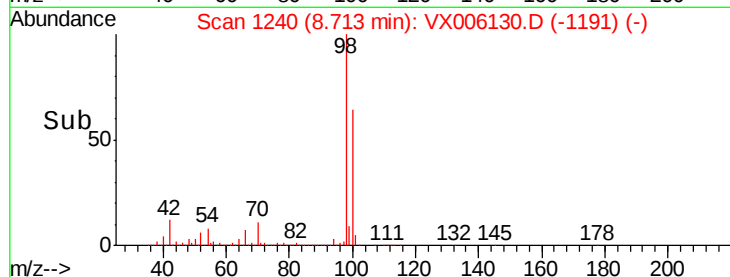
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.130 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006130.D

Acq: 21 Nov 2018 18:19

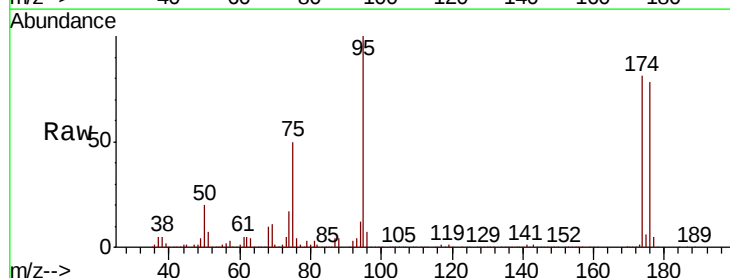
Tgt Ion: 95 Resp: 240477

Ion Ratio Lower Upper

95 100

174 91.6 0.0 184.4

176 88.8 0.0 179.0



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

250000

200000

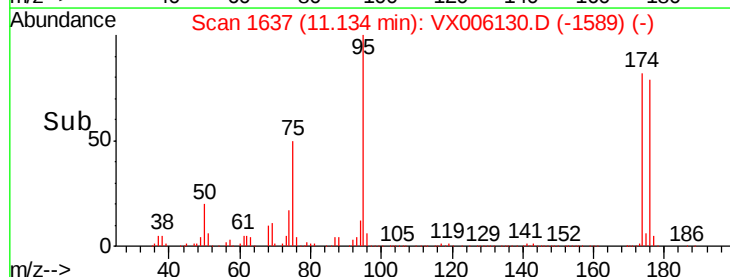
150000

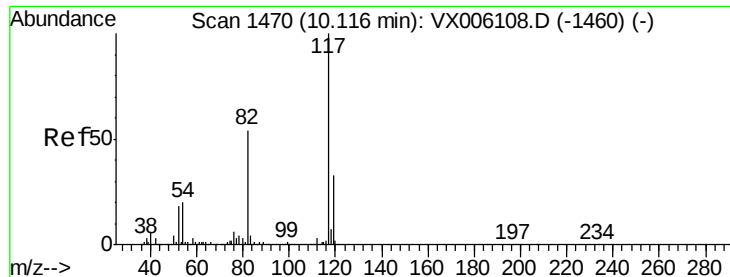
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006130.D

Acq: 21 Nov 2018 18:19

Instrument :

MSVOA_X

ClientSampleId :

MW-1

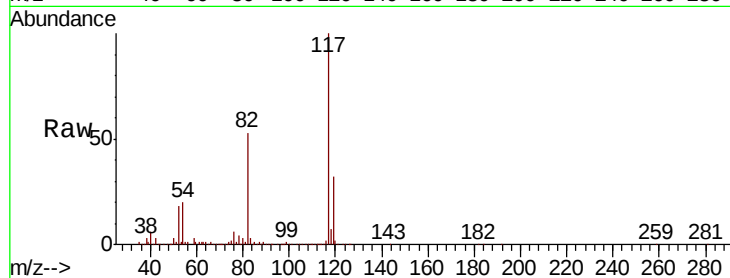
Tot Ion:117 Resp: 506220

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

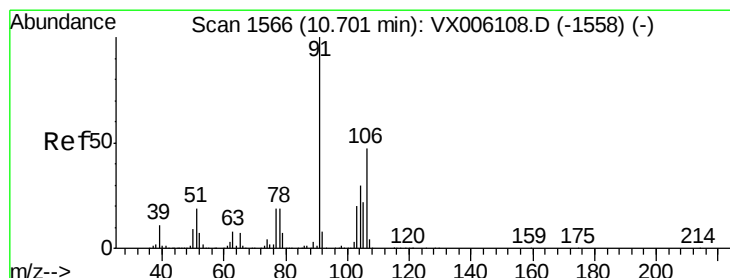
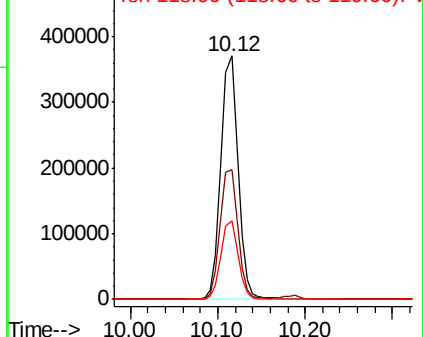
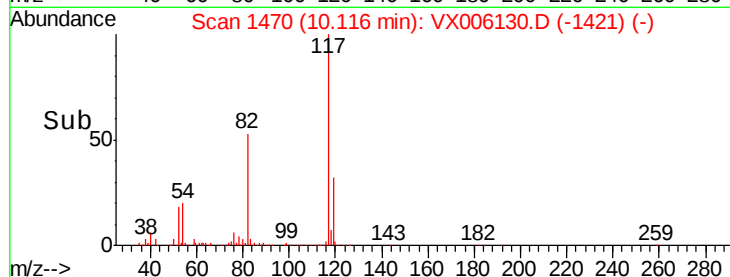
119 32.5 26.1 39.1



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



#69

o-Xylene

Concen: 0.277 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX006130.D

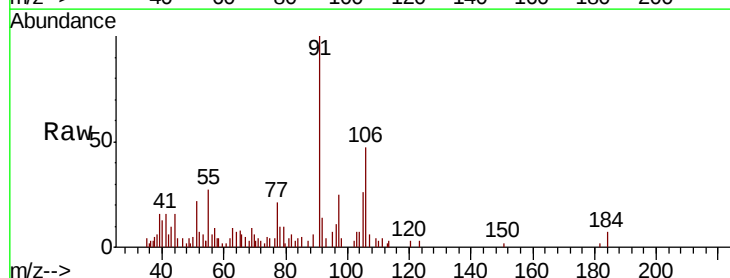
Acq: 21 Nov 2018 18:19

Tgt Ion:106 Resp: 1752

Ion Ratio Lower Upper

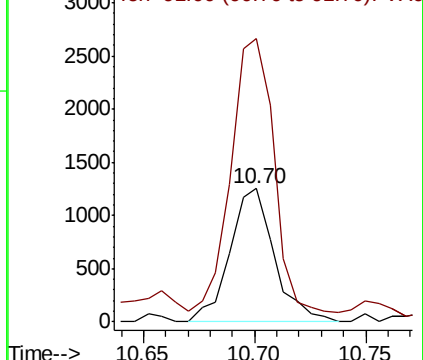
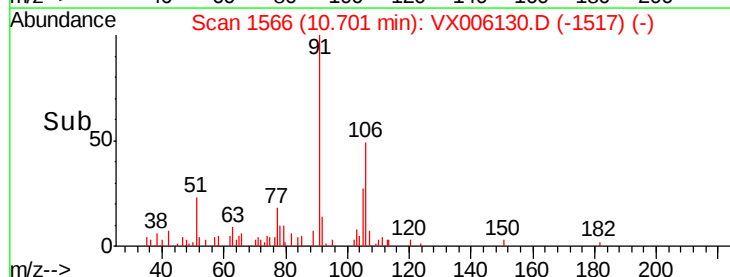
106 100

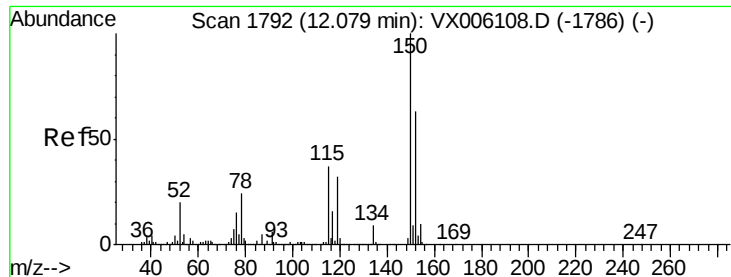
91 198.3 107.4 322.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006130.D

Acq: 21 Nov 2018 18:19

Instrument :

MSVOA_X

ClientSampleId :

MW-1

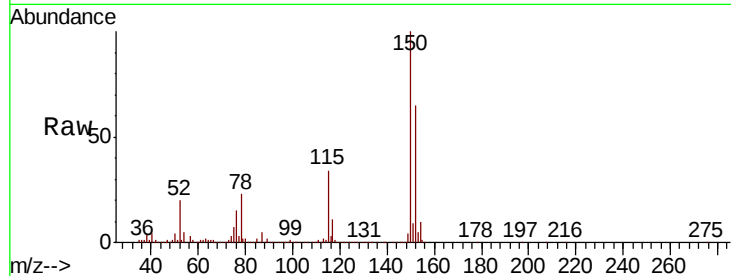
Tot Ion:152 Resp: 261504

Ion Ratio Lower Upper

152 100

115 55.0 39.0 116.9

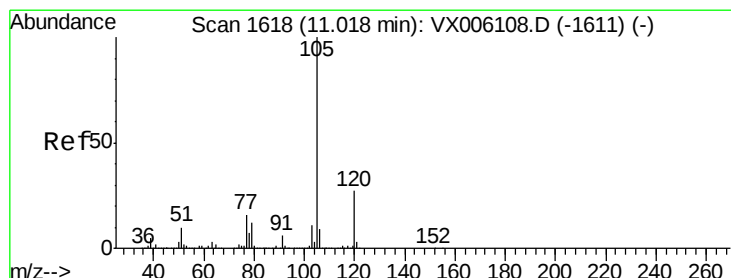
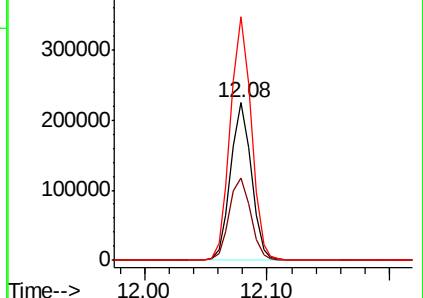
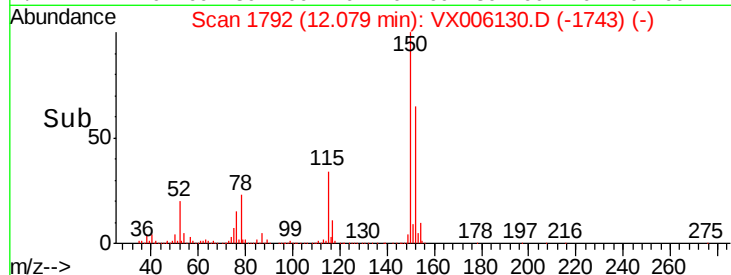
150 156.8 0.0 346.6



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



#73

Isopropylbenzene

Concen: 9.358 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006130.D

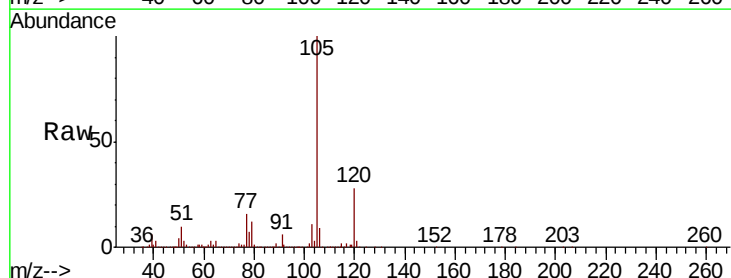
Acq: 21 Nov 2018 18:19

Tgt Ion:105 Resp: 148059

Ion Ratio Lower Upper

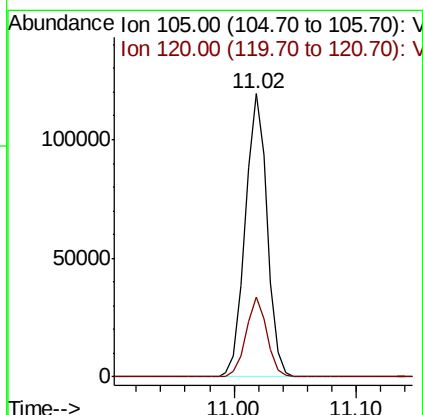
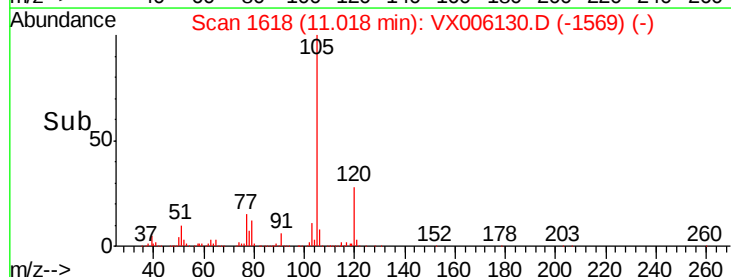
105 100

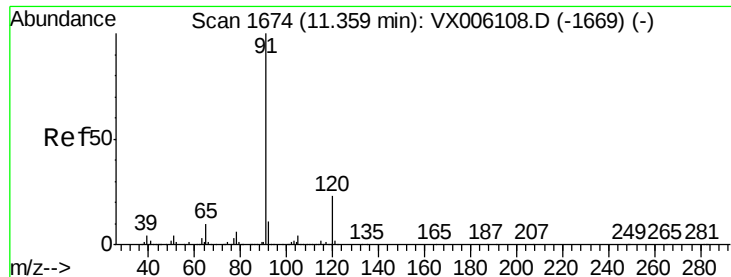
120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

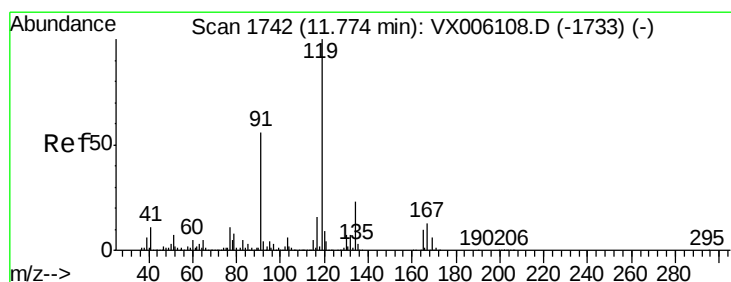
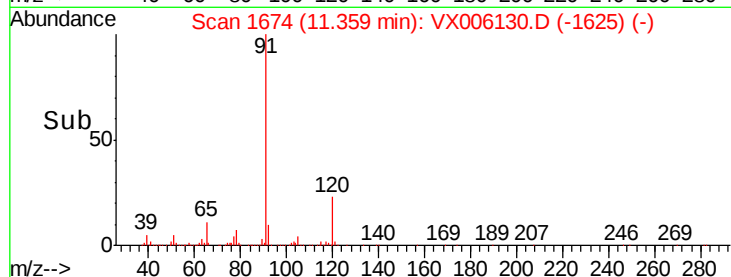
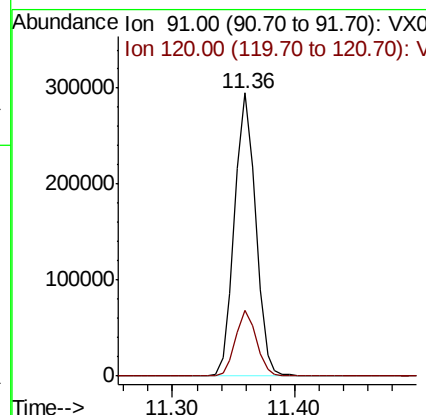
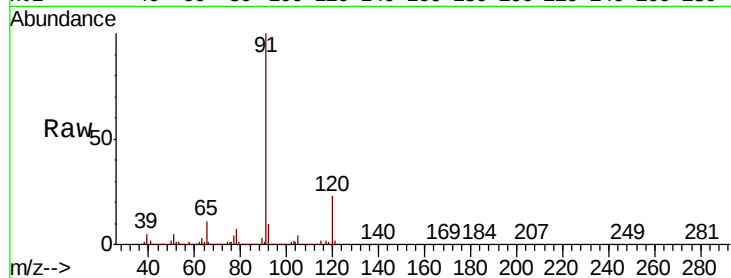




#78
n-propylbenzene
Concen: 19.071 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006130.D
Acq: 21 Nov 2018 18:19

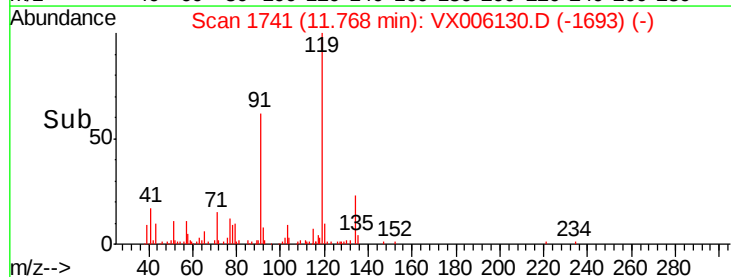
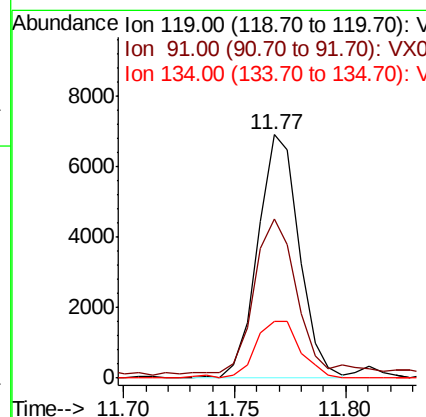
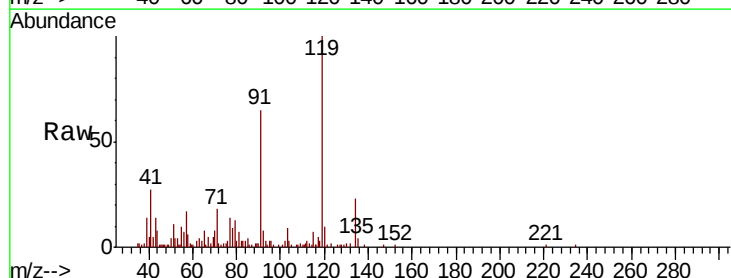
Instrument :
MSVOA_X
ClientSampleId :
MW-1

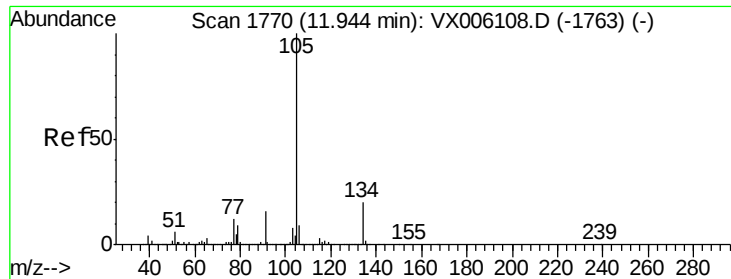
Tot Ion: 91 Resp: 351408
Ion Ratio Lower Upper
91 100
120 23.1 11.8 35.3



#83
tert-Butylbenzene
Concen: 0.687 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX006130.D
Acq: 21 Nov 2018 18:19

Tgt Ion: 119 Resp: 8949
Ion Ratio Lower Upper
119 100
91 69.3 28.2 84.6
134 25.6 11.5 34.4





#85

sec-Butylbenzene

Concen: 7.846 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006130.D

Acq: 21 Nov 2018 18:19

Instrument :

MSVOA_X

ClientSampleId :

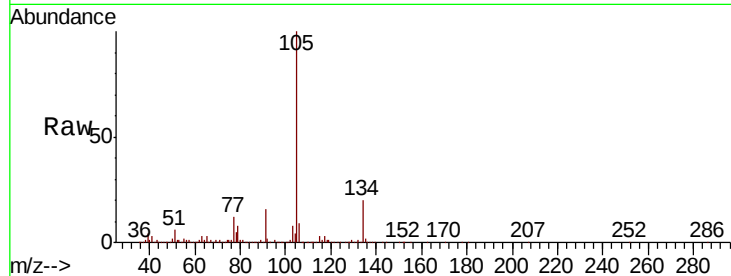
MW-1

Tot Ion:105 Resp: 124985

Ion Ratio Lower Upper

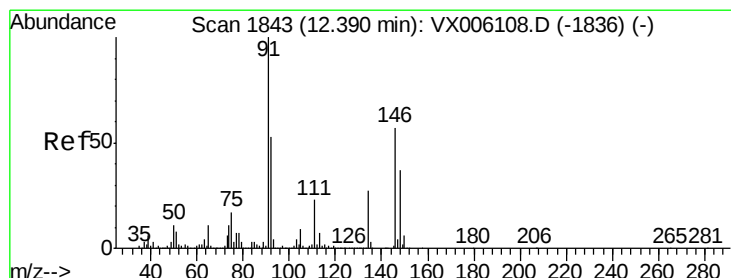
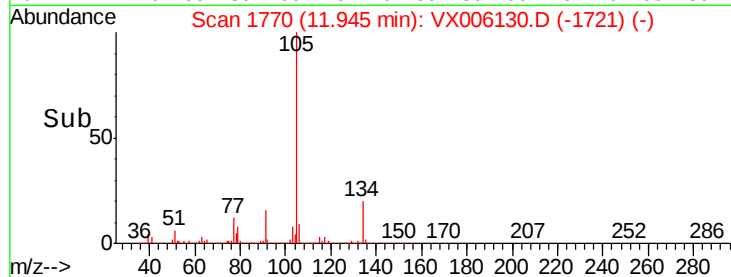
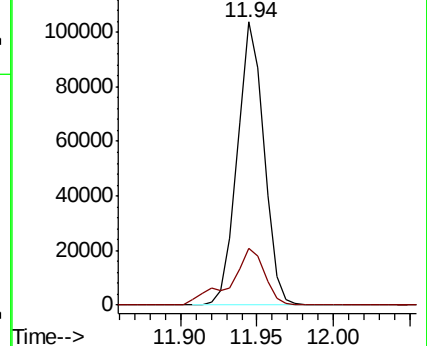
105 100

134 26.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 5.786 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006130.D

Acq: 21 Nov 2018 18:19

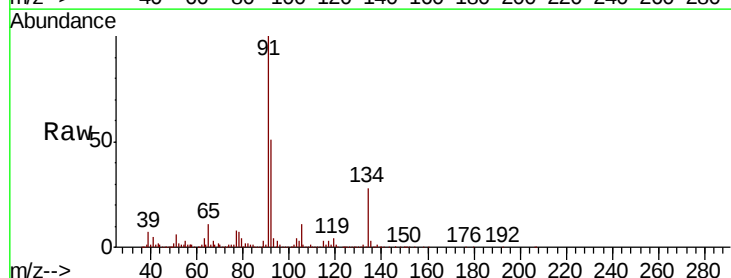
Tgt Ion: 91 Resp: 74402

Ion Ratio Lower Upper

91 100

92 41.0 26.6 79.7

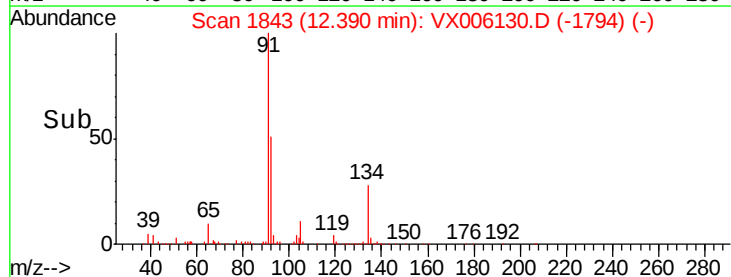
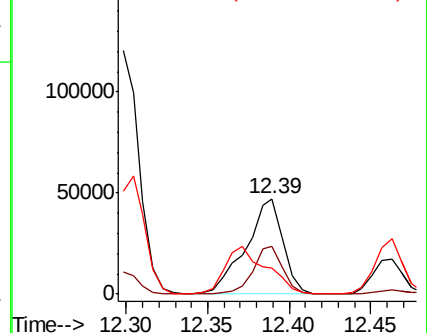
134 55.7 13.1 39.3#

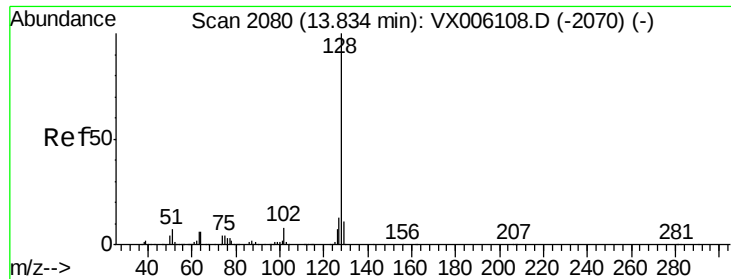


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#95
Naphthalene
Concen: 2.805 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006130.D
Acq: 21 Nov 2018 18:19

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.6	15.8
129	13.2	8.8	13.2#

