

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005880.D
 Acq On : 10 Nov 2018 00:24
 Operator : JC/MD
 Sample : J5889-03
 Misc : 13.06g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WALL-C

Quant Time: Nov 12 01:38:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	128901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	182484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	152381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	81773	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	69411	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	5.50	113	55334	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	
50) Toluene-d8	8.71	98	198826	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	11.14	95	77046	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

Target Compounds

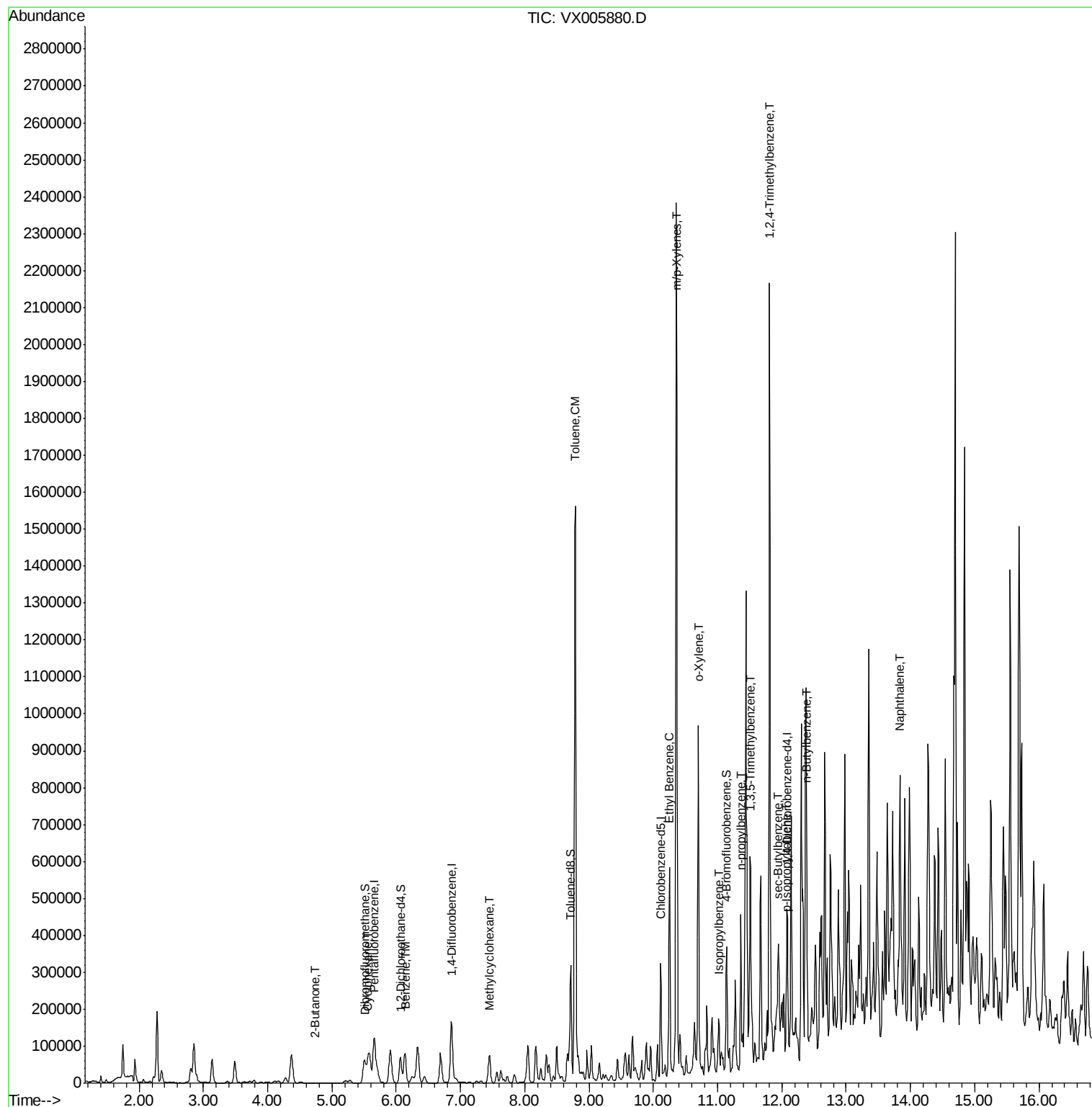
						Qvalue
25) 2-Butanone	4.74	43	1044	0.832	ug/l	99
31) Cyclohexane	5.56	56	50178	24.306	ug/l	95
39) Methylcyclohexane	7.45	83	29030	16.282	ug/l	87
40) Benzene	6.14	78	96646	18.845	ug/l	99
52) Toluene	8.79	92	636432	222.045	ug/l	99
67) Ethyl Benzene	10.26	91	339075	69.269	ug/l	99
68) m/p-Xylenes	10.36	106	531936	284.891	ug/l	99
69) o-Xylene	10.70	106	197305	117.845	ug/l	100
73) Isopropylbenzene	11.02	105	74680	15.792	ug/l	99
78) n-propylbenzene	11.36	91	264999	47.550	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	239840	59.683	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	859163	194.078	ug/l	99
85) sec-Butylbenzene	11.95	105	92557	18.618	ug/l #	76
86) p-Isopropyltoluene	12.07	119	15368	3.490	ug/l	98
89) n-Butylbenzene	12.39	91	142351	34.879	ug/l #	50
95) Naphthalene	13.83	128	434252	73.253	ug/l #	96

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

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Quant Time: Nov 12 01:38:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA_X

ClientSampled :

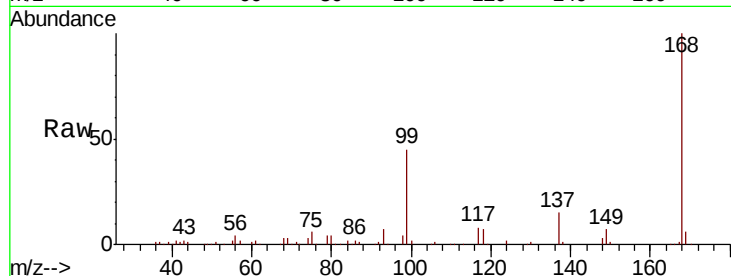
WALL-C

Tot Ion:168 Resp: 128901

Ion Ratio Lower Upper

168 100

99 45.2 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

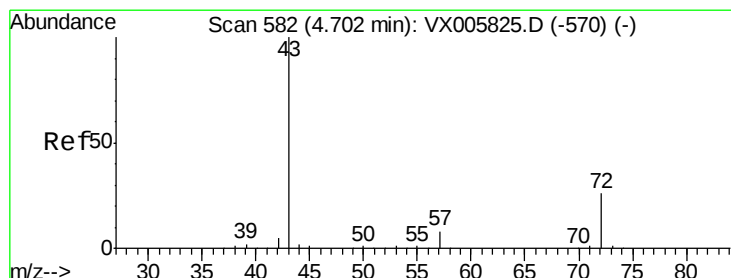
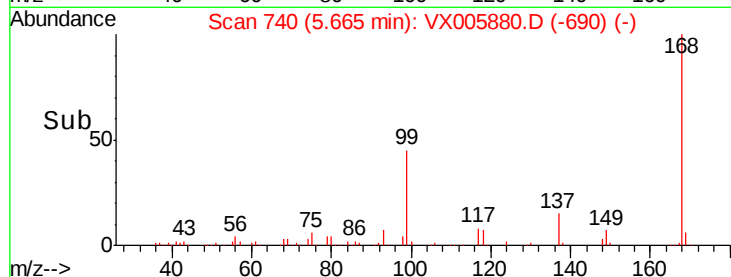
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#25

2-Butanone

Concen: 0.832 ug/l

RT: 4.74 min Scan# 588

Delta R.T. 0.04 min

Lab File: VX005880.D

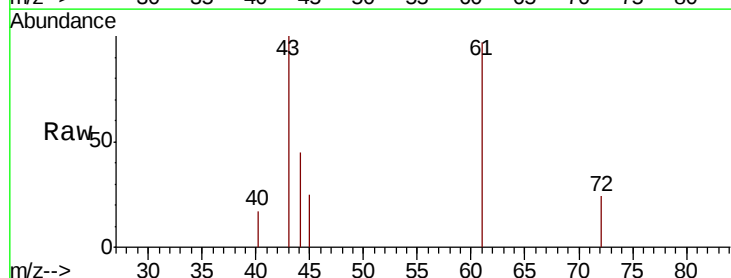
Acq: 10 Nov 2018 00:24

Tgt Ion: 43 Resp: 1044

Ion Ratio Lower Upper

43 100

72 24.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.74

300

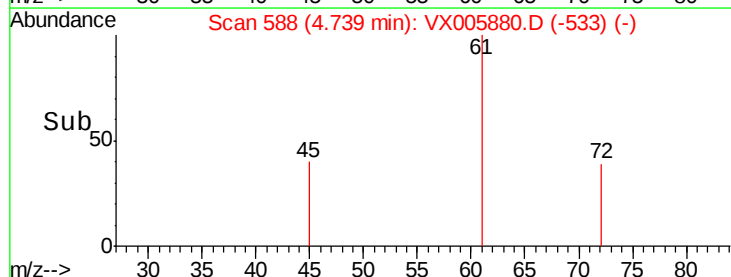
200

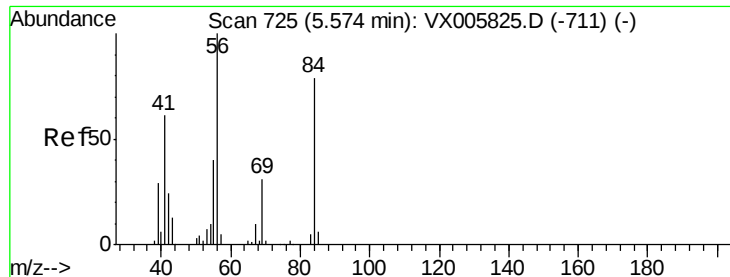
100

0

Time-->

4.65 4.70 4.75 4.80

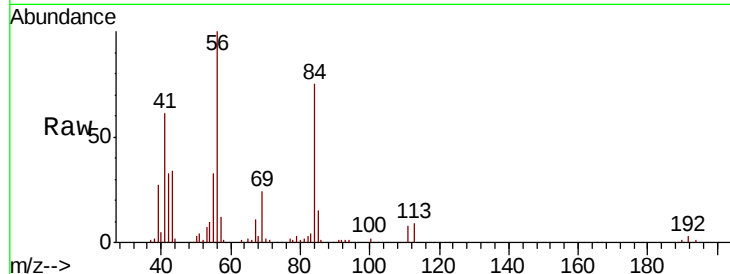




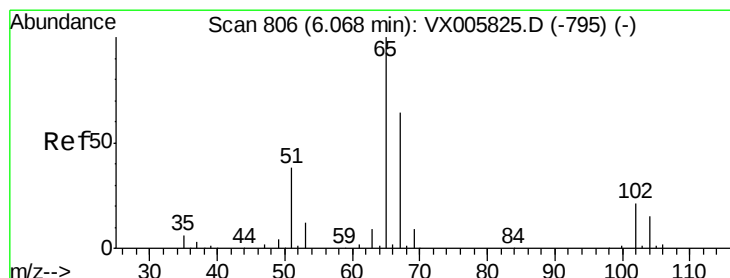
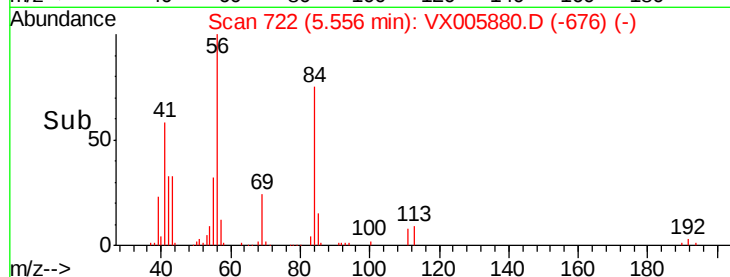
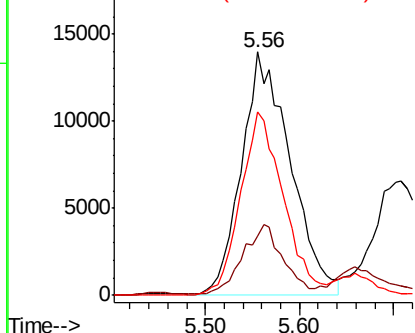
#31
Cyclohexane
Concen: 24.306 ug/l
RT: 5.56 min Scan# 722
Delta R.T. -0.02 min
Lab File: VX005880.D
Acq: 10 Nov 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
WALL-C

Tot Ion: 56 Resp: 50178
Ion Ratio Lower Upper
56 100
69 23.5 22.6 34.0
84 75.6 62.7 94.1

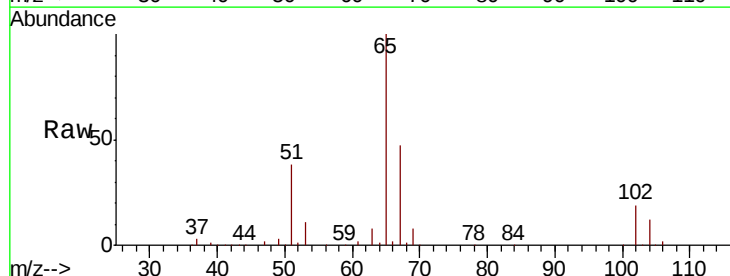


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

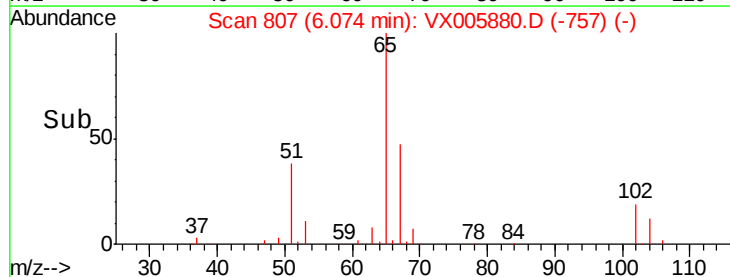
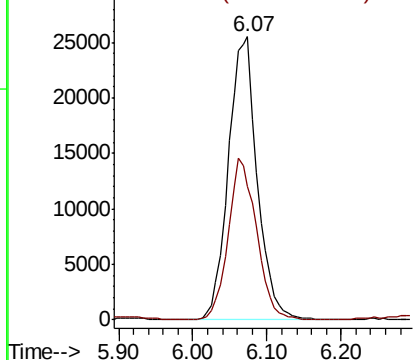


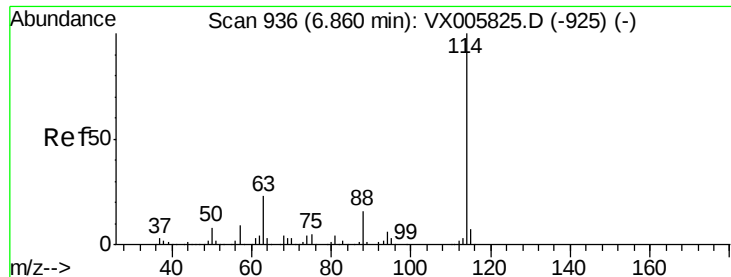
#33
1,2-Dichloroethane-d4
Concen: 46.840 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX005880.D
Acq: 10 Nov 2018 00:24

Tgt Ion: 65 Resp: 69411
Ion Ratio Lower Upper
65 100
67 56.0 0.0 105.0



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: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

WALL-C

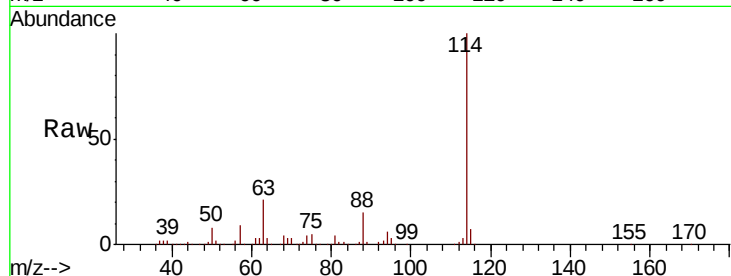
Tot Ion:114 Resp: 182484

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

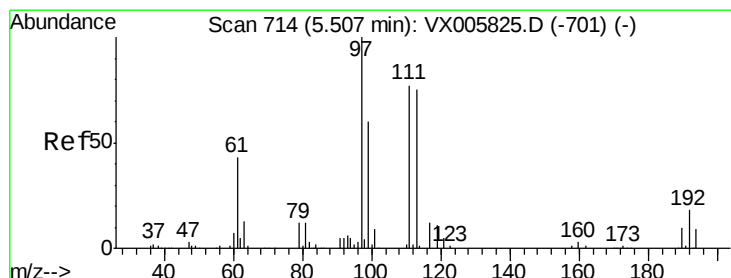
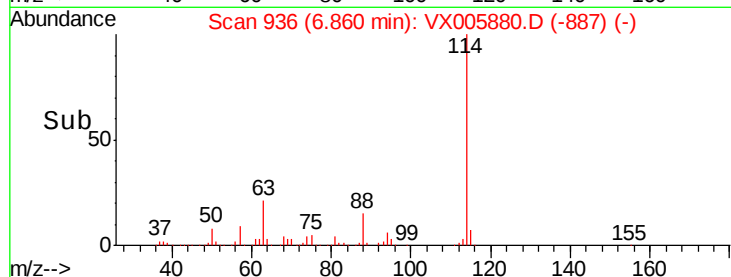
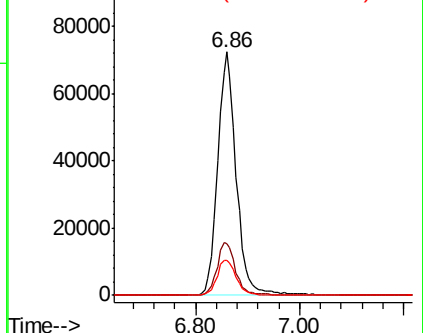
88 14.6 0.0 31.2



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: 44.582 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

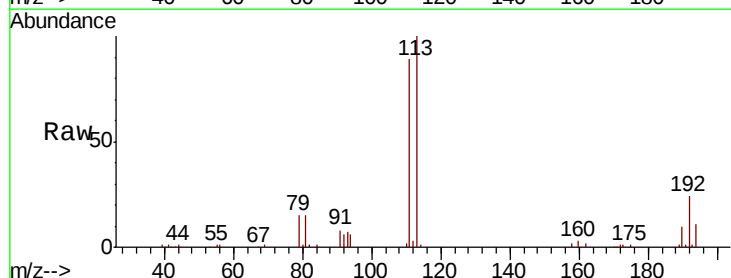
Tgt Ion:113 Resp: 55334

Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

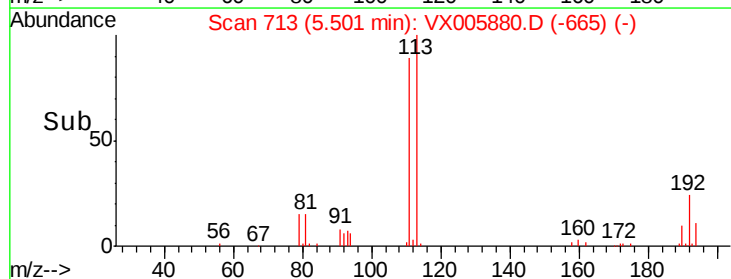
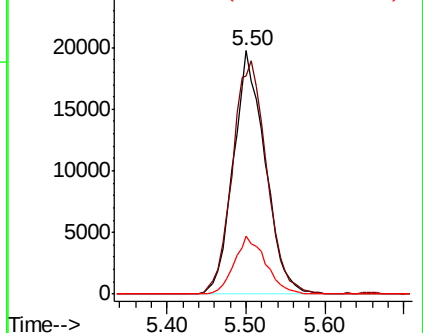
192 23.4 17.9 26.9

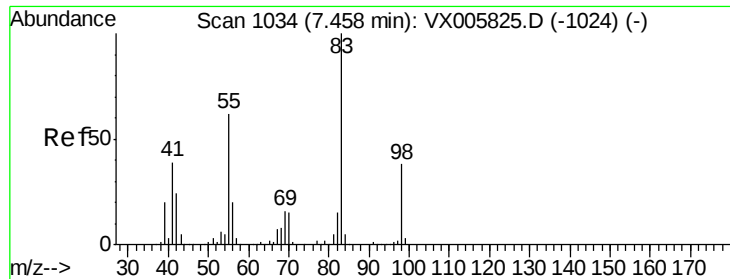


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

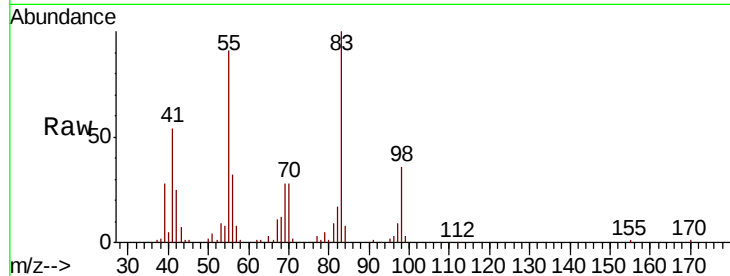




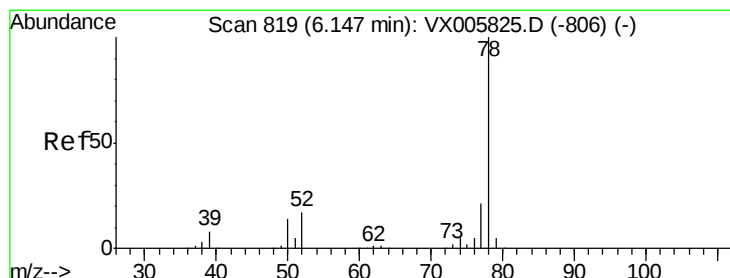
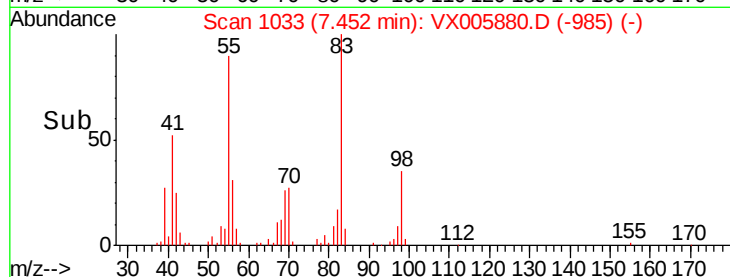
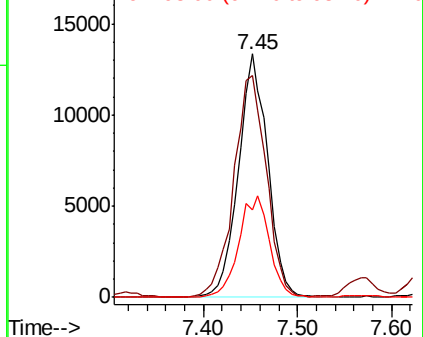
#39
Methvlcvclohexane
Concen: 16.282 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX005880.D
Acq: 10 Nov 2018 00:24

Instrument :
MSVOA_X
ClientSampleId :
WALL-C

Tot Ion: 83 Resp: 29030
Ion Ratio Lower Upper
83 100
55 90.7 63.7 95.5
98 36.2 36.2 54.2

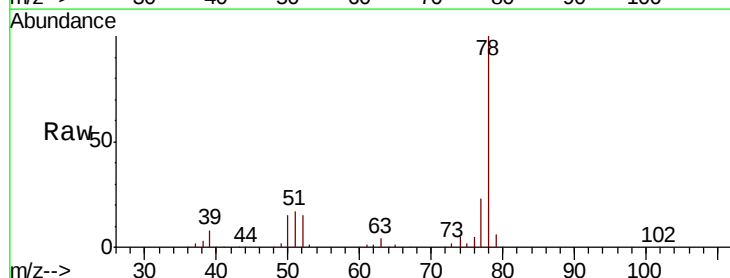


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

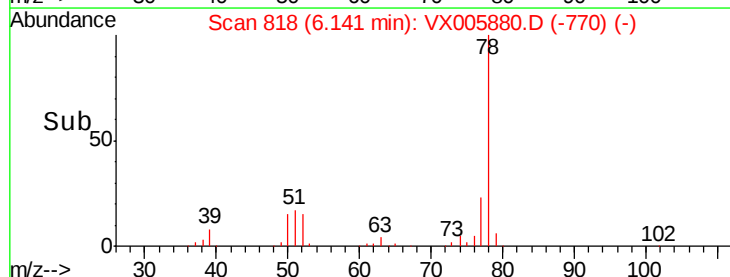
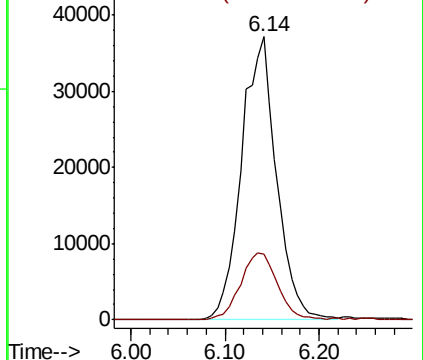


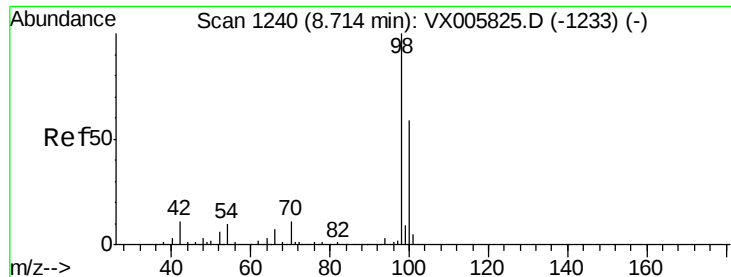
#40
Benzene
Concen: 18.845 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005880.D
Acq: 10 Nov 2018 00:24

Tgt Ion: 78 Resp: 96646
Ion Ratio Lower Upper
78 100
77 23.3 18.4 27.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

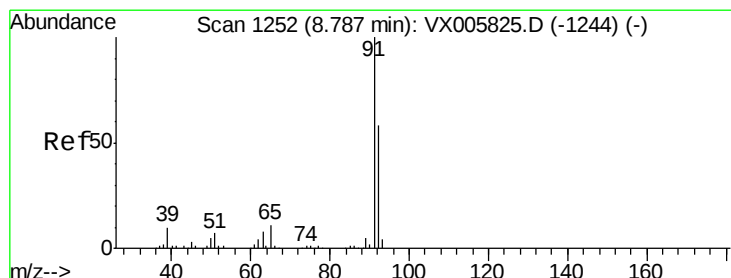
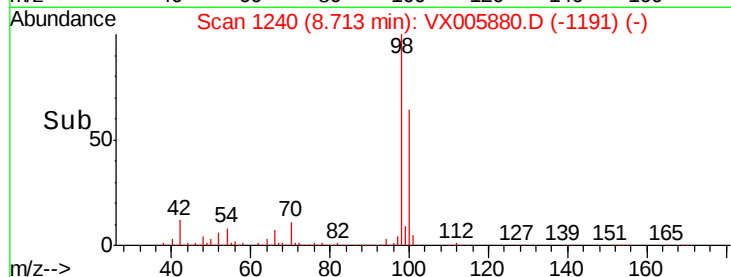
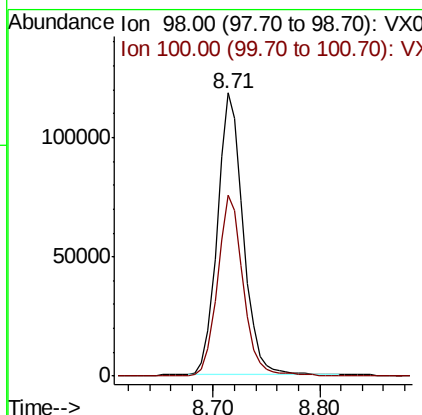
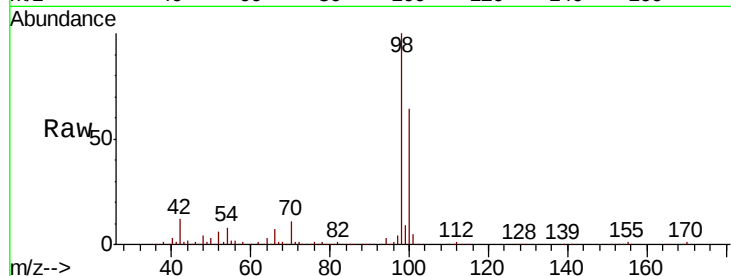




#50
Toluene-d8
Concen: 48.184 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005880.D
Acq: 10 Nov 2018 00:24

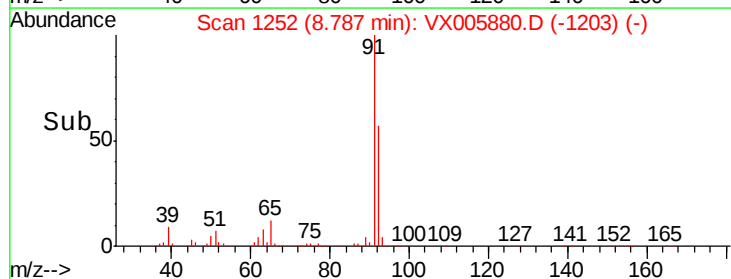
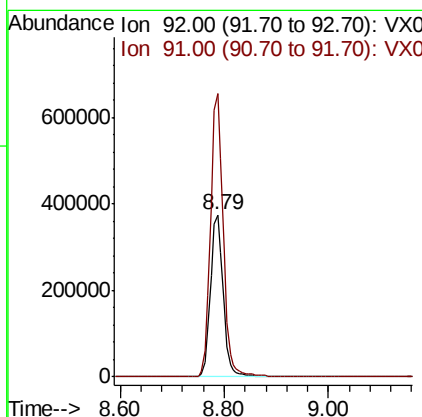
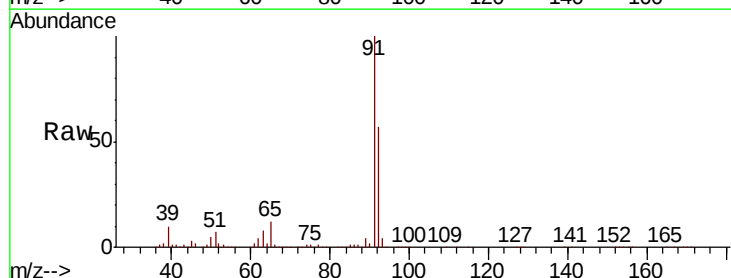
Instrument :
MSVOA_X
ClientSampled :
WALL-C

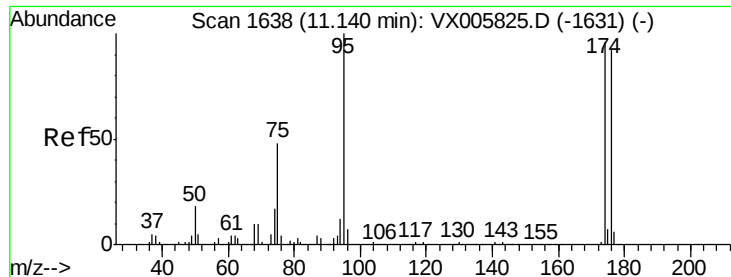
Tot Ion: 98 Resp: 198826
Ion Ratio Lower Upper
98 100
100 64.3 51.3 76.9



#52
Toluene
Concen: 222.045 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005880.D
Acq: 10 Nov 2018 00:24

Tgt Ion: 92 Resp: 636432
Ion Ratio Lower Upper
92 100
91 174.4 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 51.933 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

WALL-C

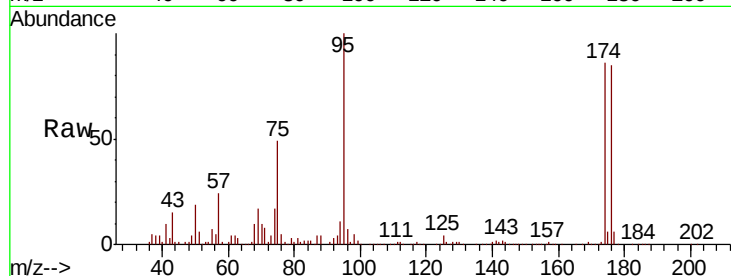
Tot Ion: 95 Resp: 77046

Ion Ratio Lower Upper

95 100

174 87.4 0.0 184.4

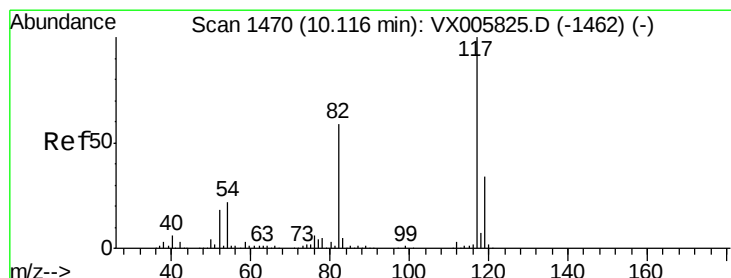
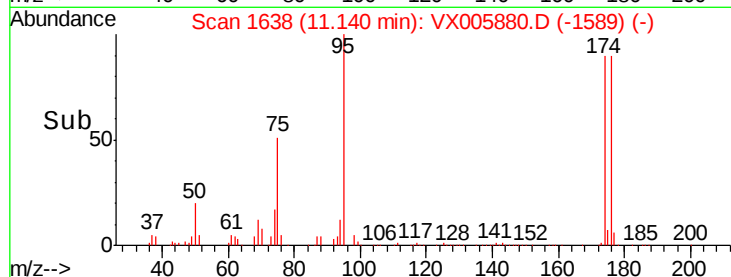
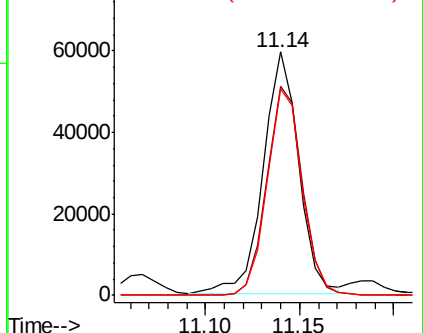
176 85.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005825.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005825.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005825.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

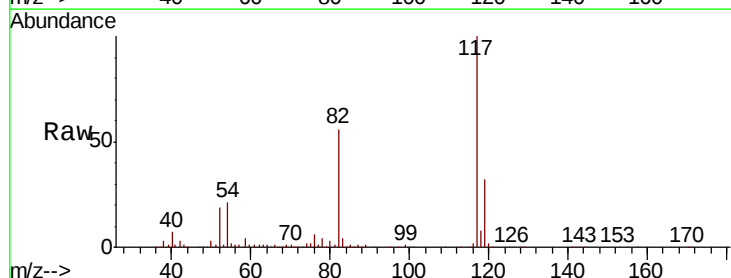
Tgt Ion: 117 Resp: 152381

Ion Ratio Lower Upper

117 100

82 56.2 44.1 66.1

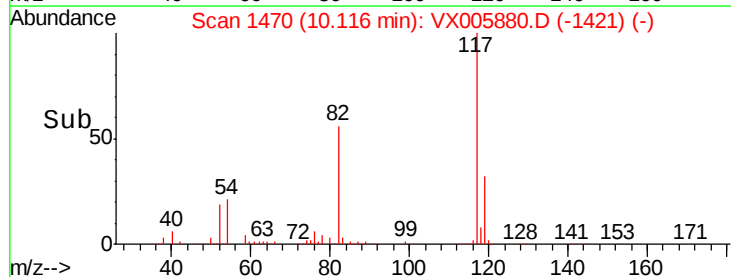
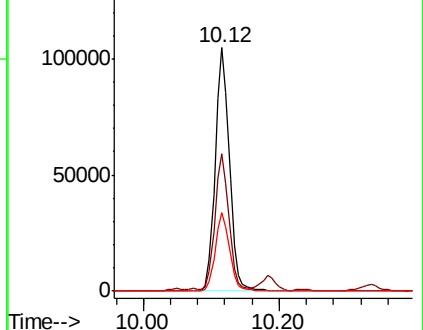
119 32.0 26.2 39.2

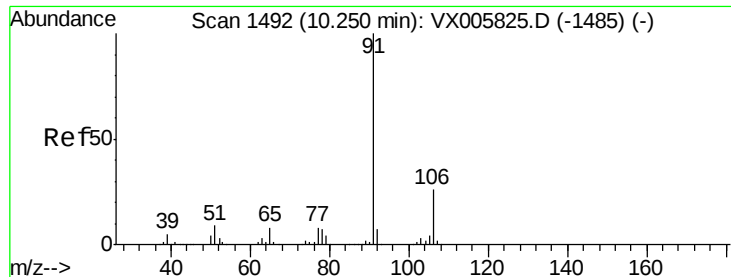


Abundance Ion 116.90 (116.60 to 117.60): VX005825.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005825.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005825.D (-1462) (-)





#67

Ethyl Benzene

Concen: 69.269 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

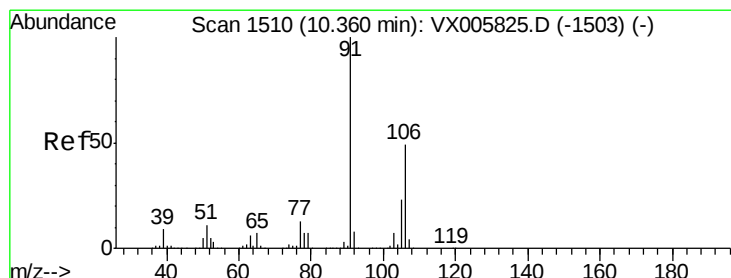
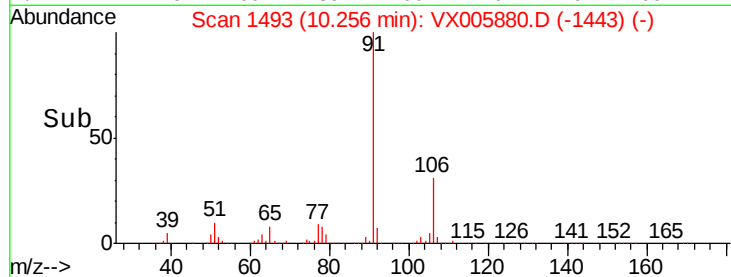
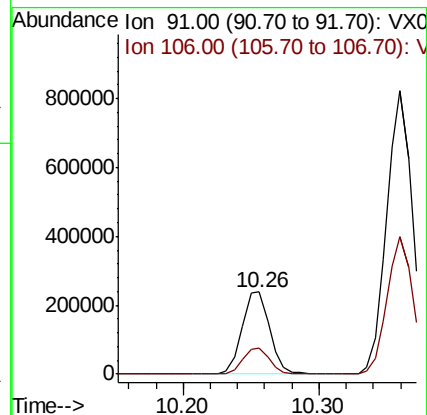
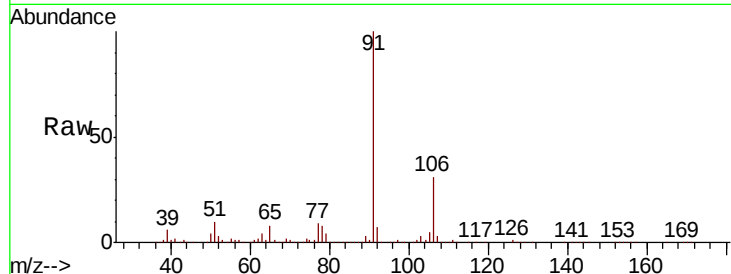
WALL-C

Tot Ion: 91 Resp: 339075

Ion Ratio Lower Upper

91 100

106 31.1 24.4 36.6



#68

m/p-Xylenes

Concen: 284.891 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005880.D

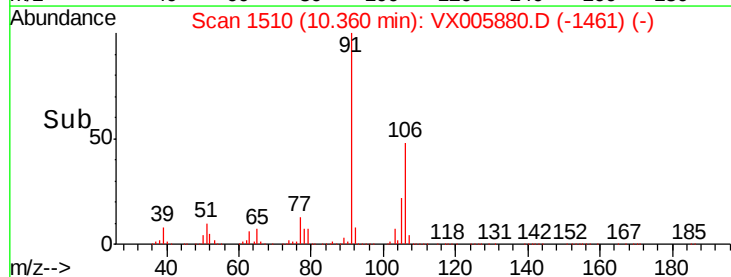
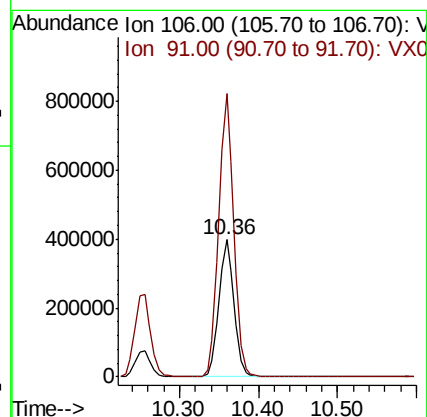
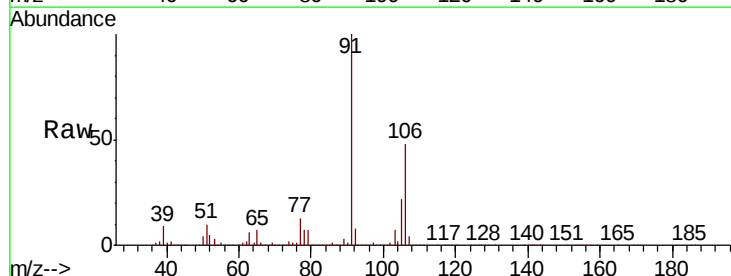
Acq: 10 Nov 2018 00:24

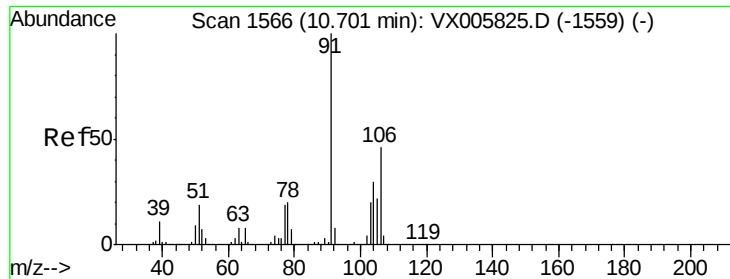
Tgt Ion: 106 Resp: 531936

Ion Ratio Lower Upper

106 100

91 206.4 164.2 246.4

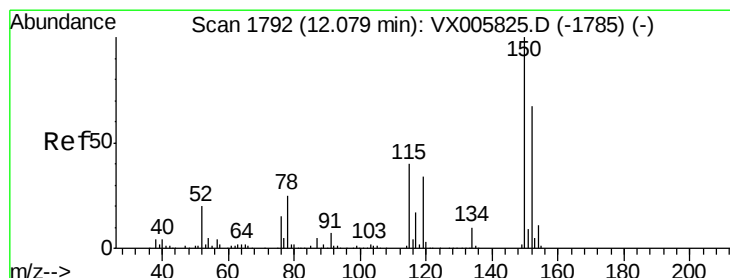
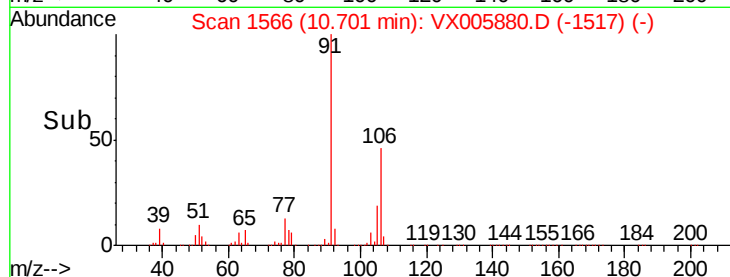
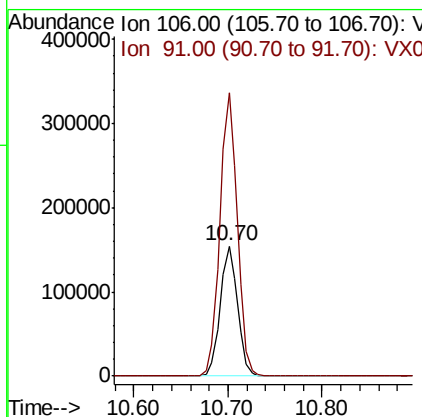
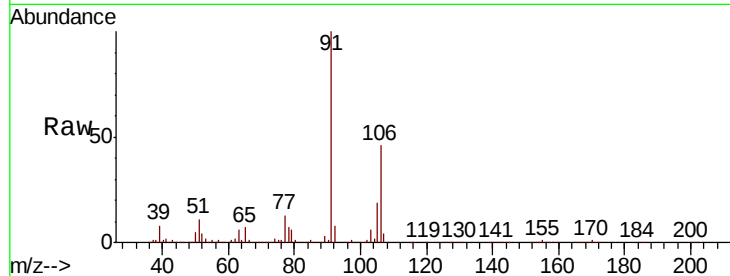




#69
o-Xylene
Concen: 117.845 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005880.D
Acq: 10 Nov 2018 00:24

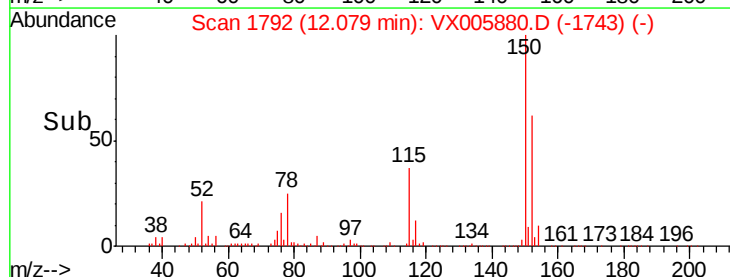
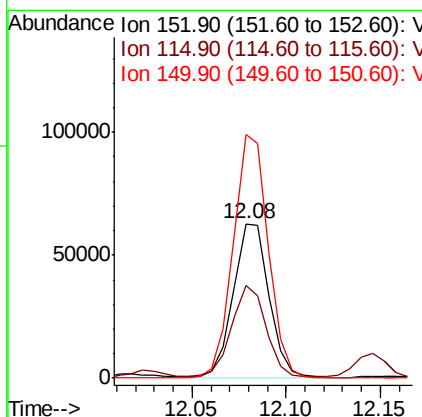
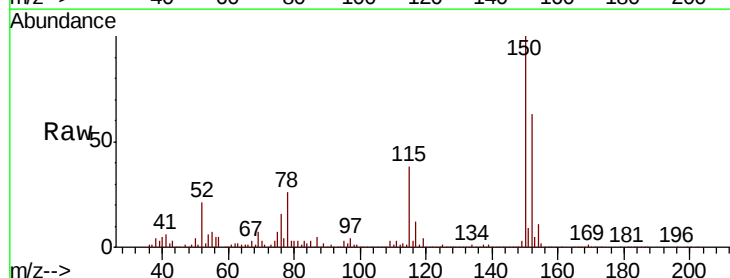
Instrument :
MSVOA_X
ClientSampleId :
WALL-C

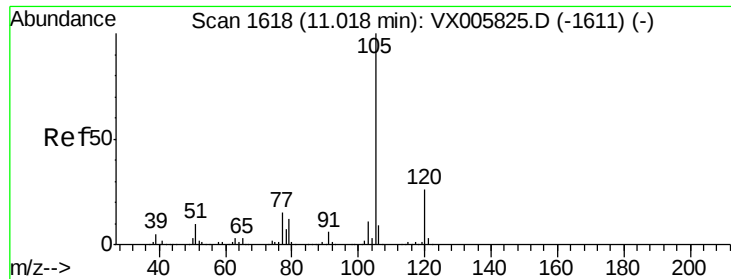
Tot Ion:106 Resp: 197305
Ion Ratio Lower Upper
106 100
91 217.4 108.5 325.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005880.D
Acq: 10 Nov 2018 00:24

Tgt Ion:152 Resp: 81773
Ion Ratio Lower Upper
152 100
115 57.5 39.4 118.1
150 155.7 0.0 346.4





#73

Isopropylbenzene

Concen: 15.792 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

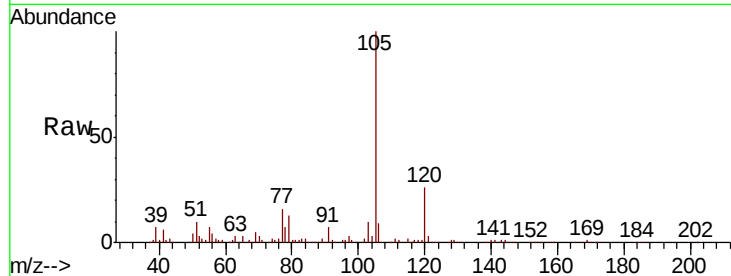
WALL-C

Tot Ion:105 Resp: 74680

Ion Ratio Lower Upper

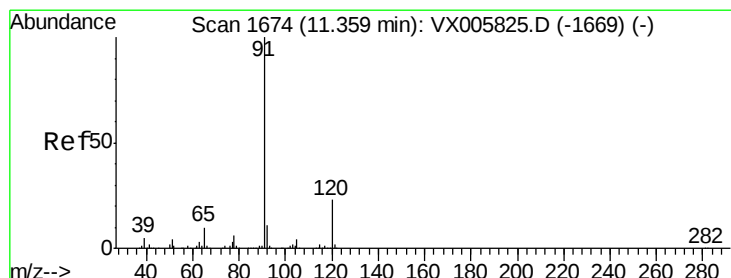
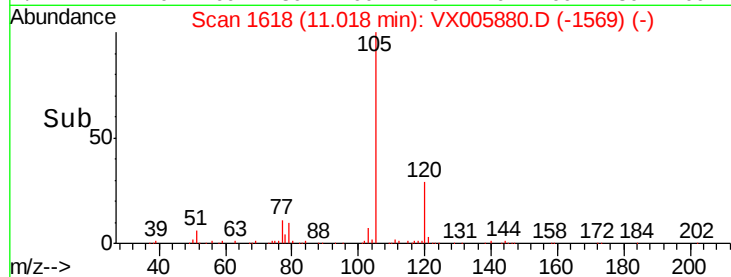
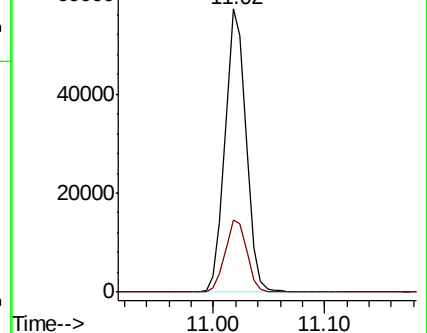
105 100

120 26.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 47.550 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005880.D

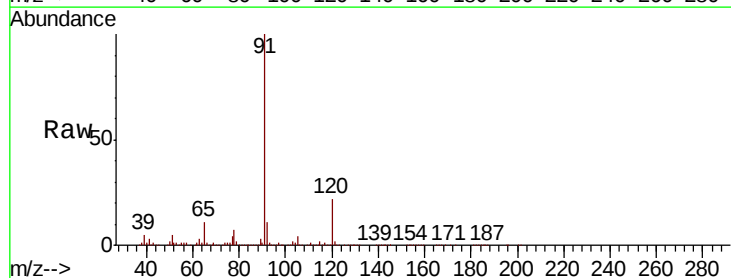
Acq: 10 Nov 2018 00:24

Tgt Ion: 91 Resp: 264999

Ion Ratio Lower Upper

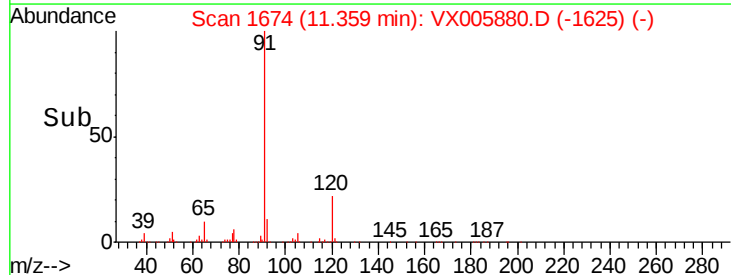
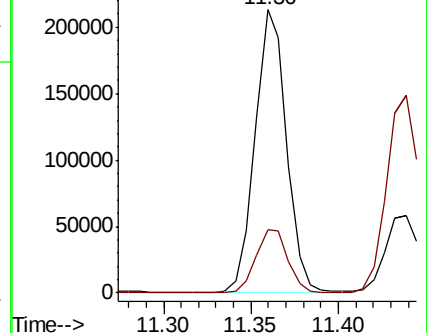
91 100

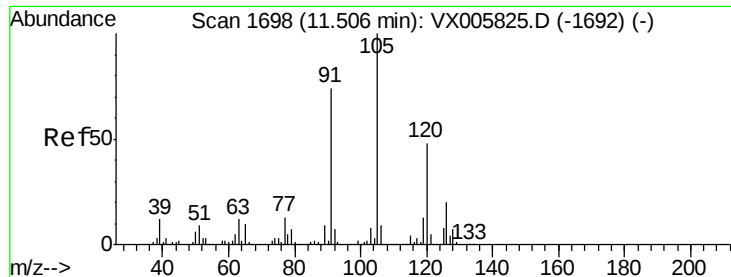
120 23.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

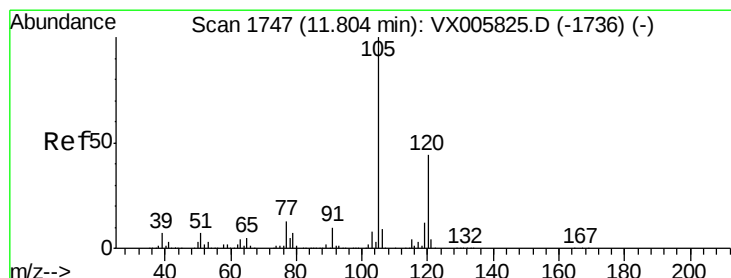
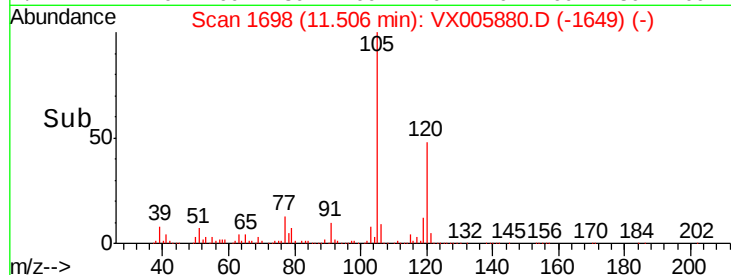
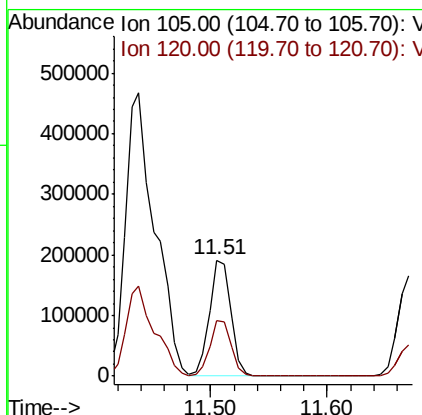
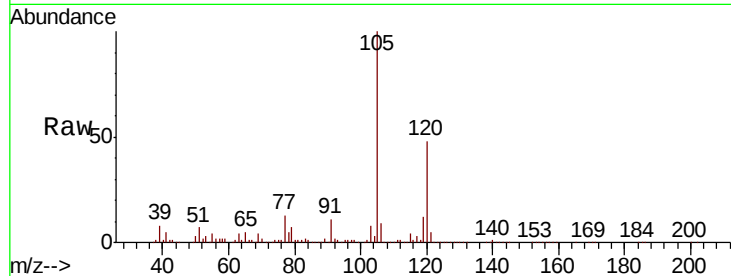




#80
 1,3,5-Trimethylbenzene
 Concen: 59.683 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005880.D
 Acq: 10 Nov 2018 00:24

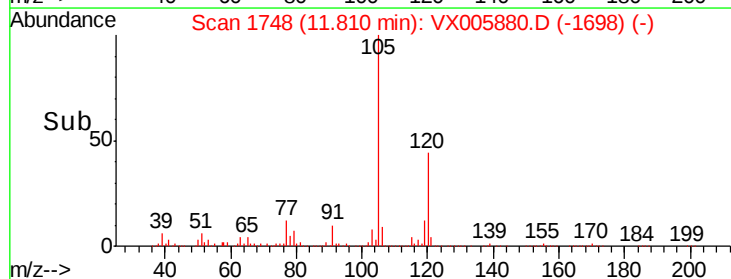
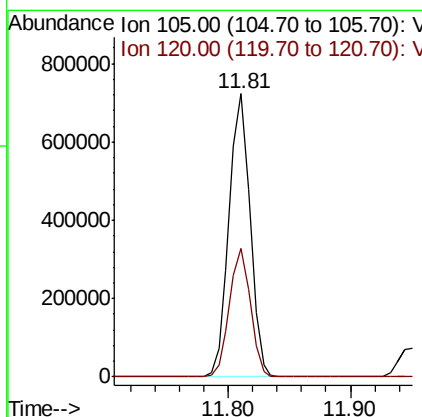
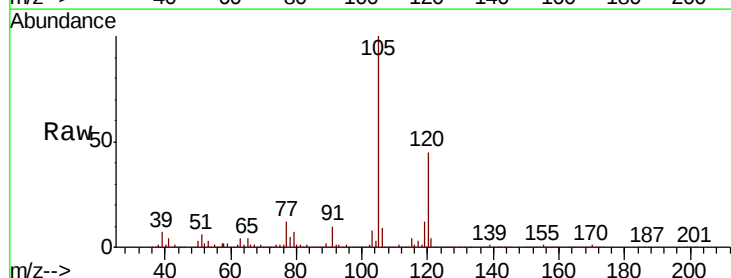
Instrument :
 MSVOA_X
 ClientSampleId :
 WALL-C

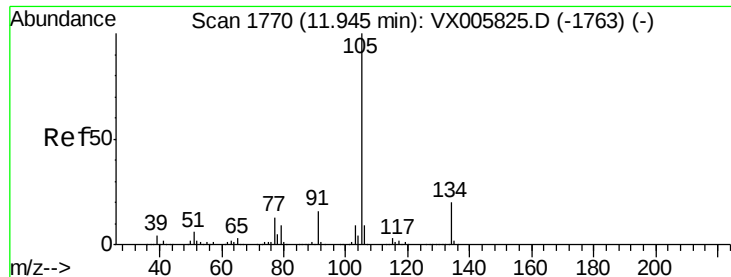
Tot Ion:105 Resp: 239840
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.2



#84
 1,2,4-Trimethylbenzene
 Concen: 194.078 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005880.D
 Acq: 10 Nov 2018 00:24

Tgt Ion:105 Resp: 859163
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.0





#85

sec-Butylbenzene

Concen: 18.618 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

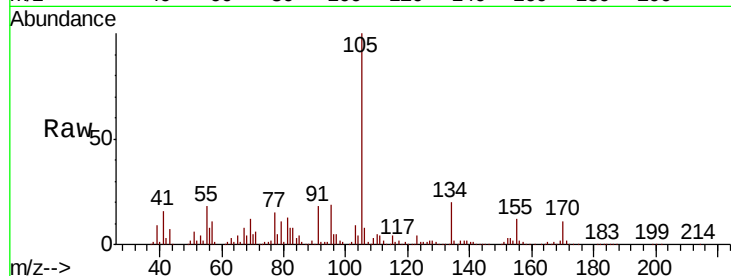
WALL-C

Tot Ion:105 Resp: 92557

Ion Ratio Lower Upper

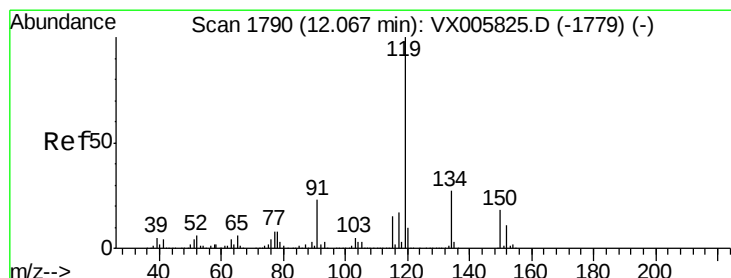
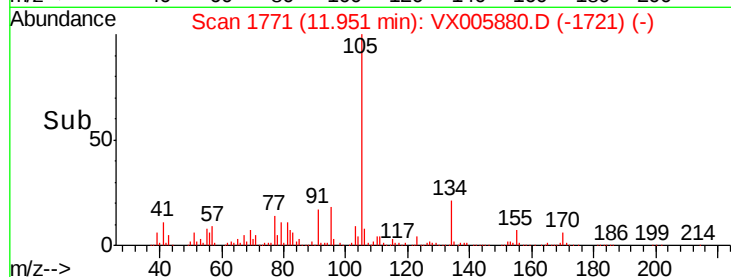
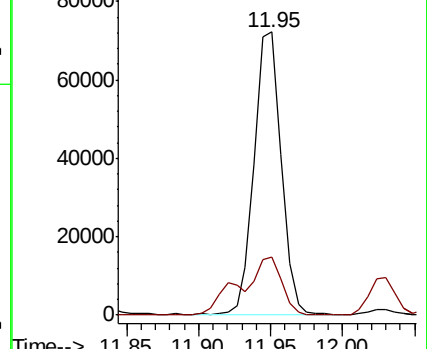
105 100

134 31.5 10.2 30.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.490 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

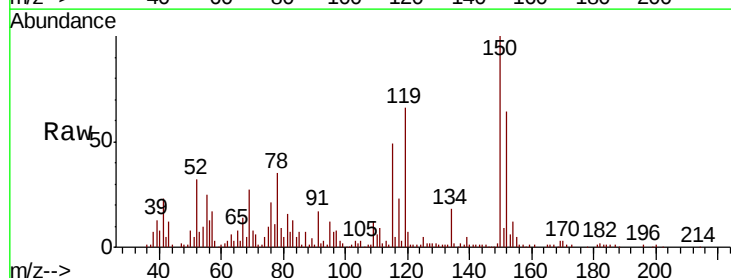
Tgt Ion:119 Resp: 15368

Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

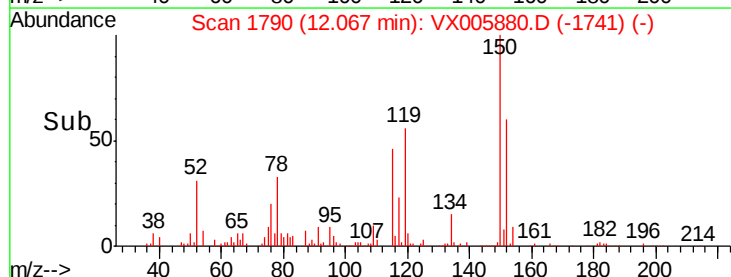
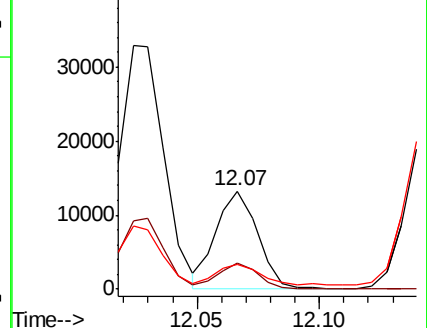
91 21.9 11.4 34.2

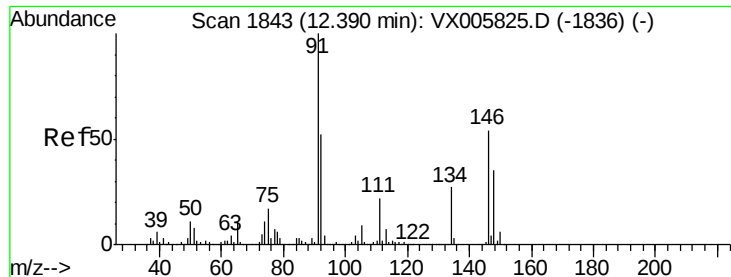


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 34.879 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Instrument :

MSVOA_X

ClientSampleId :

WALL-C

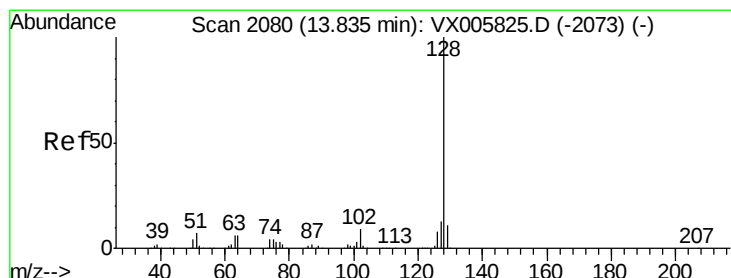
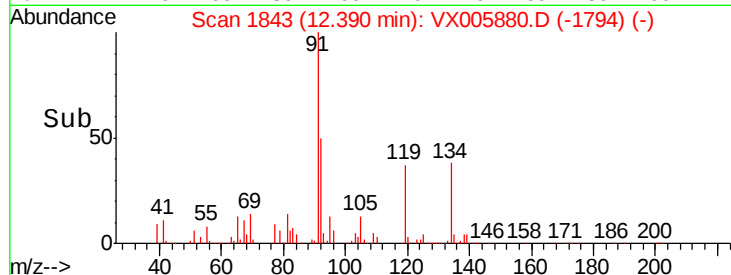
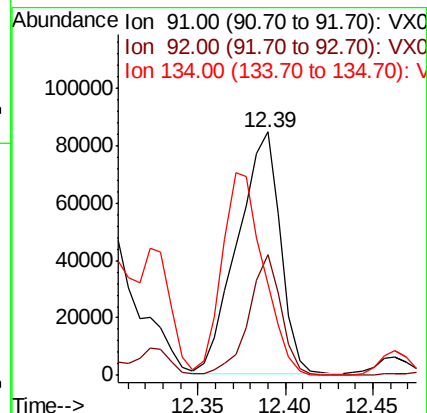
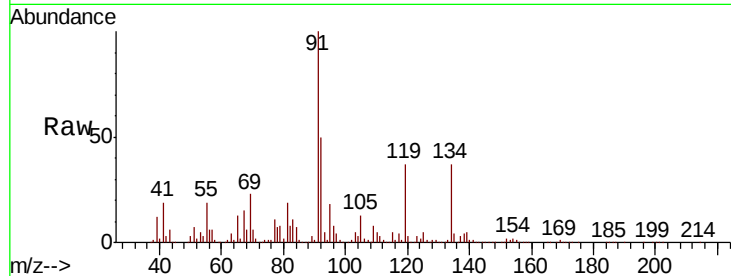
Tot Ion: 91 Resp: 142351

Ion Ratio Lower Upper

91 100

92 37.7 26.1 78.2

134 81.6 13.1 39.3#



#95

Naphthalene

Concen: 73.253 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005880.D

Acq: 10 Nov 2018 00:24

Tgt Ion: 128 Resp: 434252

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 13.2 8.7 13.1#

