

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052919\
 Data File : VW010597.D
 Acq On : 29 May 2019 18:04
 Operator : SY/VA
 Sample : K3065-09RE
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-13-1.5-2.0RE

Quant Time: May 30 08:44:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	19186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	31480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	26628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11316	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	9182	46.37	ug/l	0.00
Spiked Amount			Recovery	=	92.74%	
35) Dibromofluoromethane	7.88	113	9052	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
50) Toluene-d8	10.32	98	38747	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.62	95	13724	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	

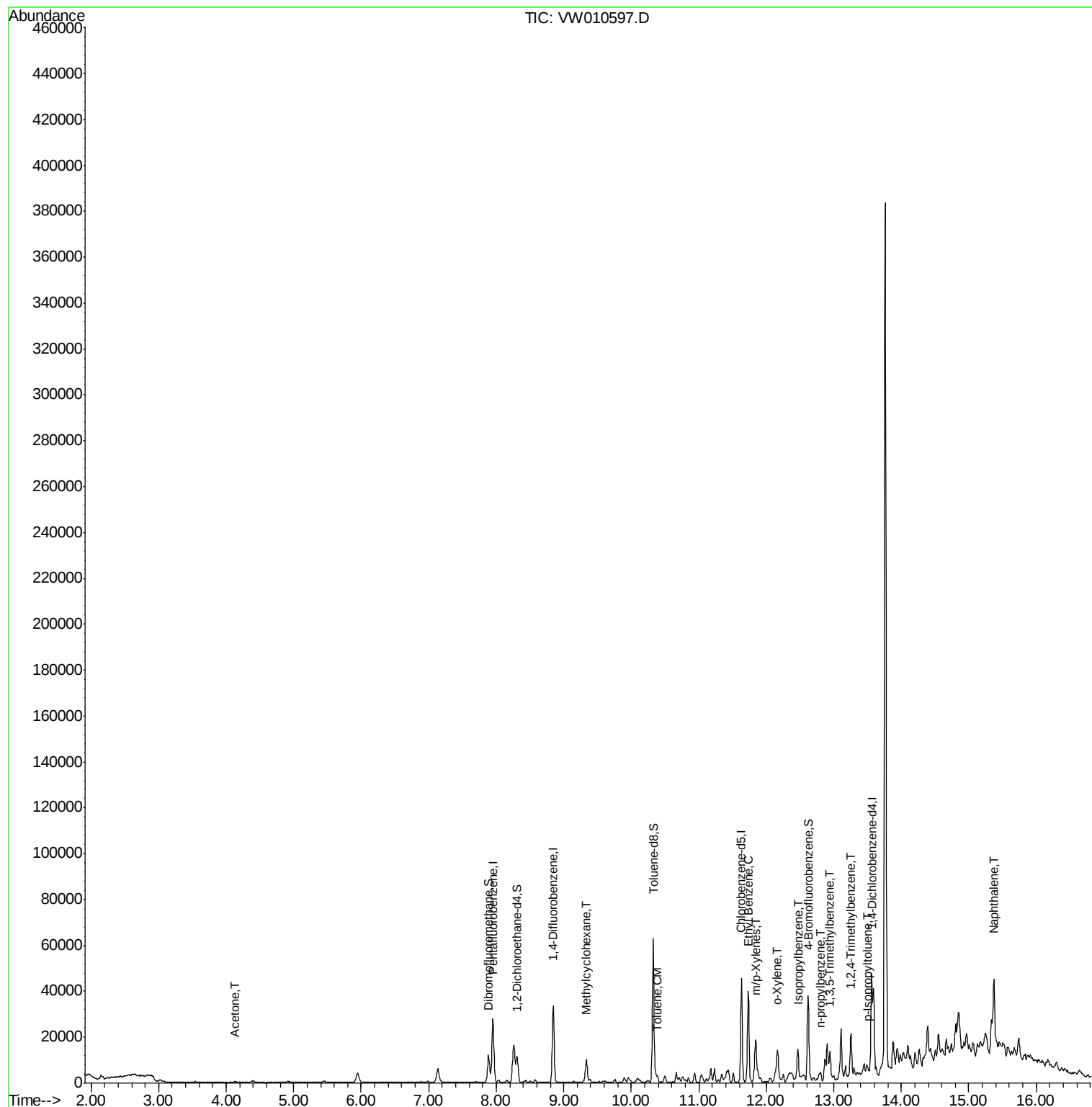
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	1160	28.697	ug/l	100
39) Methylcyclohexane	9.34	83	3879	9.873	ug/l	91
52) Toluene	10.39	92	1342	2.452	ug/l	96
67) Ethyl Benzene	11.73	91	28539	28.483	ug/l	99
68) m/p-Xylenes	11.84	106	5180	13.181	ug/l	97
69) o-Xylene	12.17	106	3721	9.993	ug/l	99
73) Isopropylbenzene	12.47	105	8887	9.897	ug/l	97
78) n-propylbenzene	12.80	91	3033	2.898	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	4014	5.278	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	10678	14.097	ug/l	99
86) p-Isopropyltoluene	13.50	119	1022	1.215	ug/l #	77
95) Naphthalene	15.37	128	29719	57.926	ug/l	99

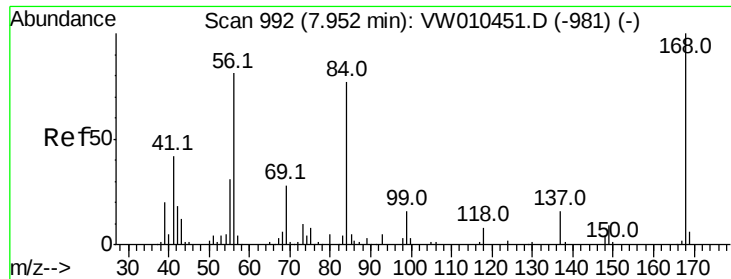
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052919\
Data File : VW010597.D
Acq On : 29 May 2019 18:04
Operator : SY/VA
Sample : K3065-09RE
Misc : 5.09G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0RE

Quant Time: May 30 08:44:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

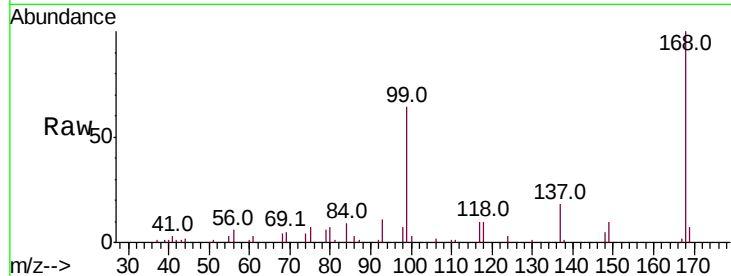
Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0RE

Tot Ion:168 Resp: 19186

Ion Ratio Lower Upper

168 100

99 64.4 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

10000

8000

6000

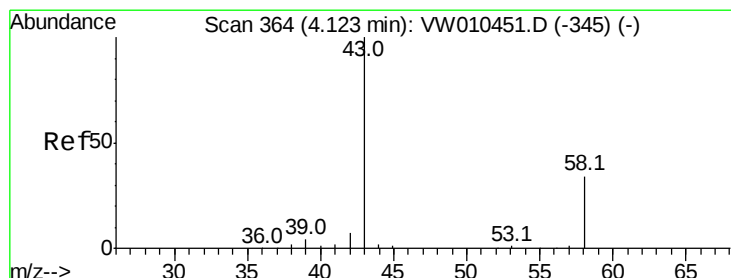
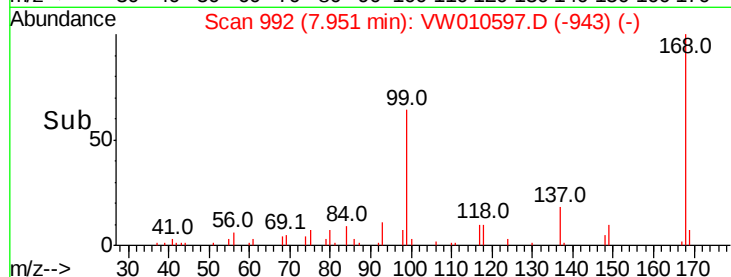
4000

2000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 28.697 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010597.D

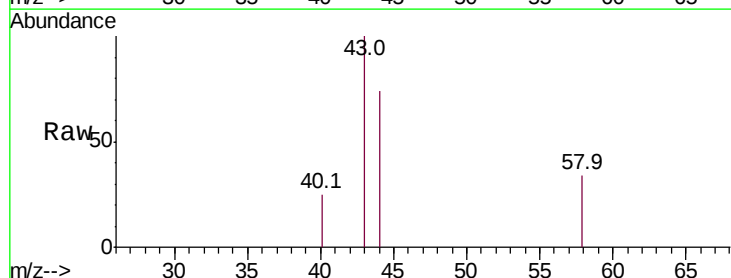
Acq: 29 May 2019 18:04

Tgt Ion: 43 Resp: 1160

Ion Ratio Lower Upper

43 100

58 33.5 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

300

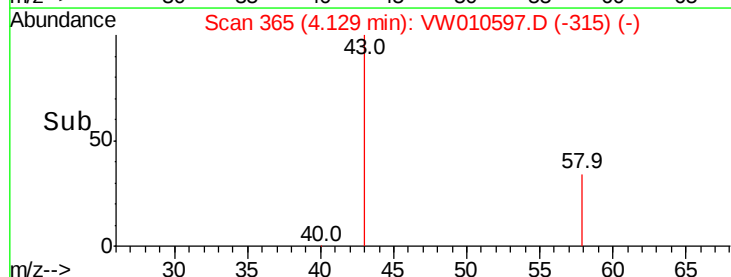
200

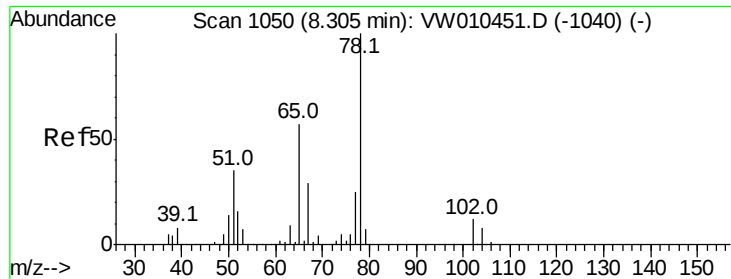
100

0

Time-->

4.05 4.10 4.15 4.20 4.25





#33

1,2-Dichloroethane-d4

Concen: 46.366 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

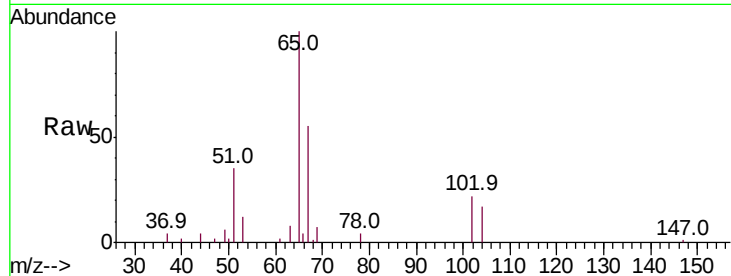
B-13-1.5-2.0RE

Tot Ion: 65 Resp: 9182

Ion Ratio Lower Upper

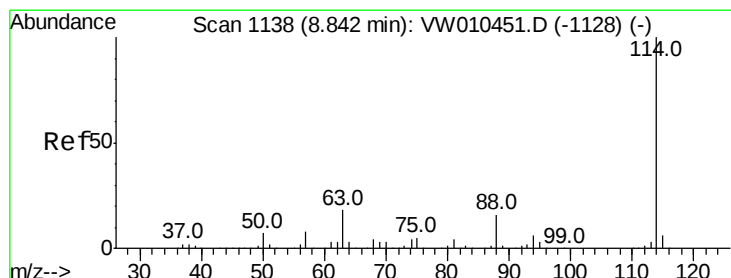
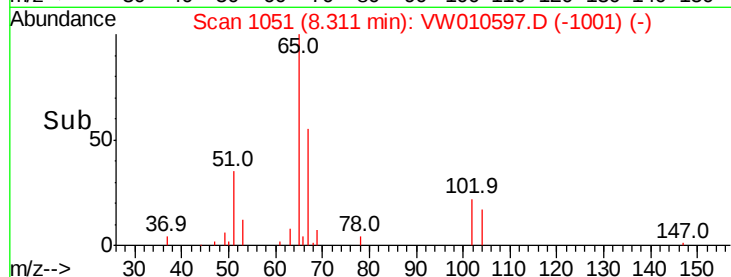
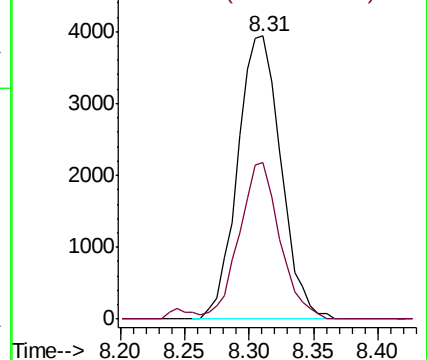
65 100

67 51.9 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

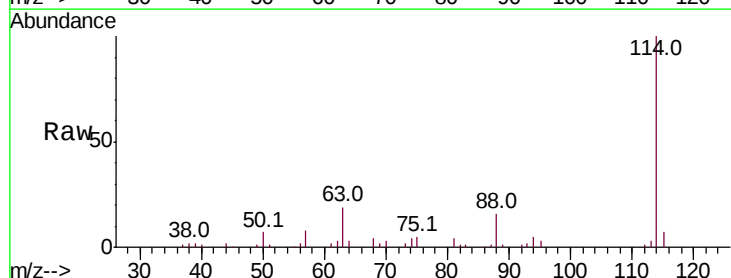
Tgt Ion: 114 Resp: 31480

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.0

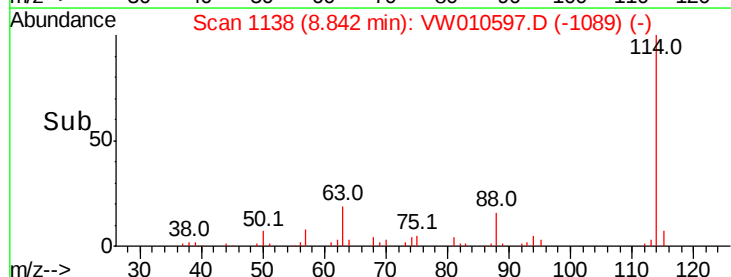
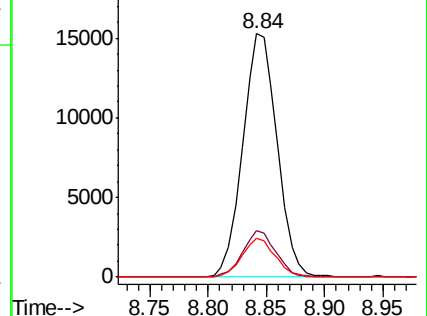
88 15.8 0.0 32.0

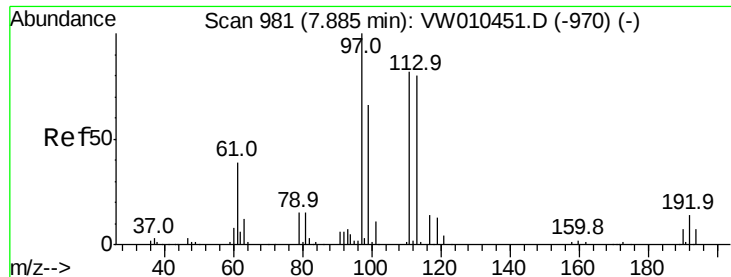


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

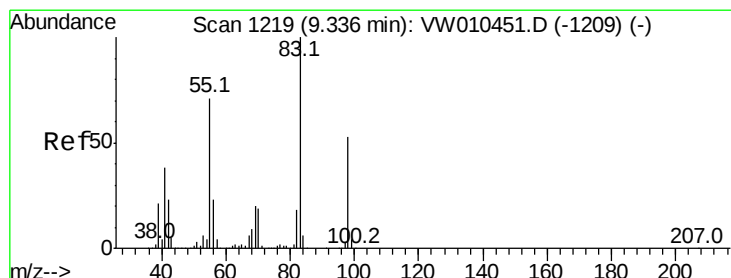
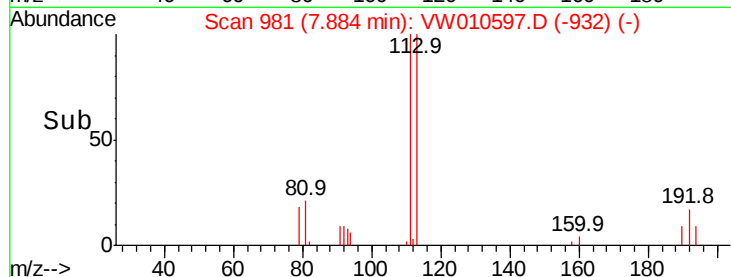
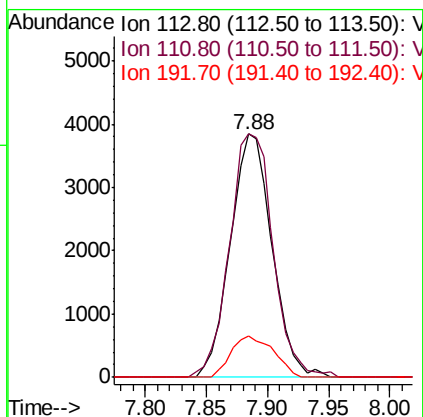
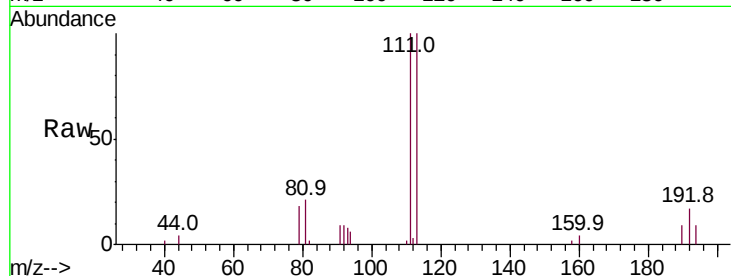




#35
 Dibromofluoromethane
 Concen: 47.389 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010597.D
 Acq: 29 May 2019 18:04

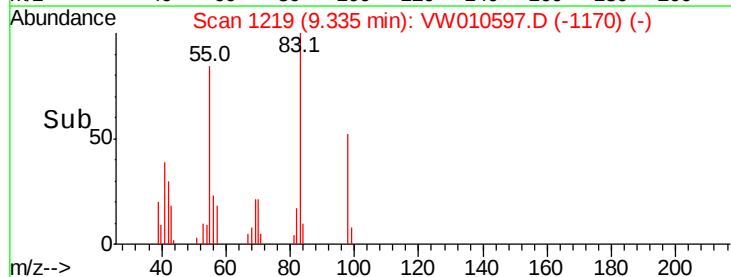
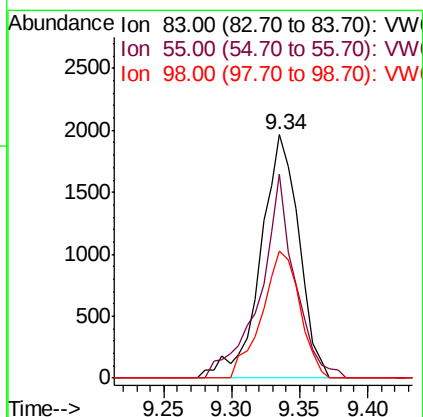
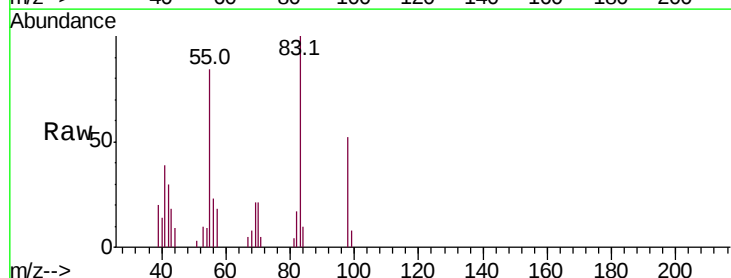
Instrument :
 MSVOA_W
 ClientSampleId :
 B-13-1.5-2.0RE

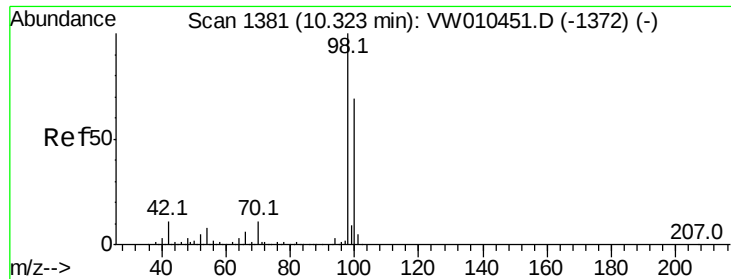
Tot Ion:113 Resp: 9052
 Ion Ratio Lower Upper
 113 100
 111 104.9 82.2 123.4
 192 17.3 14.3 21.5



#39
 Methylcyclohexane
 Concen: 9.873 ug/l
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW010597.D
 Acq: 29 May 2019 18:04

Tgt Ion: 83 Resp: 3879
 Ion Ratio Lower Upper
 83 100
 55 83.9 57.0 85.6
 98 52.2 42.0 63.0





#50

Toluene-d8

Concen: 53.098 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

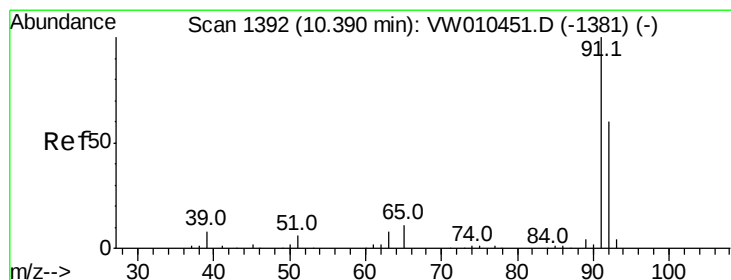
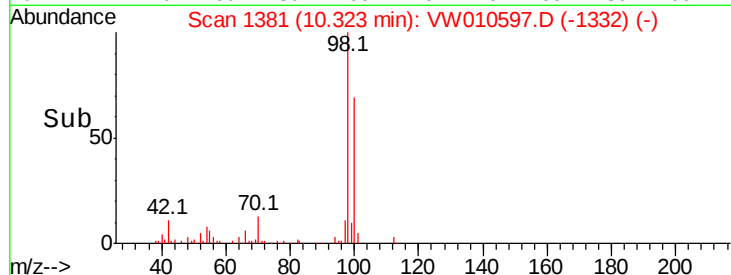
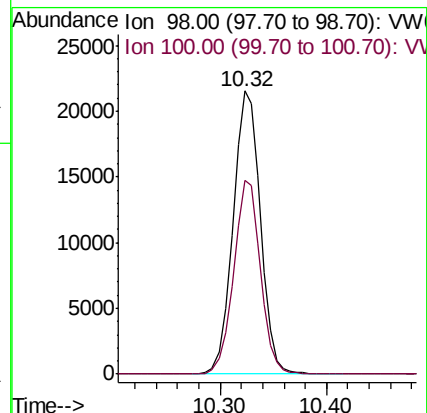
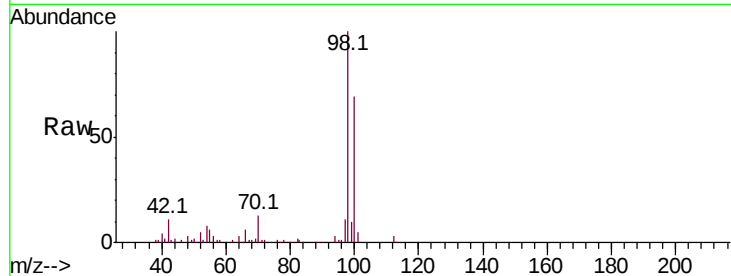
B-13-1.5-2.0RE

Tot Ion: 98 Resp: 38747

Ion Ratio Lower Upper

98 100

100 66.8 53.7 80.5



#52

Toluene

Concen: 2.452 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010597.D

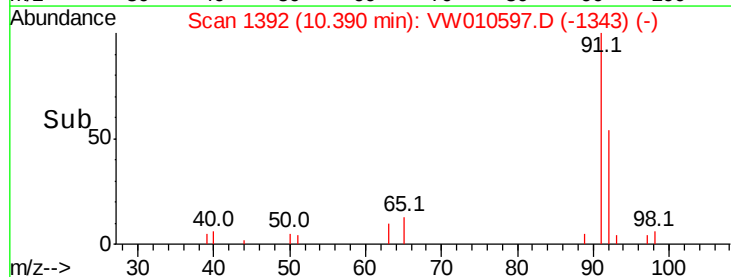
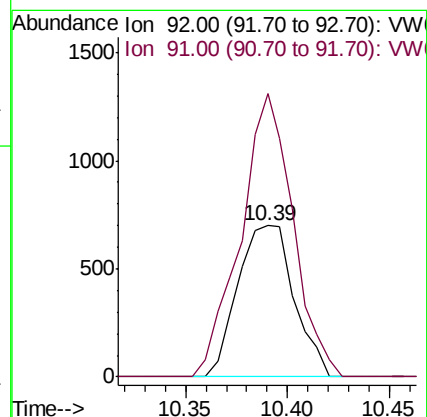
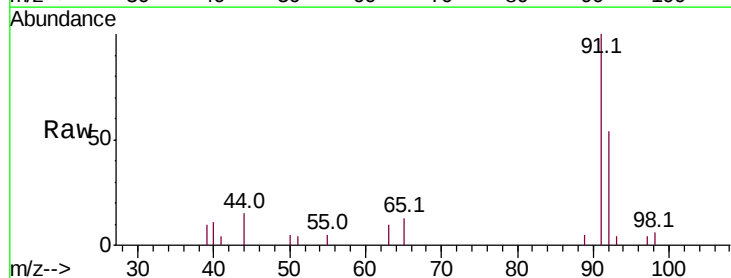
Acq: 29 May 2019 18:04

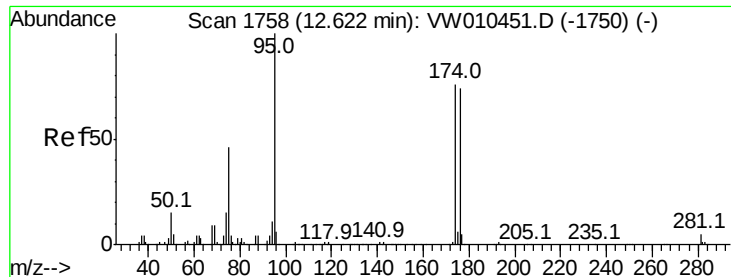
Tgt Ion: 92 Resp: 1342

Ion Ratio Lower Upper

92 100

91 174.4 135.4 203.0

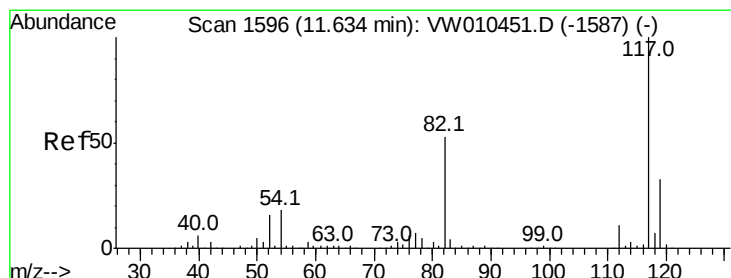
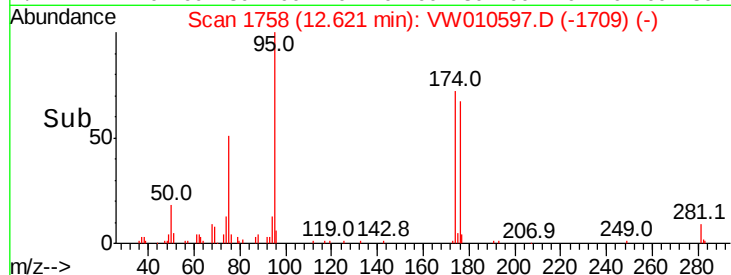
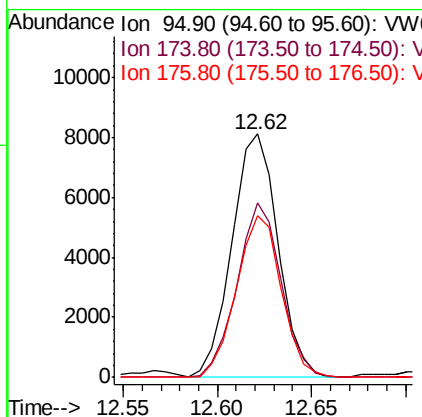
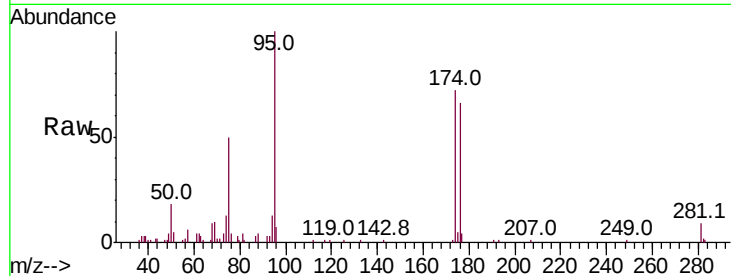




#62
4-Bromofluorobenzene
Concen: 47.217 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

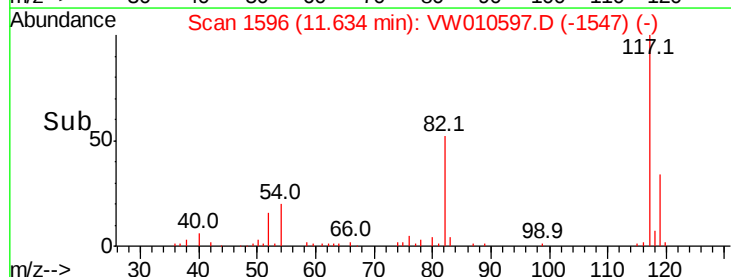
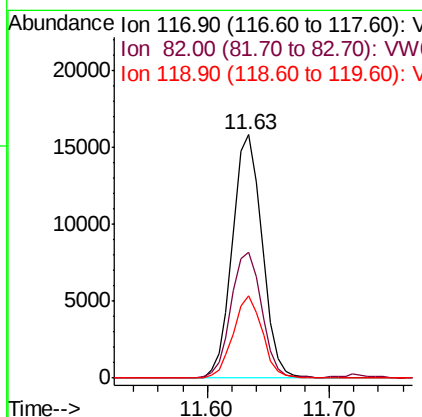
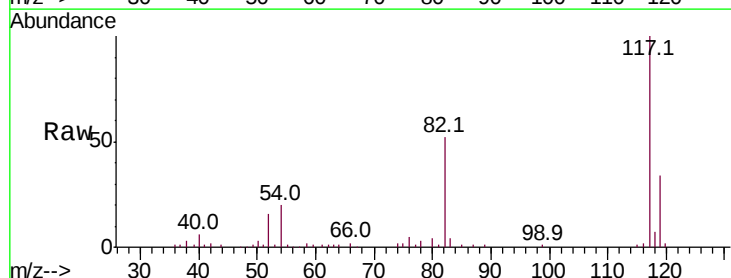
Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0RE

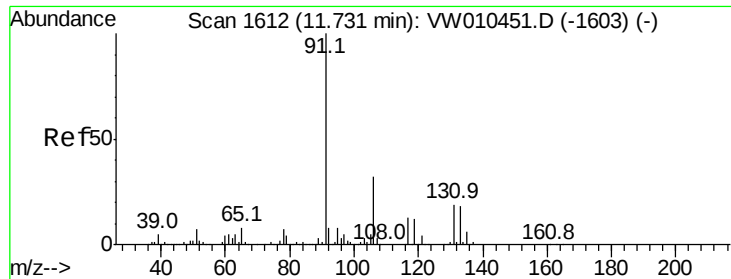
Tot Ion: 95 Resp: 13724
Ion Ratio Lower Upper
95 100
174 68.6 0.0 148.6
176 64.7 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

Tgt Ion: 117 Resp: 26628
Ion Ratio Lower Upper
117 100
82 51.9 42.8 64.2
119 34.0 26.3 39.5





#67

Ethyl Benzene

Concen: 28.483 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

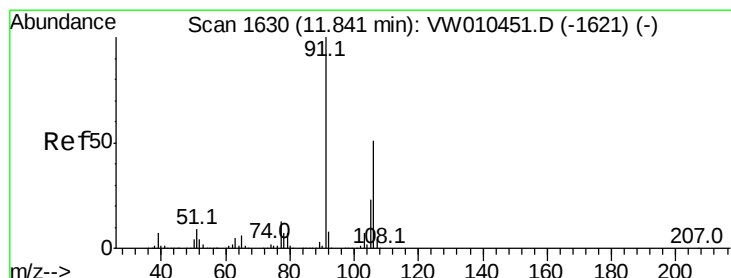
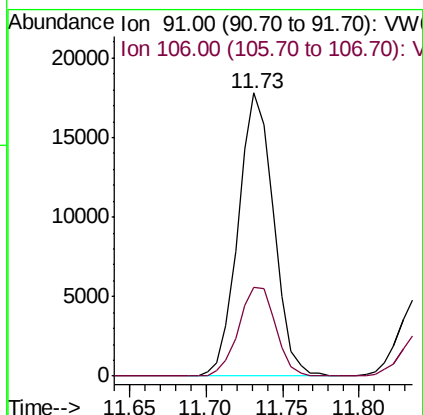
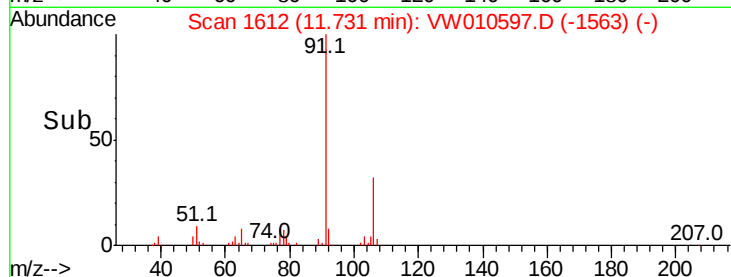
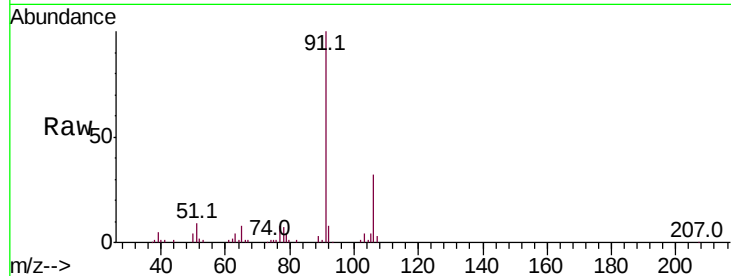
B-13-1.5-2.0RE

Tot Ion: 91 Resp: 28539

Ion Ratio Lower Upper

91 100

106 31.6 25.9 38.9



#68

m/p-Xylenes

Concen: 13.181 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010597.D

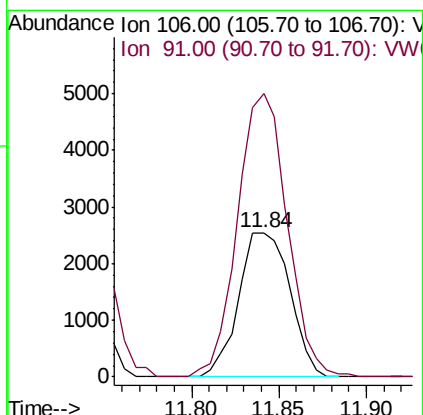
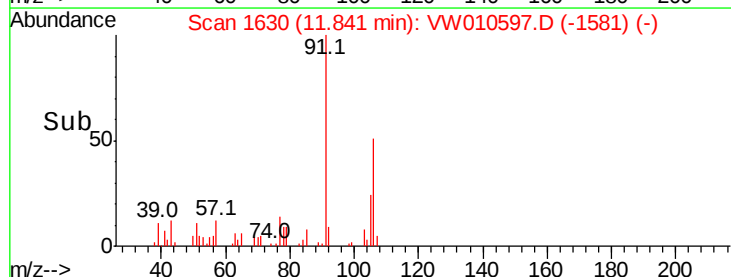
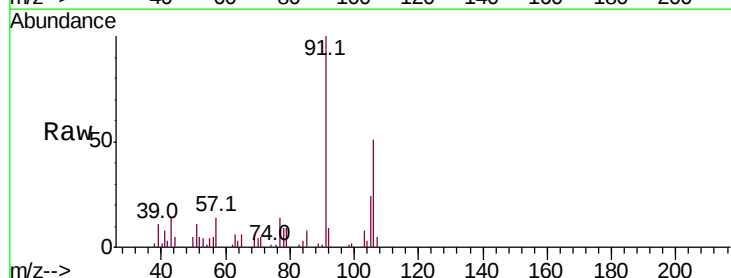
Acq: 29 May 2019 18:04

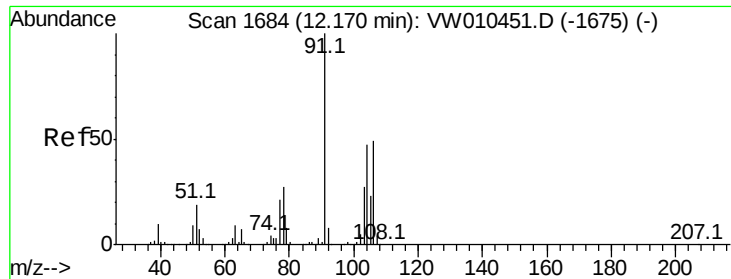
Tgt Ion:106 Resp: 5180

Ion Ratio Lower Upper

106 100

91 191.3 156.0 234.0

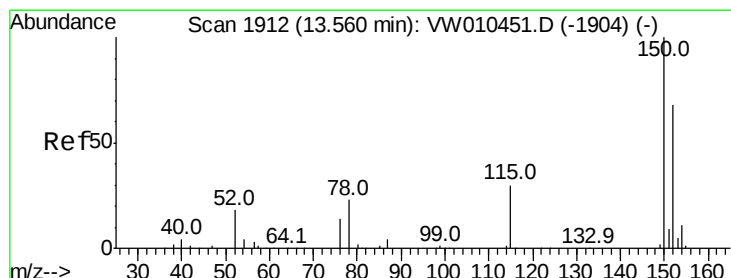
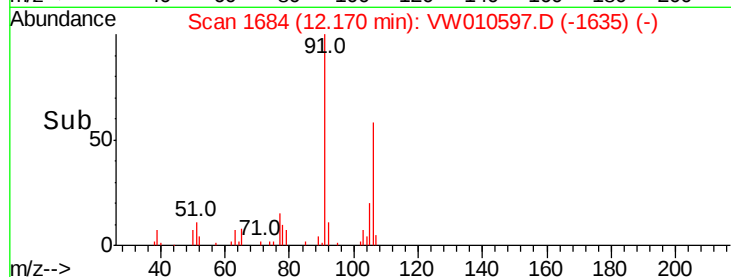
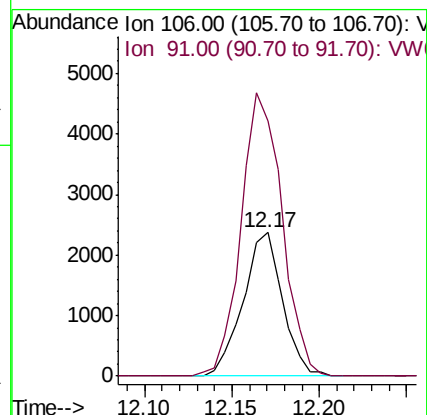
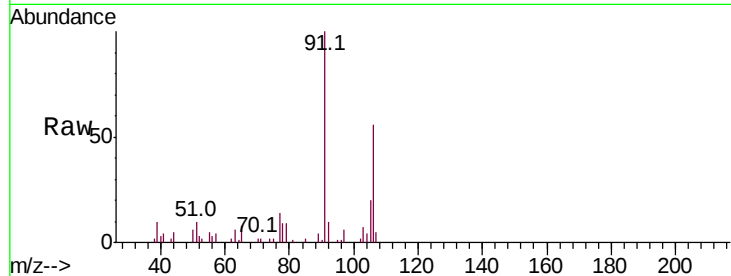




#69
o-Xylene
Concen: 9.993 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

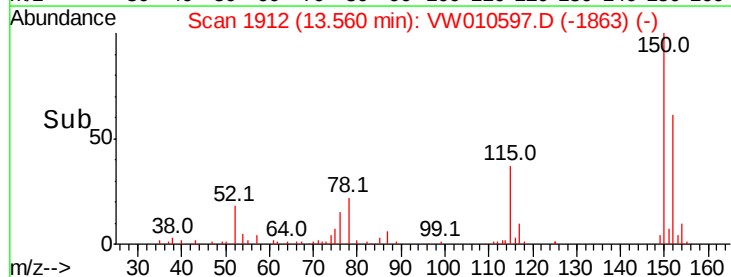
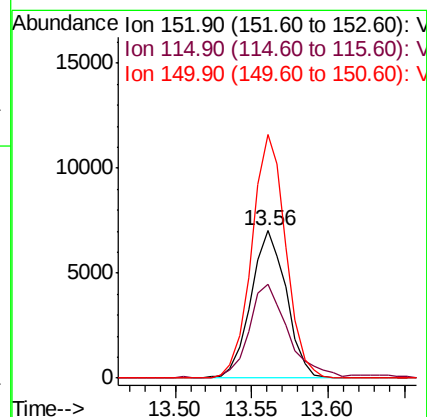
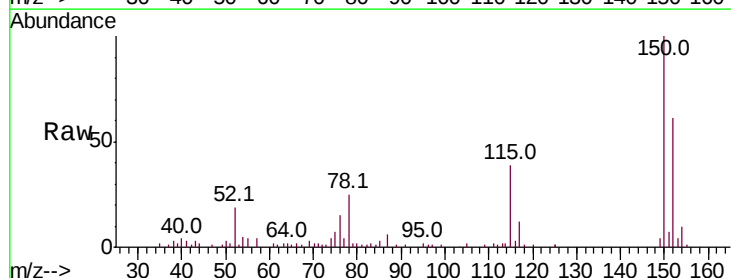
Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0RE

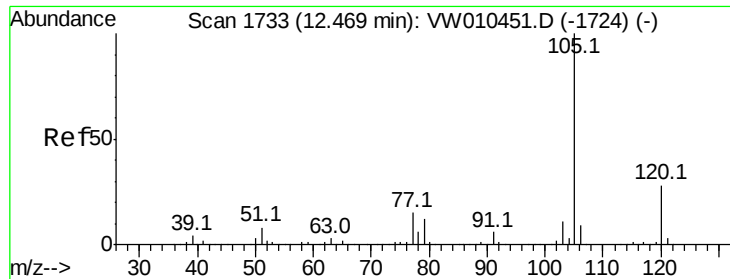
Tot Ion:106 Resp: 3721
Ion Ratio Lower Upper
106 100
91 205.0 103.2 309.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

Tgt Ion:152 Resp: 11316
Ion Ratio Lower Upper
152 100
115 71.0 30.3 91.0
150 158.3 0.0 349.8





#73

Isopropylbenzene

Concen: 9.897 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010597.D

Acq: 29 May 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

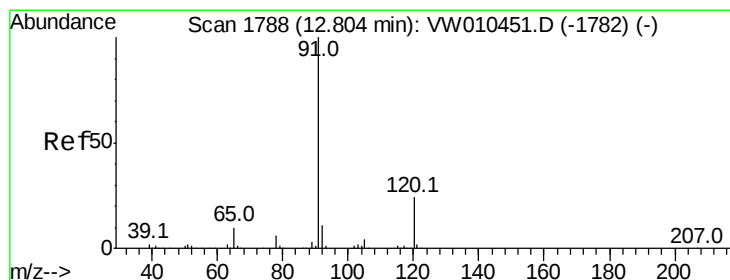
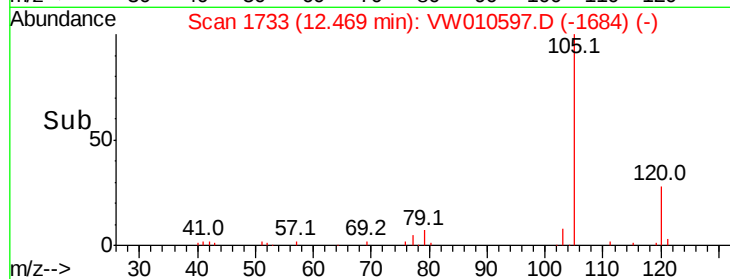
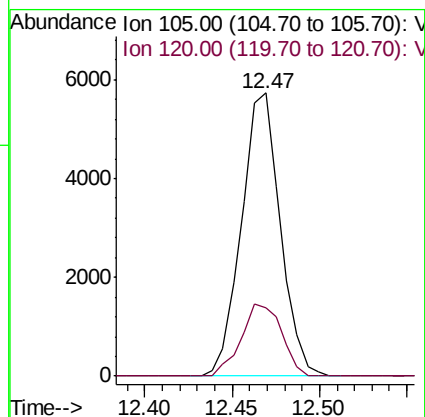
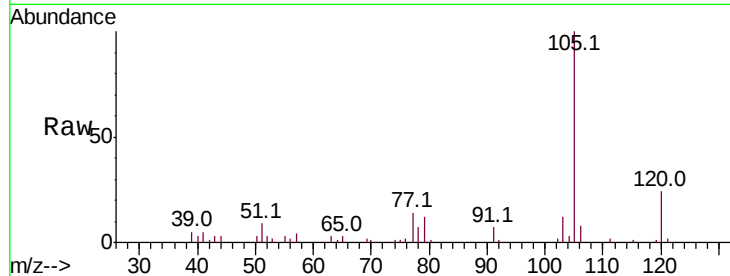
B-13-1.5-2.0RE

Tot Ion:105 Resp: 8887

Ion Ratio Lower Upper

105 100

120 26.5 13.9 41.7



#78

n-propylbenzene

Concen: 2.898 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010597.D

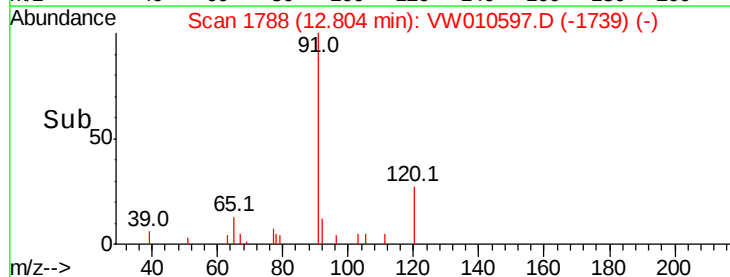
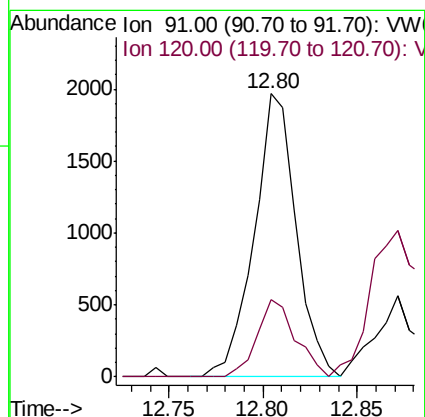
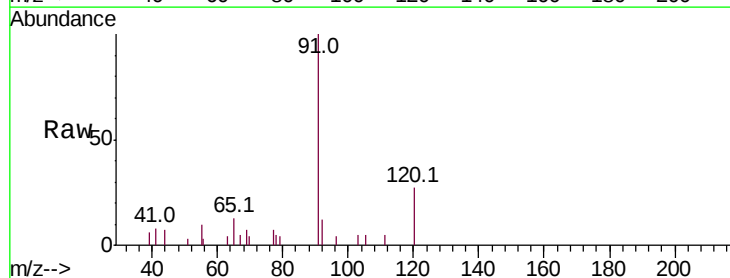
Acq: 29 May 2019 18:04

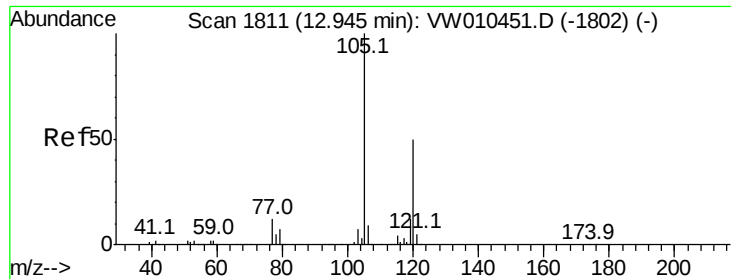
Tgt Ion: 91 Resp: 3033

Ion Ratio Lower Upper

91 100

120 24.9 12.3 36.8

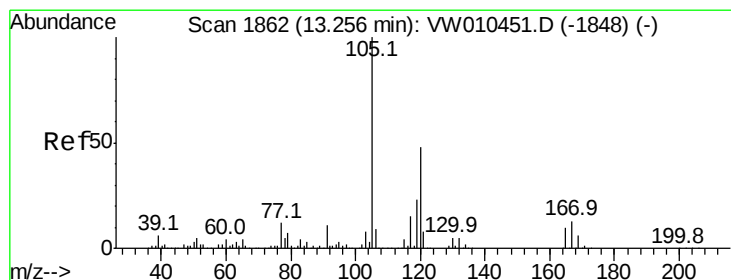
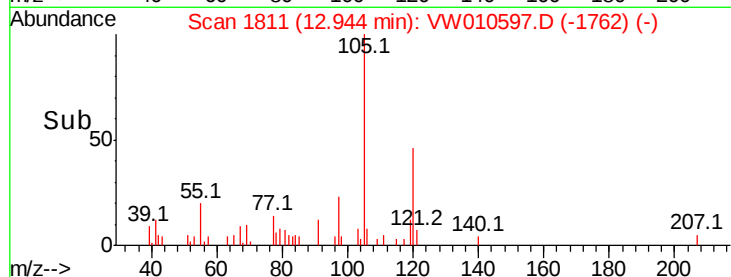
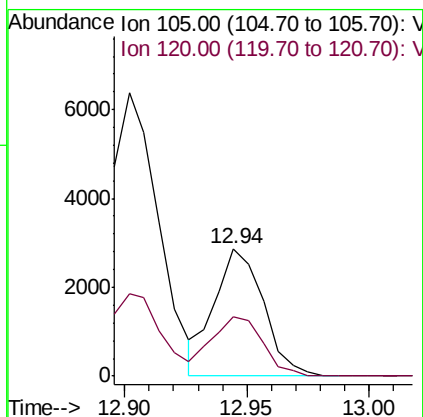
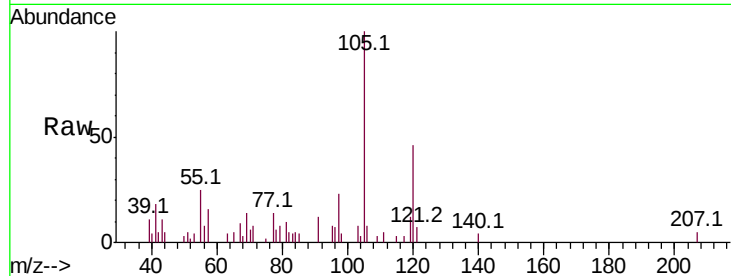




#80
 1,3,5-Trimethylbenzene
 Concen: 5.278 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010597.D
 Acq: 29 May 2019 18:04

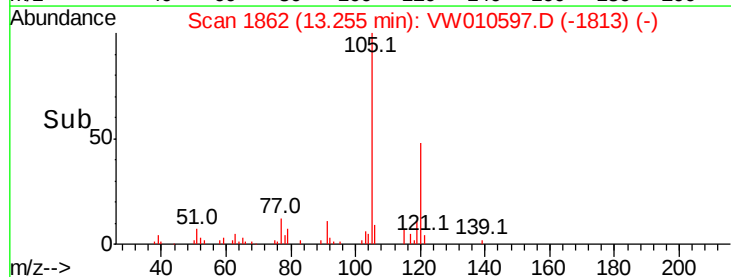
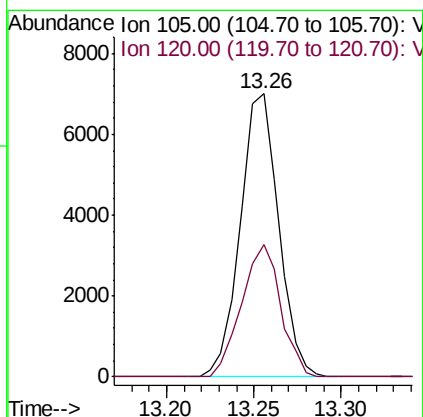
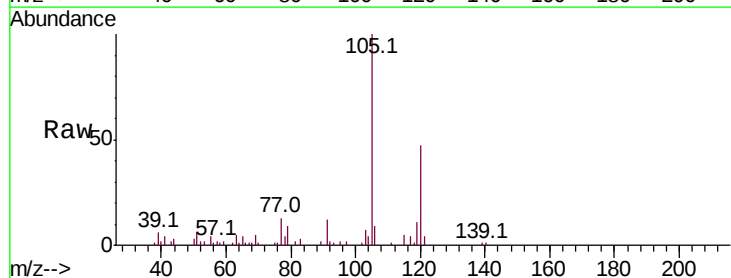
Instrument :
 MSVOA_W
 ClientSampleId :
 B-13-1.5-2.0RE

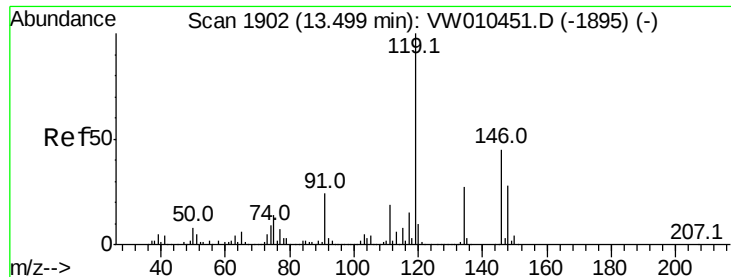
Tot Ion:105 Resp: 4014
 Ion Ratio Lower Upper
 105 100
 120 48.5 25.2 75.6



#84
 1,2,4-Trimethylbenzene
 Concen: 14.097 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010597.D
 Acq: 29 May 2019 18:04

Tgt Ion:105 Resp: 10678
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.2

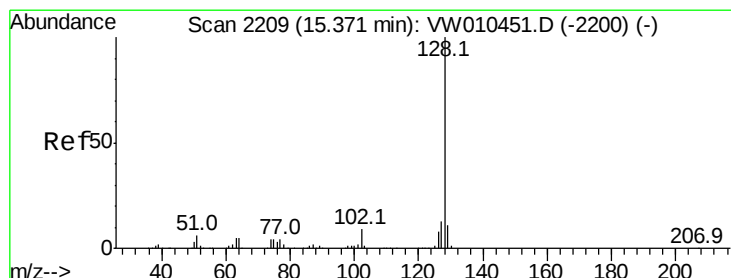
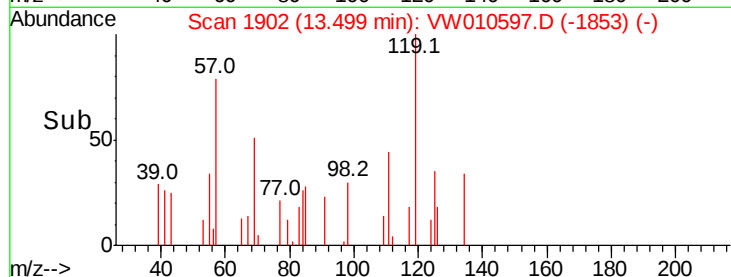
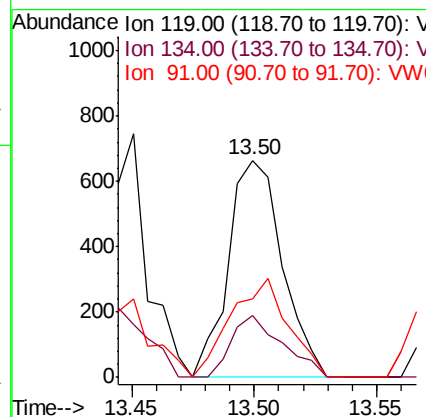
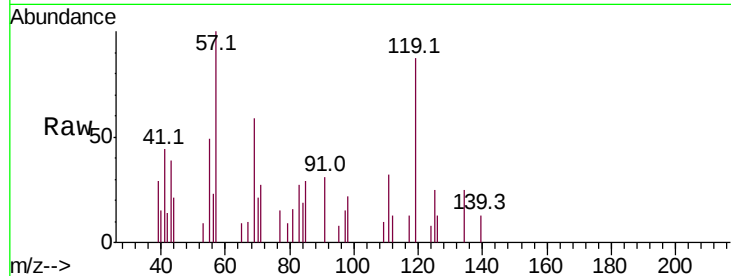




#86
p-Isopropyltoluene
Concen: 1.215 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
B-13-1.5-2.0RE

Tot Ion:119 Resp: 1022
Ion Ratio Lower Upper
119 100
134 26.9 13.6 40.7
91 0.0 11.9 35.7#



#95
Naphthalene
Concen: 57.926 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010597.D
Acq: 29 May 2019 18:04

Tgt Ion:128 Resp: 29719
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 11.2 8.9 13.3

