

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008219.D
 Acq On : 12 Jan 2019 04:28
 Operator : SY/VA
 Sample : K1119-03
 Misc : 5.14G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DS-B

Quant Time: Jan 12 05:35:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	158926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	145338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67515	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	52934	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
35) Dibromofluoromethane	7.88	113	50926	54.94	ug/l	0.00
Spiked Amount			Recovery	=	109.88%	
50) Toluene-d8	10.32	98	207147	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.62	95	70665	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	

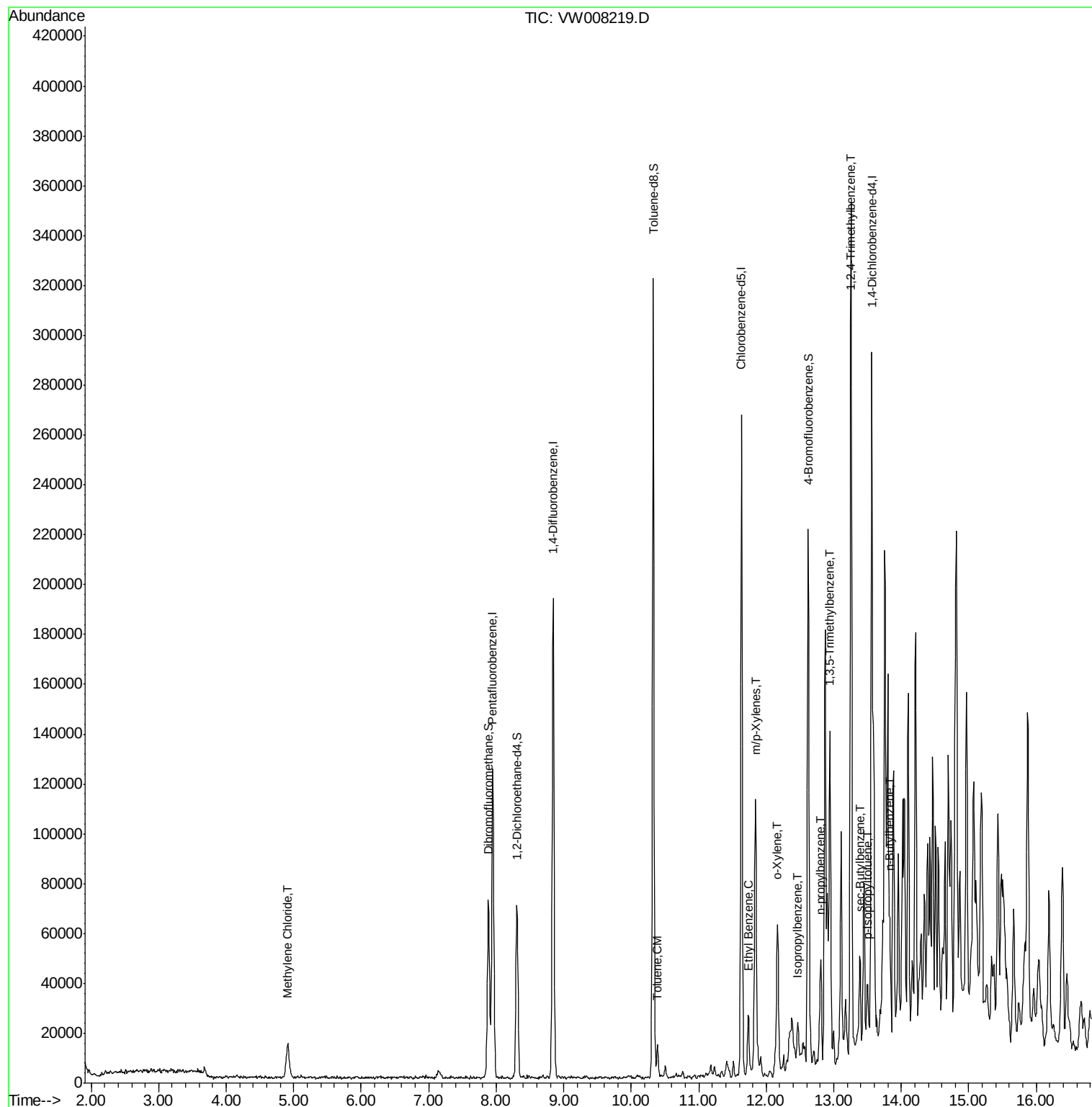
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	10131	5.970	ug/l #	88
52) Toluene	10.39	92	5771	2.035	ug/l	93
67) Ethyl Benzene	11.73	91	15400	2.733	ug/l	99
68) m/p-Xylenes	11.84	106	28071	13.054	ug/l	98
69) o-Xylene	12.16	106	15833	7.951	ug/l	97
73) Isopropylbenzene	12.47	105	9248	1.745	ug/l	95
78) n-propylbenzene	12.81	91	31925	4.916	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	45207	10.379	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	177331	39.473	ug/l	98
85) sec-Butylbenzene	13.39	105	20207	3.580	ug/l	85
86) p-Isopropyltoluene	13.50	119	10920	2.240	ug/l	97
89) n-Butylbenzene	13.83	91	22967	4.811	ug/l #	81

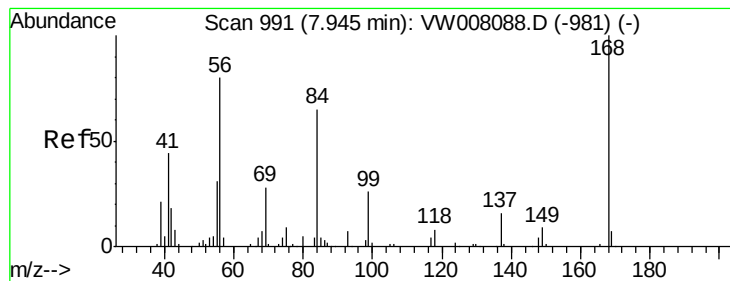
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011119\
Data File : VW008219.D
Acq On : 12 Jan 2019 04:28
Operator : SY/VA
Sample : K1119-03
Misc : 5.14G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DS-B

Quant Time: Jan 12 05:35:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008219.D

Acq: 12 Jan 2019 04:28

Instrument :

MSVOA_W

ClientSampleId :

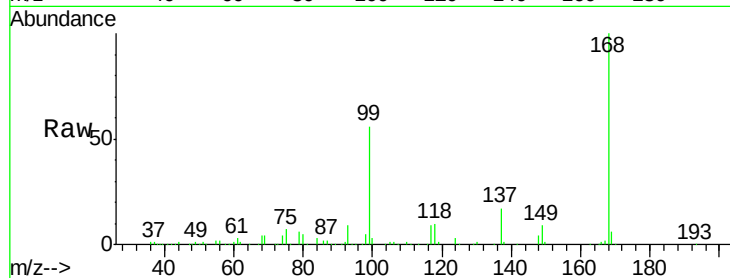
DS-B

Tot Ion:168 Resp: 89719

Ion Ratio Lower Upper

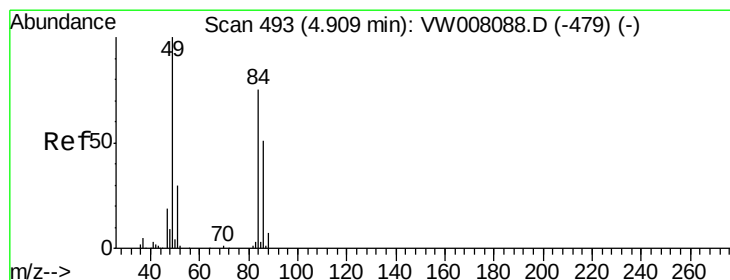
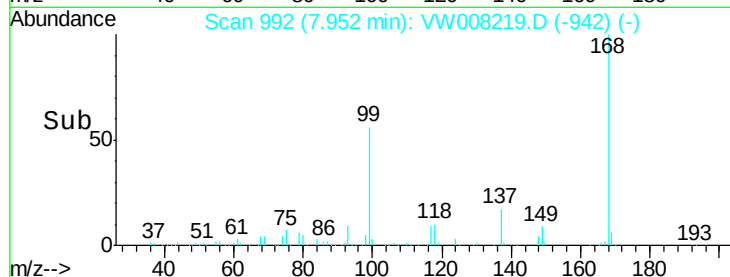
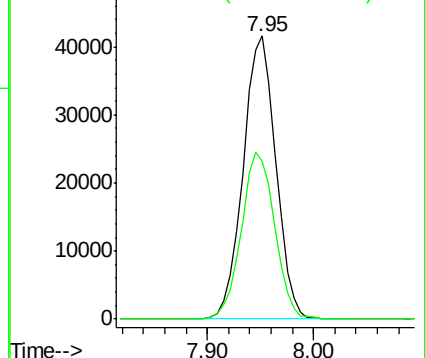
168 100

99 56.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 5.970 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW008219.D

Acq: 12 Jan 2019 04:28

Tgt Ion: 84 Resp: 10131

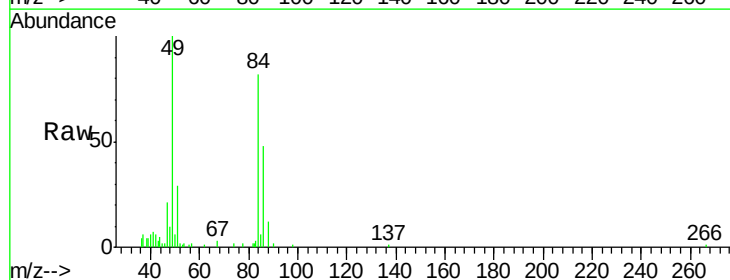
Ion Ratio Lower Upper

84 100

49 119.9 107.1 160.7

51 32.4 32.4 48.6#

86 58.8 54.2 81.4

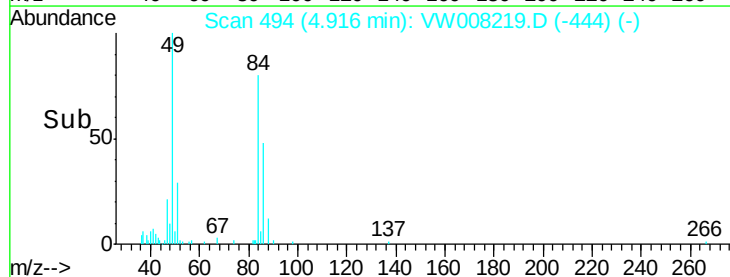
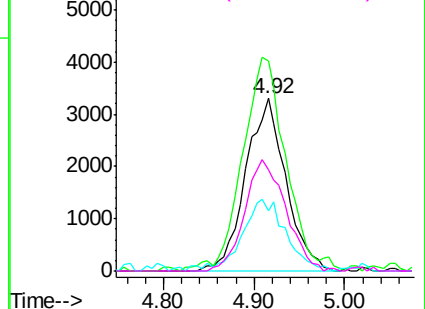


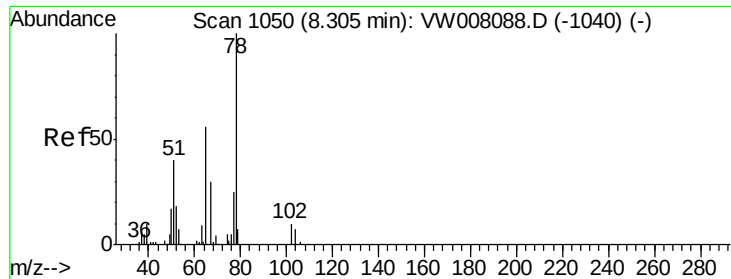
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

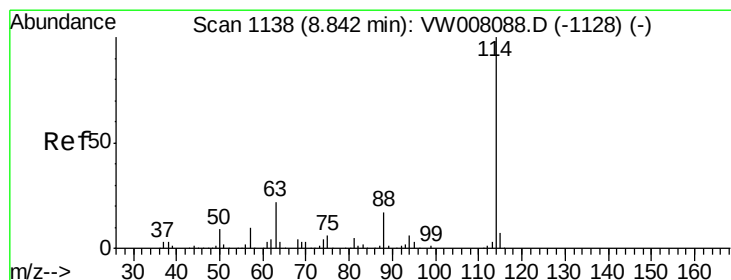
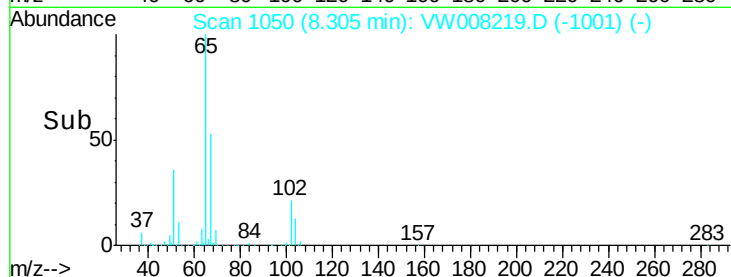
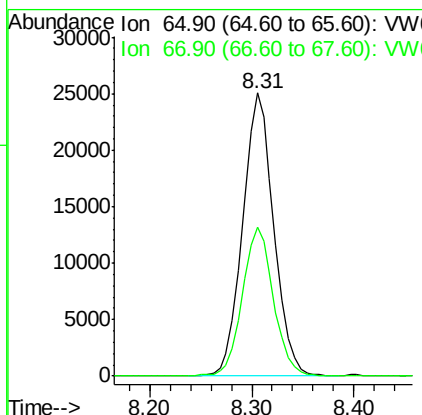
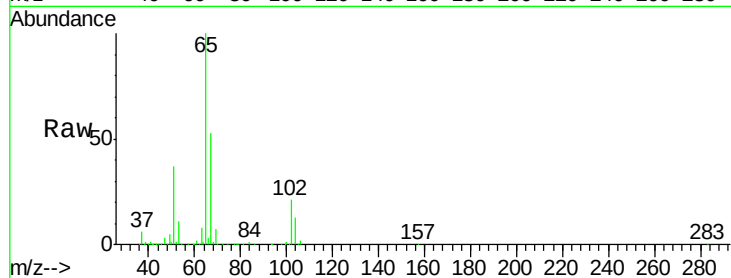




#33
 1,2-Dichloroethane-d4
 Concen: 52.495 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008219.D
 Acq: 12 Jan 2019 04:28

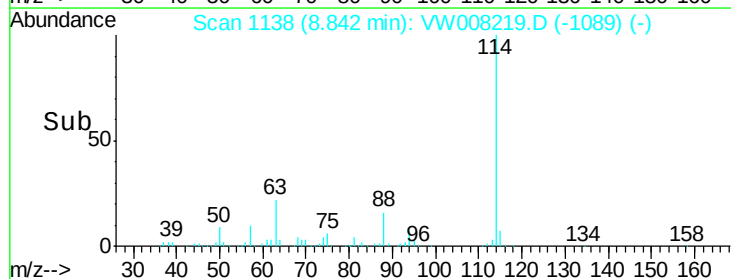
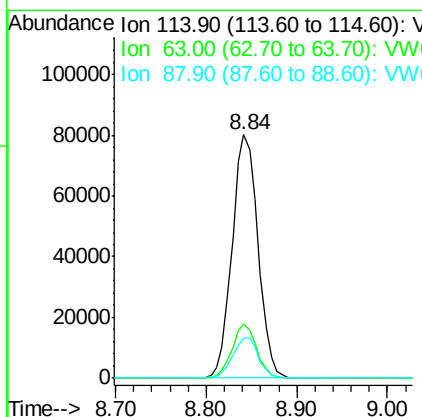
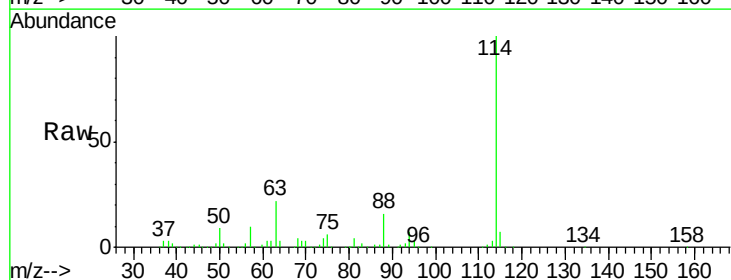
Instrument :
 MSVOA_W
 ClientSampled :
 DS-B

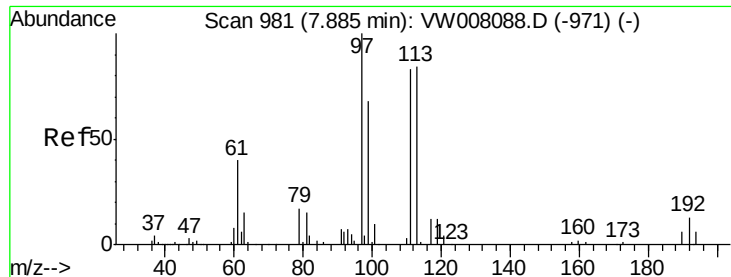
Tot Ion: 65 Resp: 52934
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008219.D
 Acq: 12 Jan 2019 04:28

Tgt Ion: 114 Resp: 158926
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 16.2 0.0 33.4

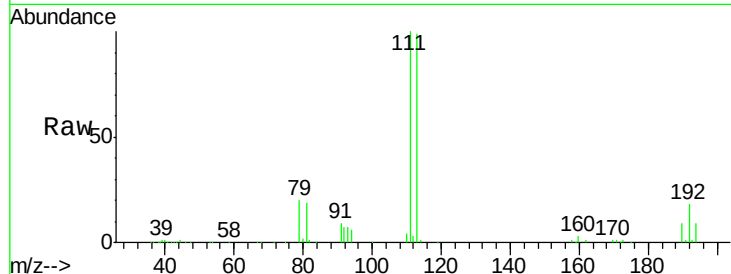




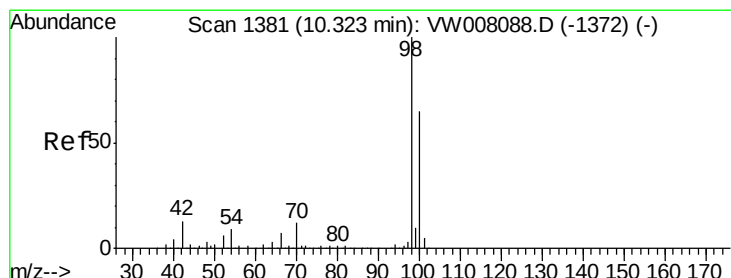
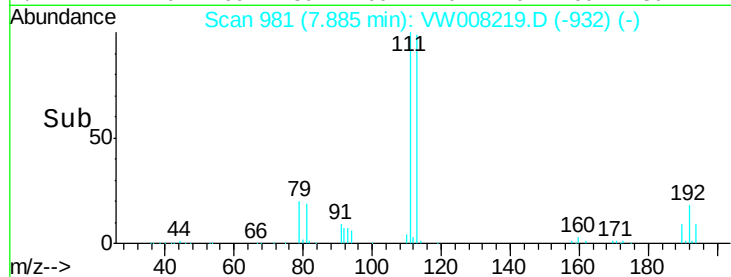
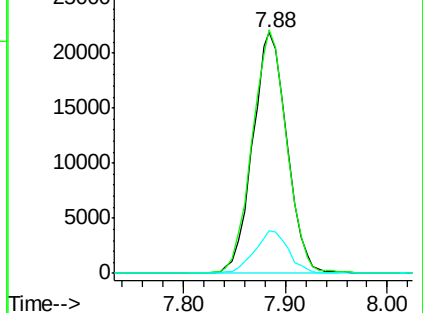
#35
 Dibromofluoromethane
 Concen: 54.941 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008219.D
 Acq: 12 Jan 2019 04:28

Instrument :
 MSVOA_W
 ClientSampleId :
 DS-B

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	17.5	12.8	19.2

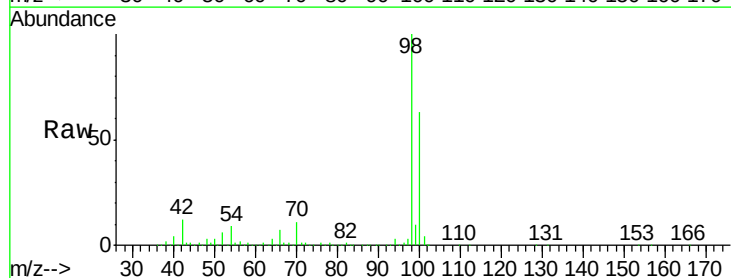


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

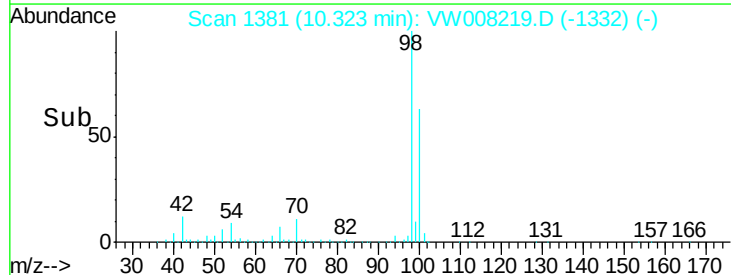
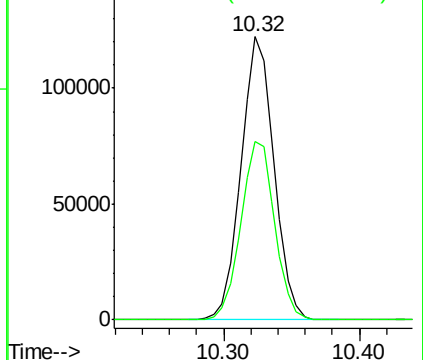


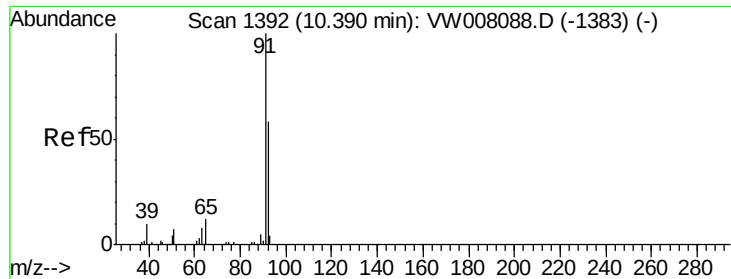
#50
 Toluene-d8
 Concen: 53.255 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW008219.D
 Acq: 12 Jan 2019 04:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5



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





#52

Toluene

Concen: 2.035 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008219.D

Acq: 12 Jan 2019 04:28

Instrument :

MSVOA_W

ClientSampleId :

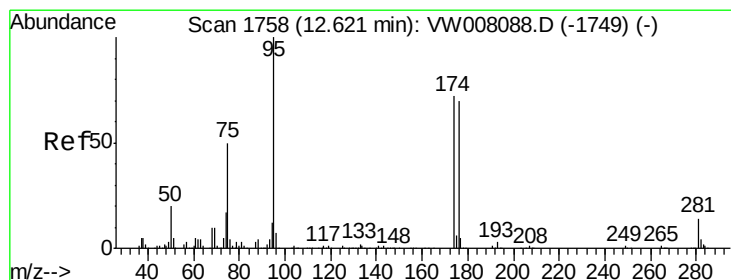
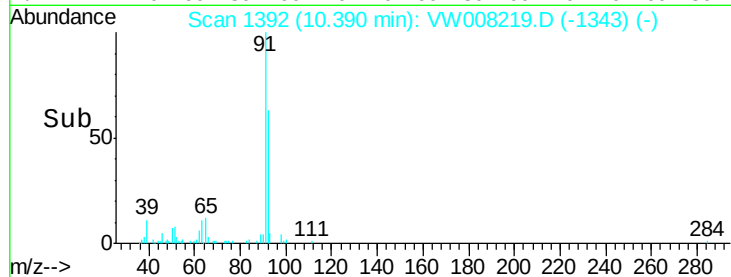
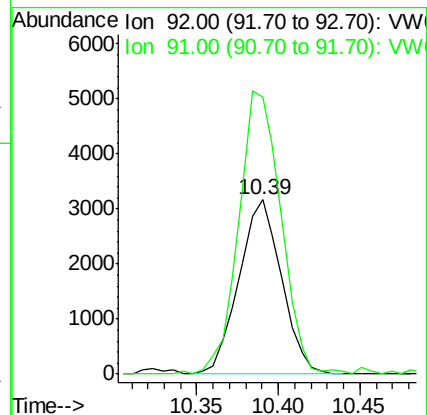
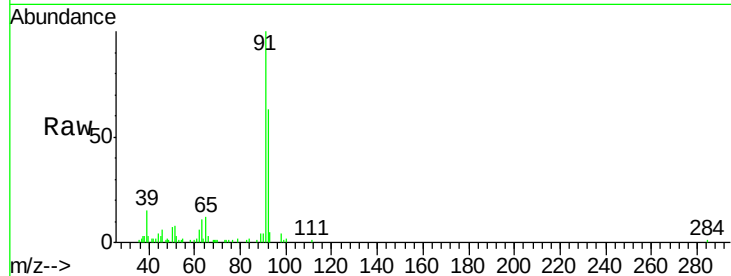
DS-B

Tot Ion: 92 Resp: 5771

Ion Ratio Lower Upper

92 100

91 161.3 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 50.676 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008219.D

Acq: 12 Jan 2019 04:28

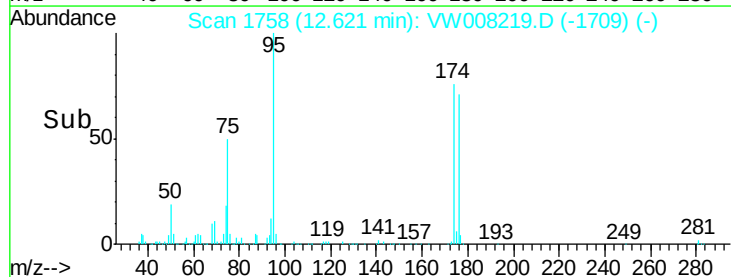
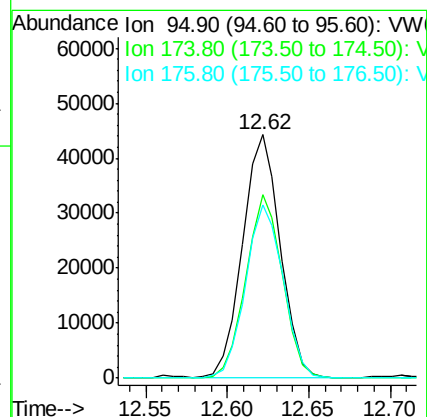
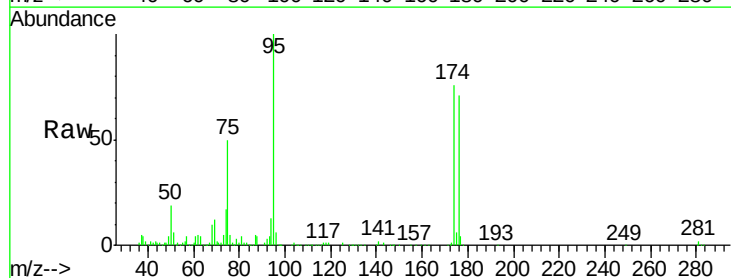
Tgt Ion: 95 Resp: 70665

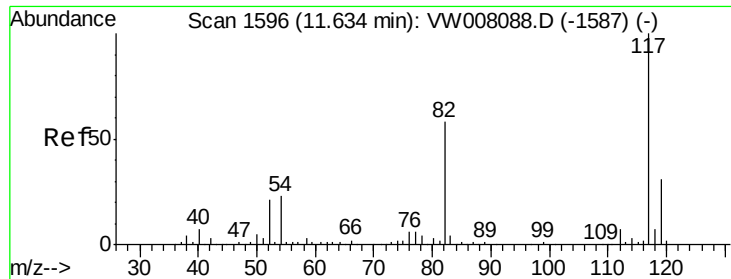
Ion Ratio Lower Upper

95 100

174 73.6 0.0 143.0

176 71.4 0.0 140.2

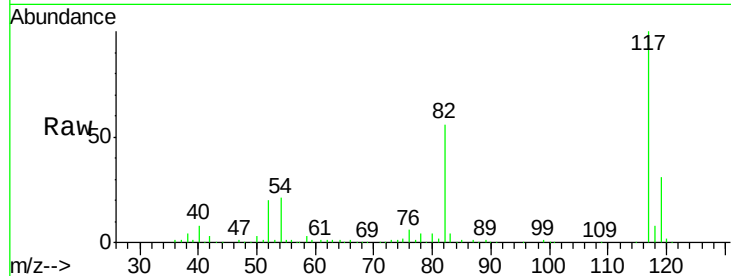




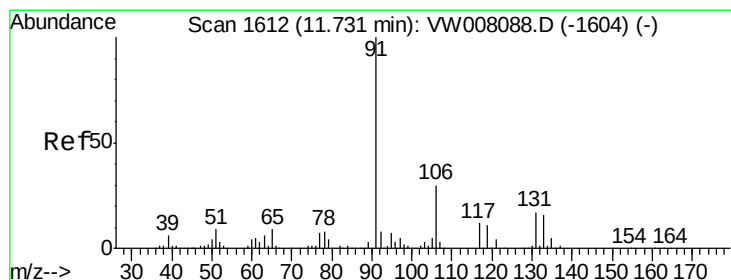
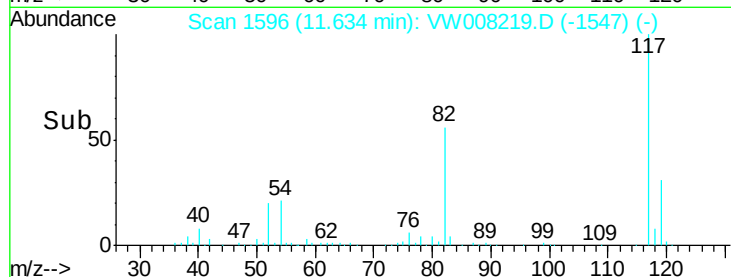
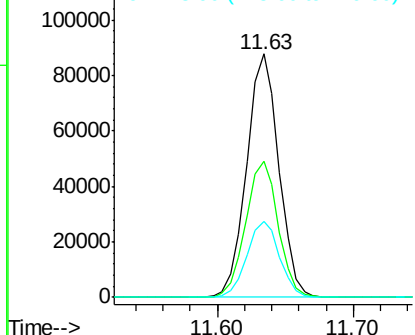
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008219.D
Acq: 12 Jan 2019 04:28

Instrument :
MSVOA_W
ClientSampled :
DS-B

Tot Ion:117 Resp: 145338
Ion Ratio Lower Upper
117 100
82 55.8 46.4 69.6
119 31.4 24.7 37.1

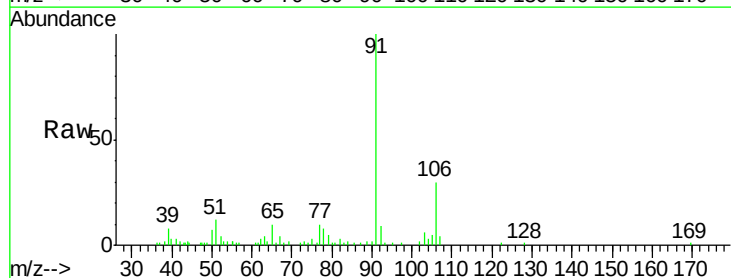


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

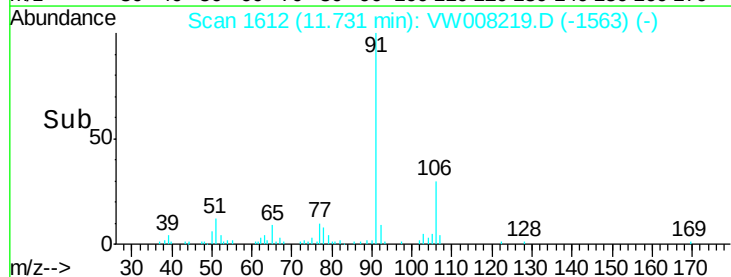
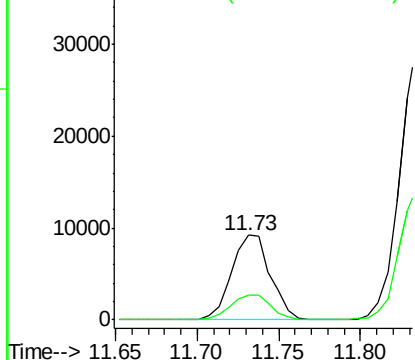


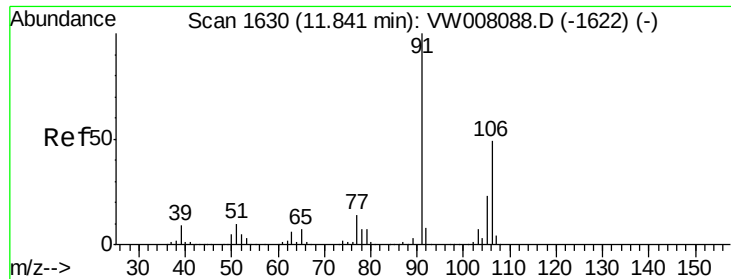
#67
Ethyl Benzene
Concen: 2.733 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008219.D
Acq: 12 Jan 2019 04:28

Tgt Ion: 91 Resp: 15400
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4



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

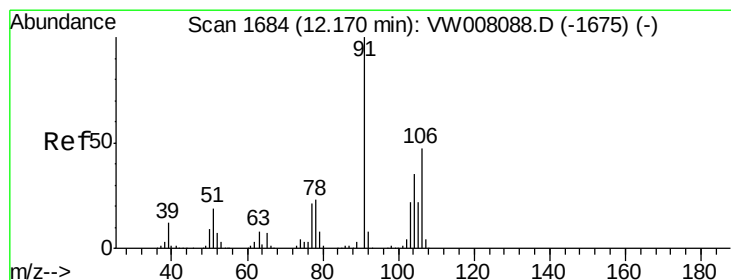
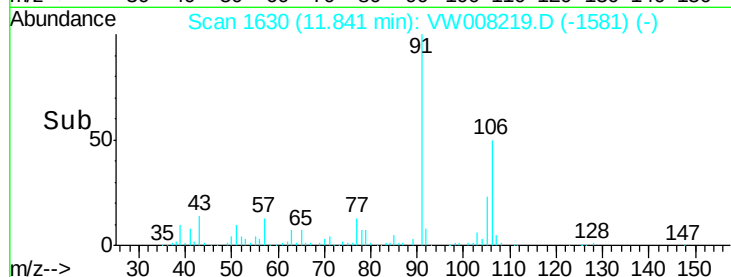
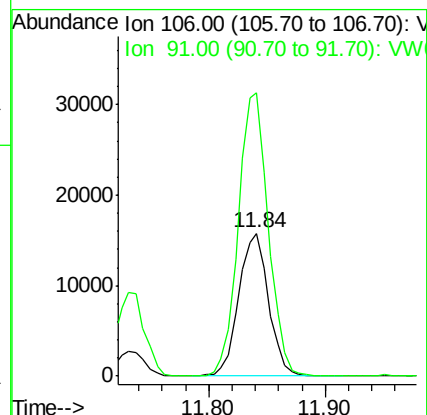
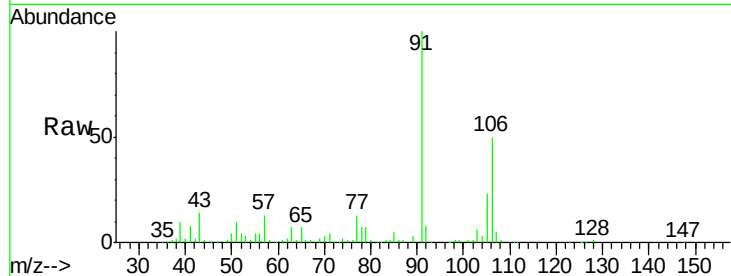




#68
m/p-Xylenes
Concen: 13.054 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008219.D
Acq: 12 Jan 2019 04:28

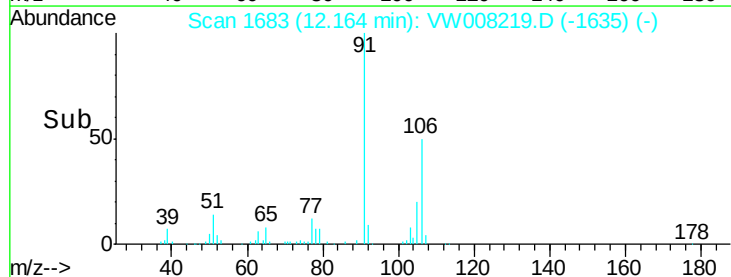
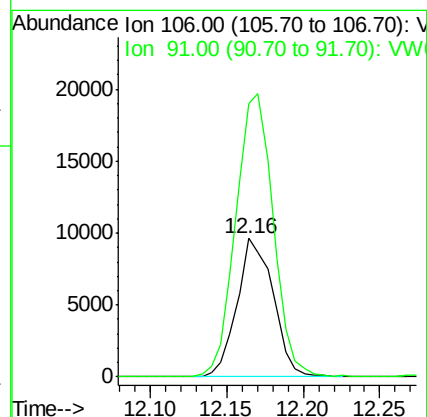
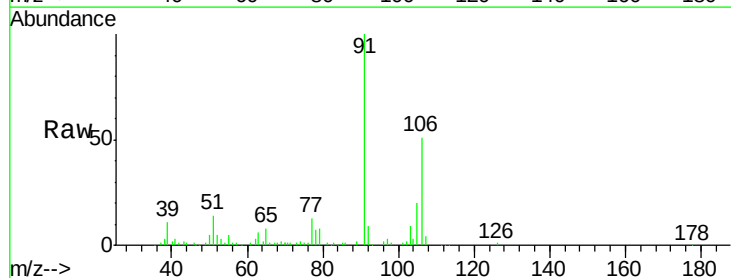
Instrument :
MSVOA_W
ClientSampled :
DS-B

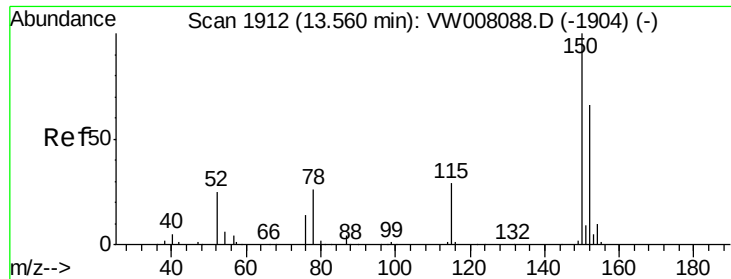
Tot Ion:106 Resp: 28071
Ion Ratio Lower Upper
106 100
91 199.7 162.4 243.6



#69
o-Xylene
Concen: 7.951 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008219.D
Acq: 12 Jan 2019 04:28

Tgt Ion:106 Resp: 15833
Ion Ratio Lower Upper
106 100
91 211.6 107.8 323.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008219.D

Acq: 12 Jan 2019 04:28

Instrument :

MSVOA_W

ClientSampled :

DS-B

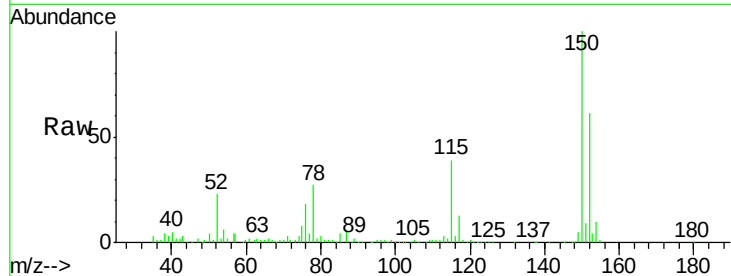
Tot Ion:152 Resp: 67515

Ion Ratio Lower Upper

152 100

115 65.3 30.8 92.4

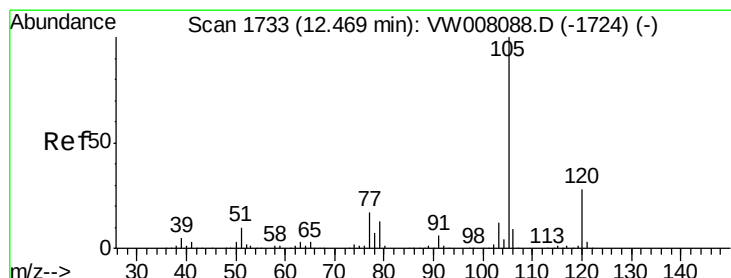
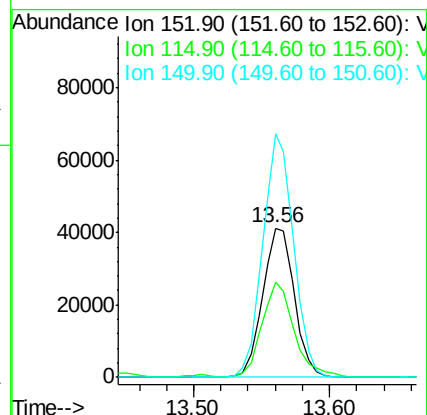
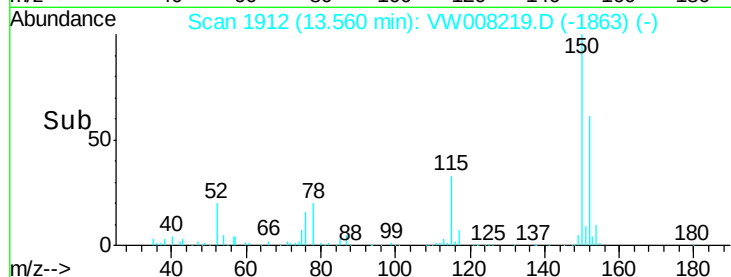
150 157.8 0.0 350.2



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: 1.745 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008219.D

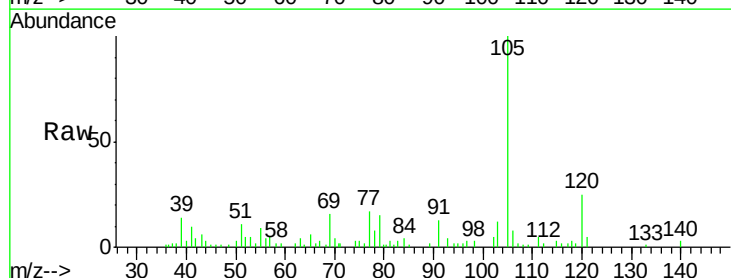
Acq: 12 Jan 2019 04:28

Tgt Ion:105 Resp: 9248

Ion Ratio Lower Upper

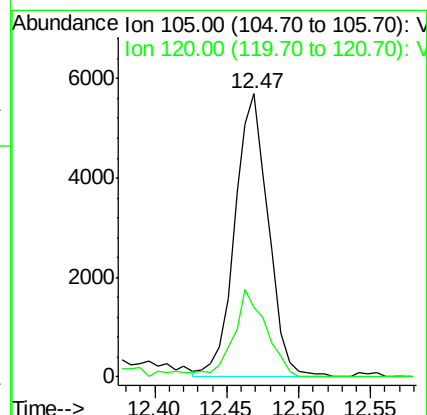
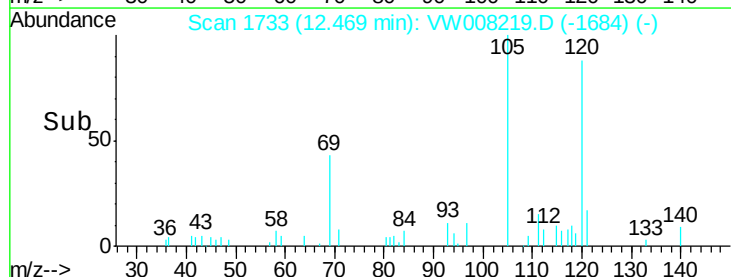
105 100

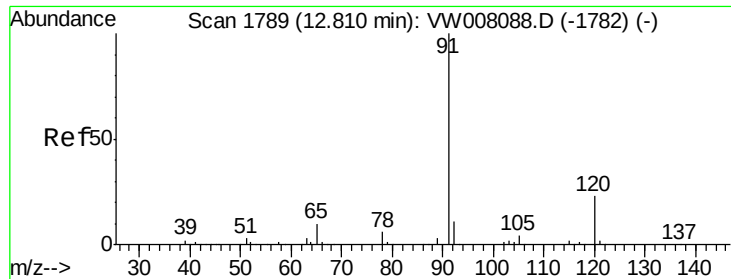
120 30.0 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

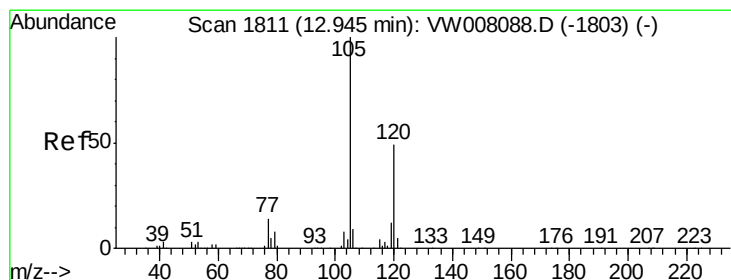
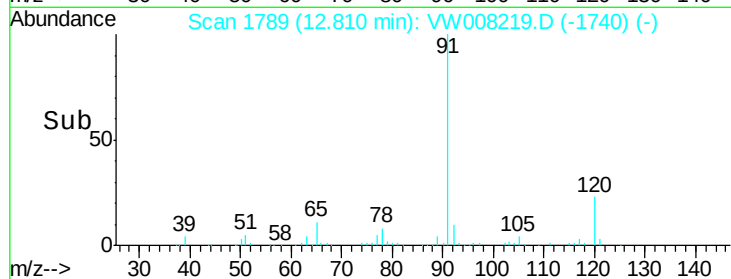
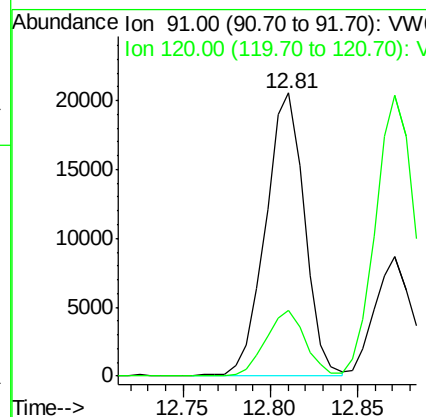
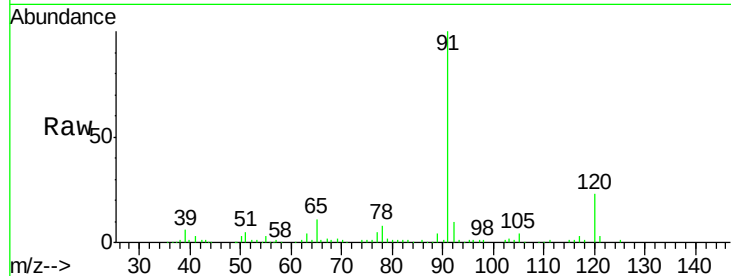




#78
n-propylbenzene
Concen: 4.916 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW008219.D
Acq: 12 Jan 2019 04:28

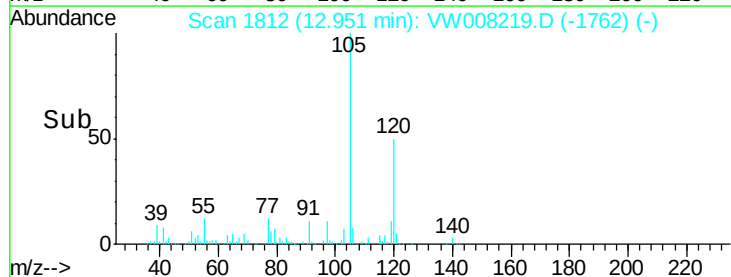
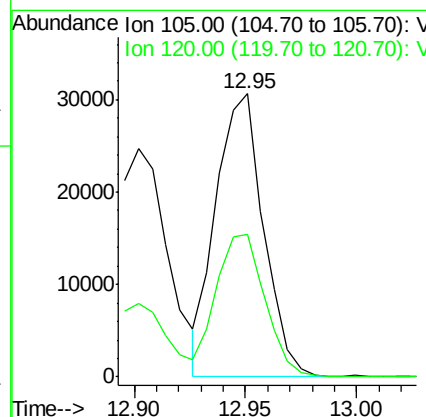
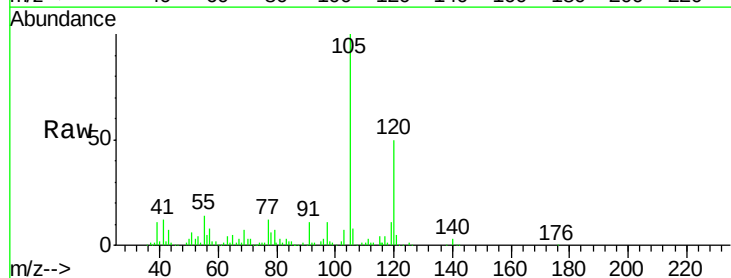
Instrument :
MSVOA_W
ClientSampled :
DS-B

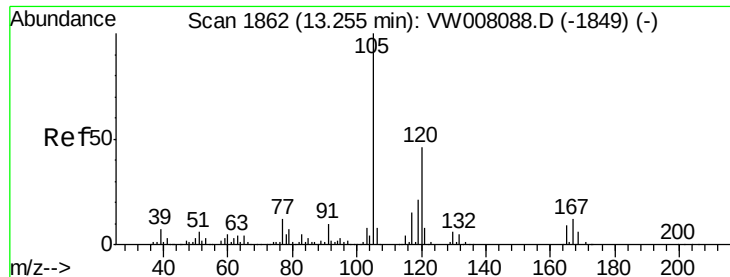
Tot Ion: 91 Resp: 31925
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.8



#80
1,3,5-Trimethylbenzene
Concen: 10.379 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW008219.D
Acq: 12 Jan 2019 04:28

Tgt Ion:105 Resp: 45207
Ion Ratio Lower Upper
105 100
120 52.0 24.7 74.1

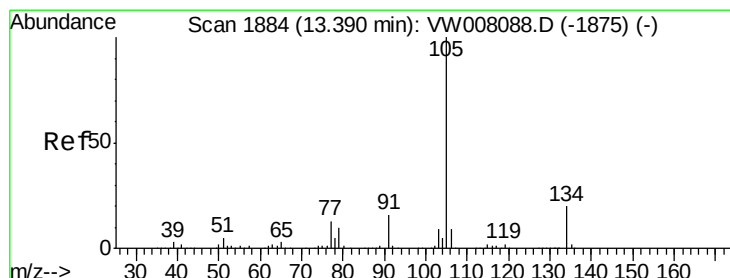
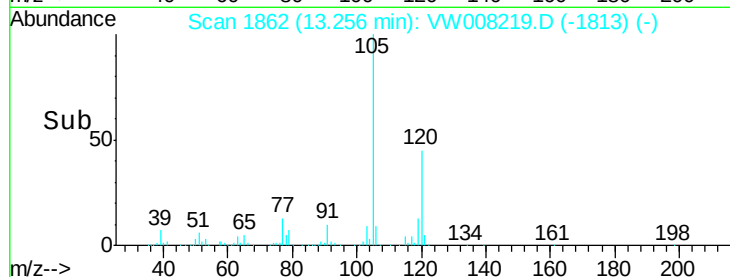
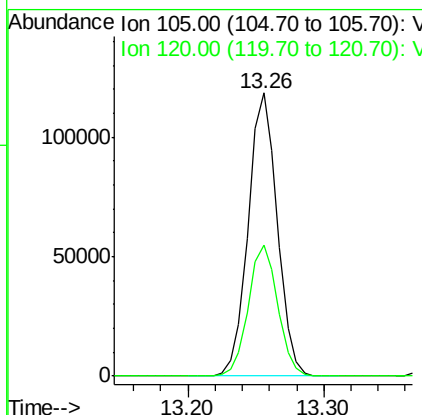
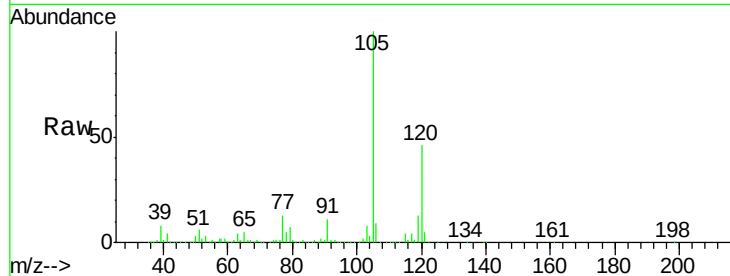




#84
 1,2,4-Trimethylbenzene
 Concen: 39.473 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008219.D
 Acq: 12 Jan 2019 04:28

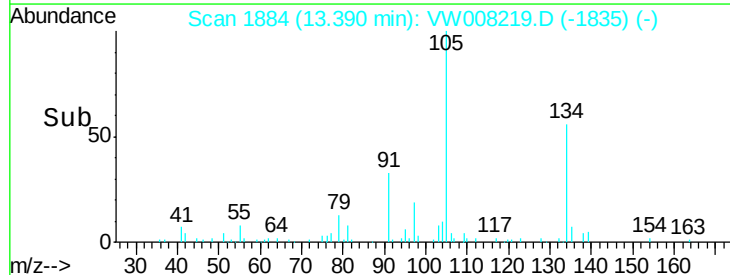
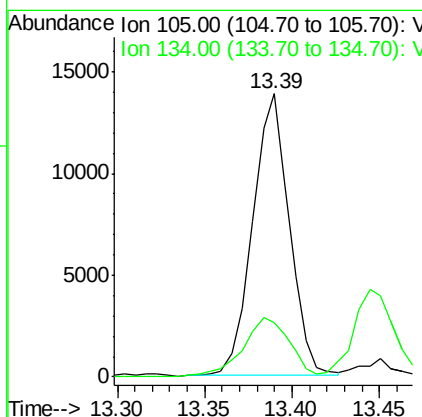
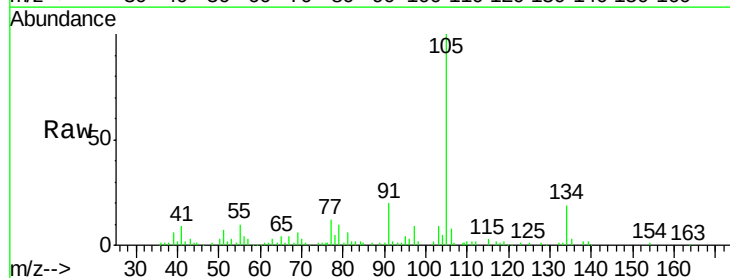
Instrument :
 MSVOA_W
 ClientSampleId :
 DS-B

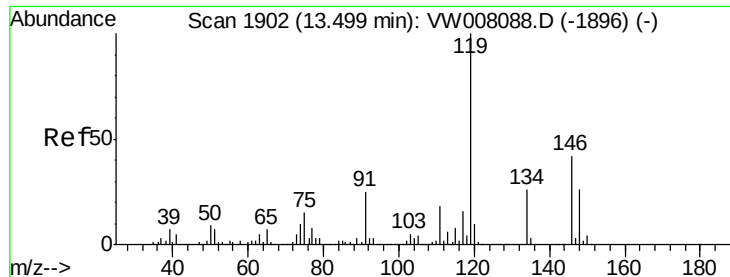
Tot Ion:105 Resp: 177331
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.7 68.1



#85
 sec-Butylbenzene
 Concen: 3.580 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008219.D
 Acq: 12 Jan 2019 04:28

Tgt Ion:105 Resp: 20207
 Ion Ratio Lower Upper
 105 100
 134 26.8 10.1 30.1

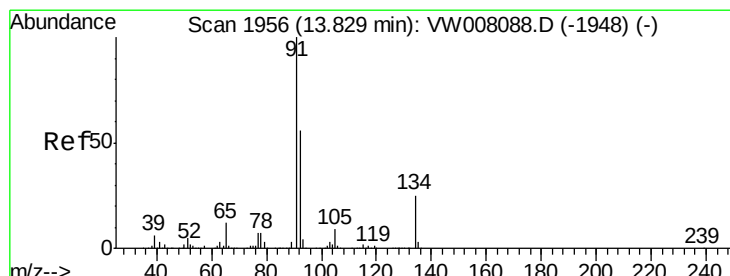
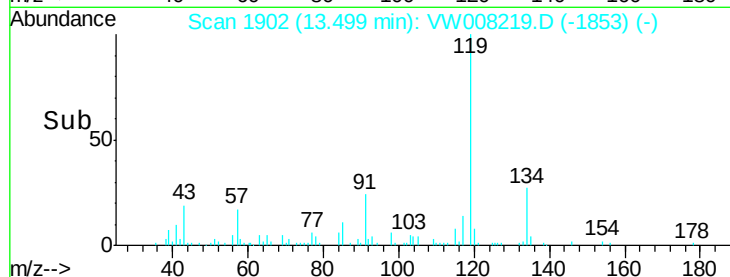
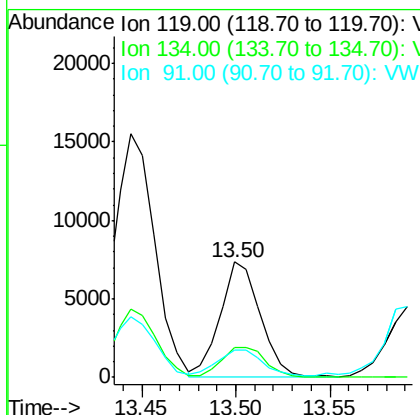
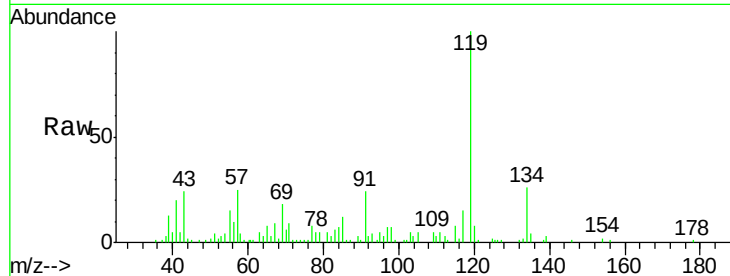




#86
 p-Isopropyltoluene
 Concen: 2.240 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008219.D
 Acq: 12 Jan 2019 04:28

Instrument :
 MSVOA_W
 ClientSampleId :
 DS-B

Tot Ion: 119 Resp: 10920
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.3 39.8
 91 23.0 12.3 36.9



#89
 n-Butylbenzene
 Concen: 4.811 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW008219.D
 Acq: 12 Jan 2019 04:28

Tgt Ion: 91 Resp: 22967
 Ion Ratio Lower Upper
 91 100
 92 58.5 27.4 82.2
 134 0.0 12.6 37.8#

