

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010657.D
 Acq On : 03 Jun 2019 14:10
 Operator : SY/VA
 Sample : K2641-21
 Misc : 6.93G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-053119-E

Quant Time: Jun 04 08:01:29 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	182289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109528	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	88431	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
35) Dibromofluoromethane	7.88	113	90903	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
50) Toluene-d8	10.32	98	363152	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.62	95	127461	45.30	ug/l	0.00
Spiked Amount			Recovery	=	90.60%	

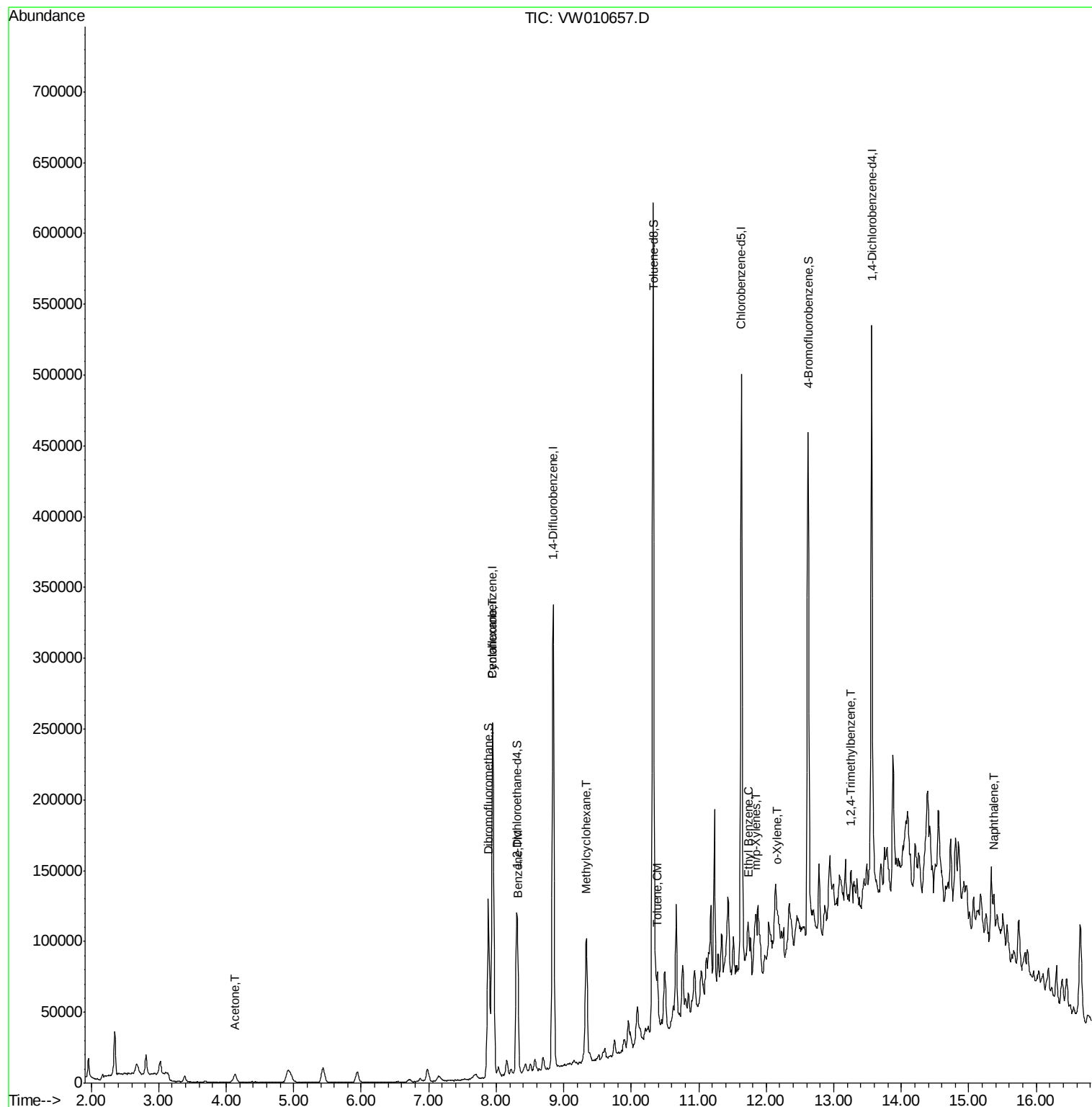
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	10747	27.982	ug/l	100
31) Cyclohexane	7.95	56	16117	4.512	ug/l #	68
39) Methylcyclohexane	9.34	83	39394	10.359	ug/l	98
40) Benzene	8.32	78	11875	1.505	ug/l	91
52) Toluene	10.39	92	17662	3.333	ug/l	100
67) Ethyl Benzene	11.73	91	18354	1.879	ug/l	97
68) m/p-Xylenes	11.84	106	9275	2.421	ug/l	91
69) o-Xylene	12.16	106	5267	1.451	ug/l	87
84) 1,2,4-Trimethylbenzene	13.26	105	11668	1.591	ug/l	92
95) Naphthalene	15.37	128	29012	5.842	ug/l	96

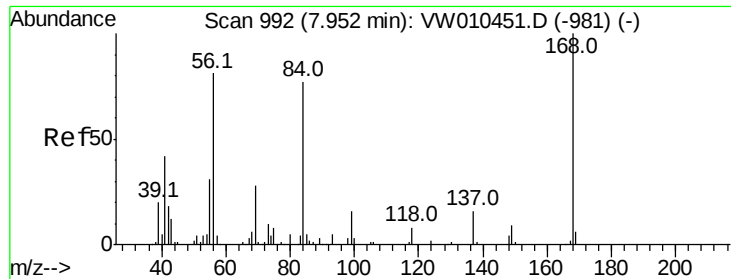
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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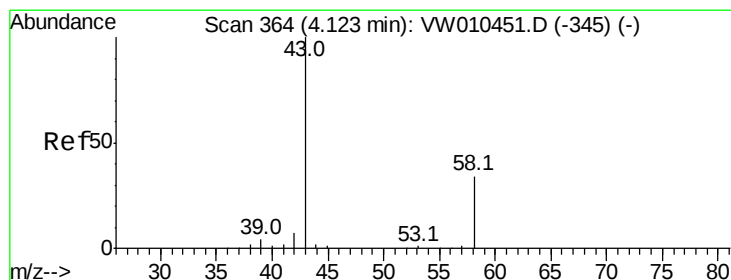
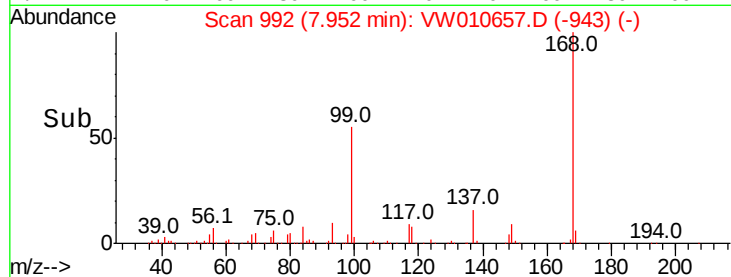
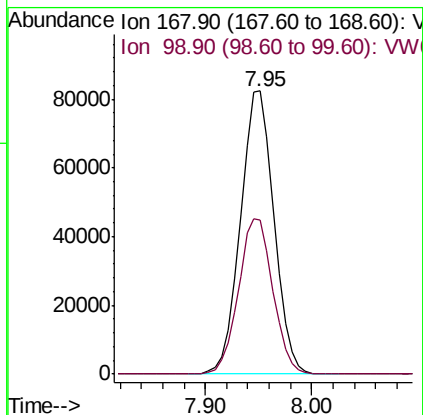
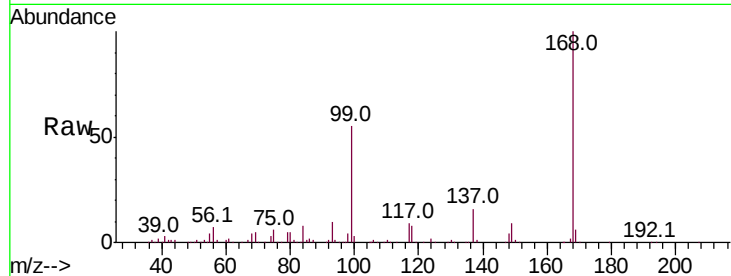


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VW010657.D
 Acq: 03 Jun 2019 14:10

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-053119-E

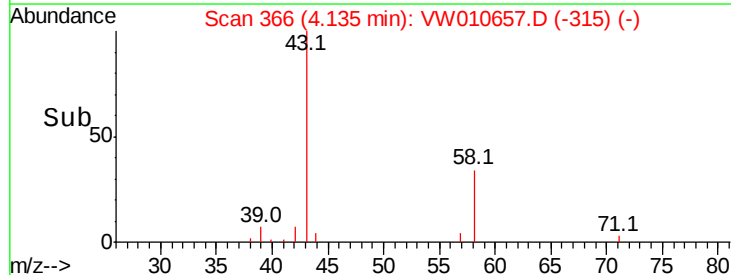
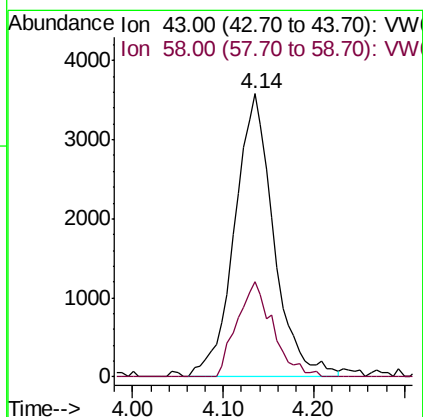
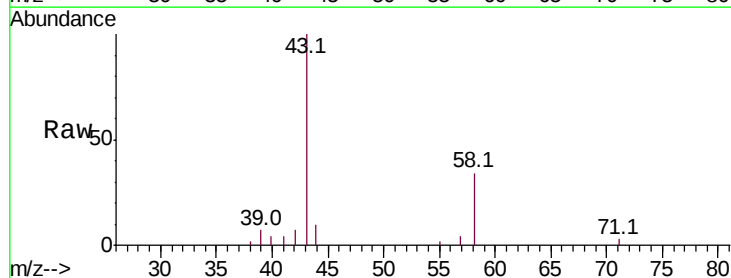
Tot Ion:168 Resp: 182289
 Ion Ratio Lower Upper
 168 100
 99 54.6 46.1 69.1

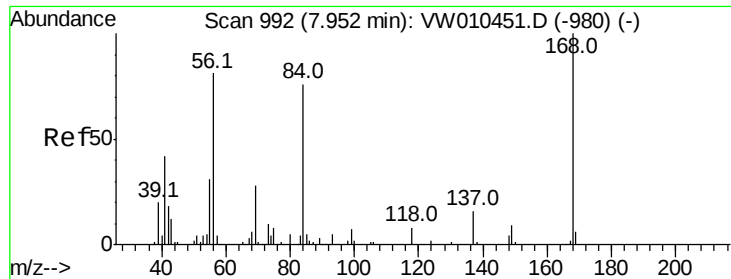


#16

Acetone
 Concen: 27.982 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW010657.D
 Acq: 03 Jun 2019 14:10

Tgt Ion: 43 Resp: 10747
 Ion Ratio Lower Upper
 43 100
 58 33.6 27.0 40.4

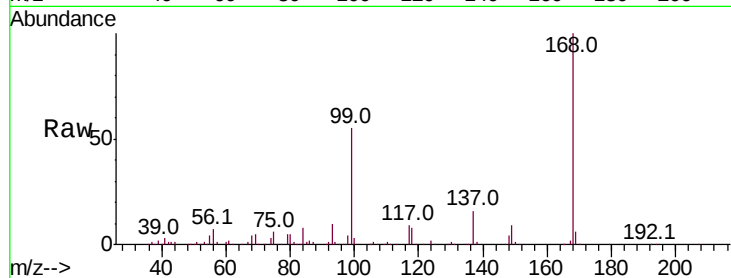




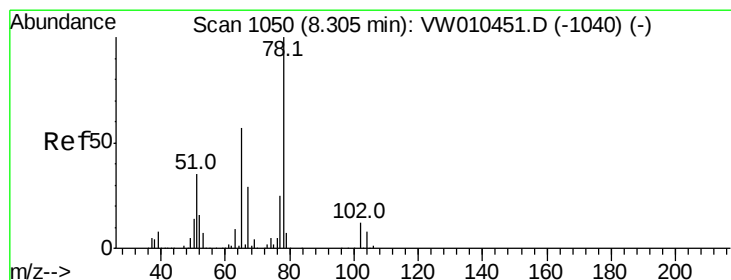
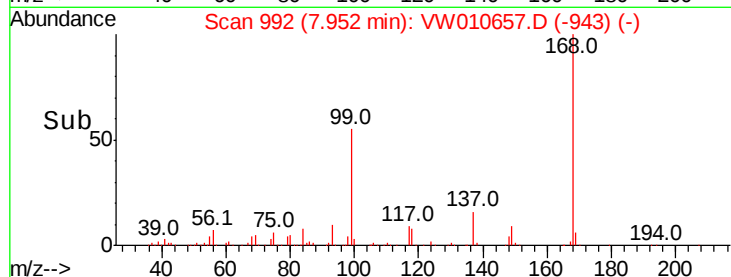
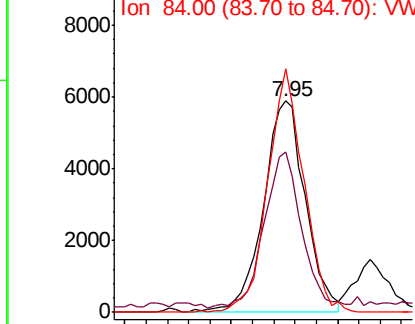
#31
Cyclohexane
Concen: 4.512 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010657.D
Acq: 03 Jun 2019 14:10

Instrument :
MSVOA_W
ClientSampleId :
CL-02-053119-E

Tot Ion: 56 Resp: 16117
Ion Ratio Lower Upper
56 100
69 71.7 28.2 42.2#
84 115.1 75.8 113.8#

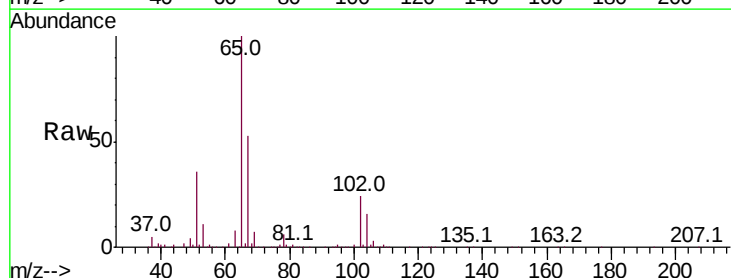


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

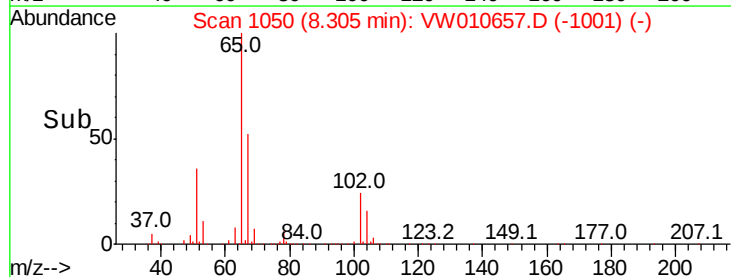
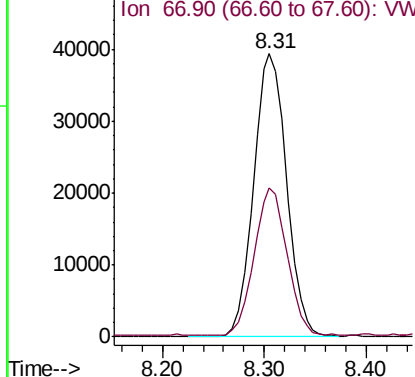


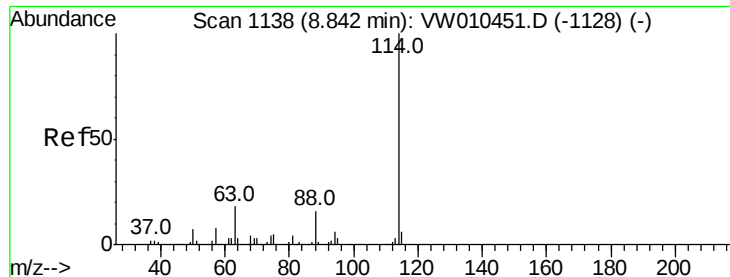
#33
1,2-Dichloroethane-d4
Concen: 46.999 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010657.D
Acq: 03 Jun 2019 14:10

Tgt Ion: 65 Resp: 88431
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

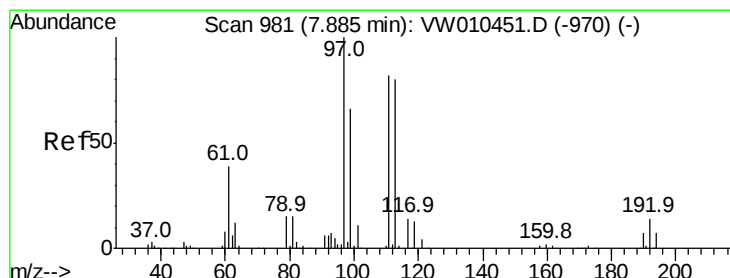
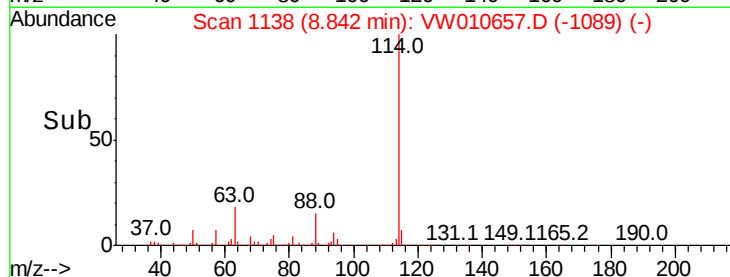
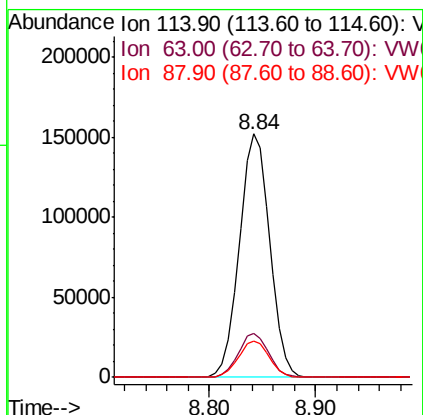
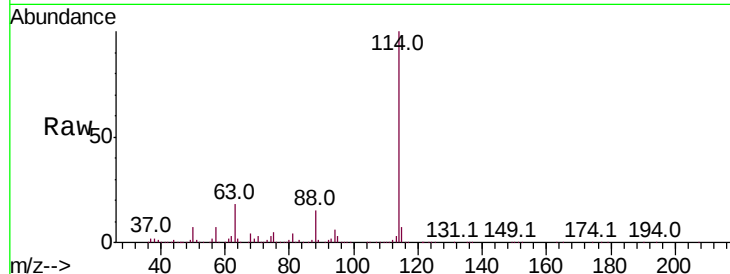




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010657.D
 Acq: 03 Jun 2019 14:10

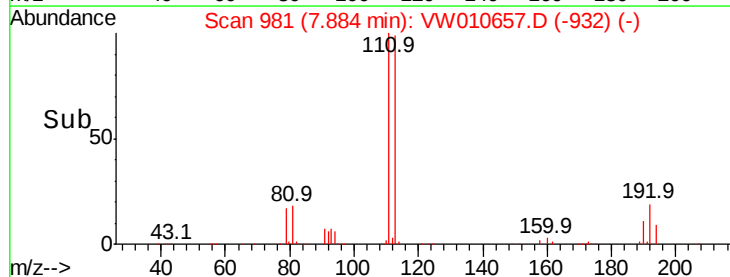
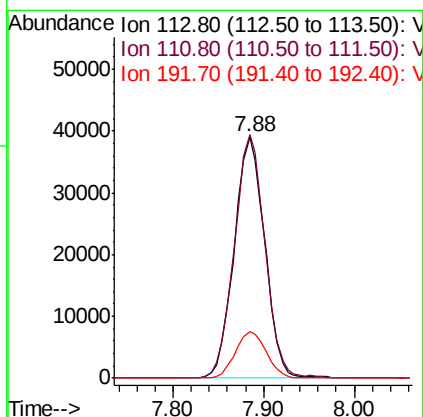
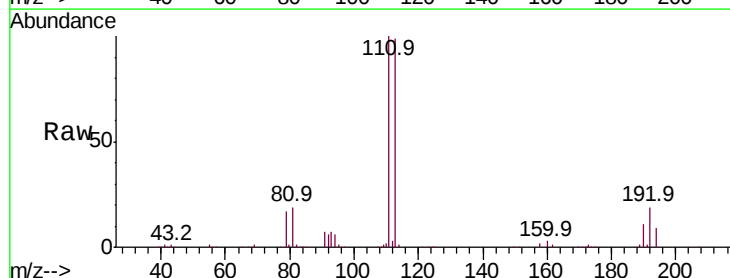
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-053119-E

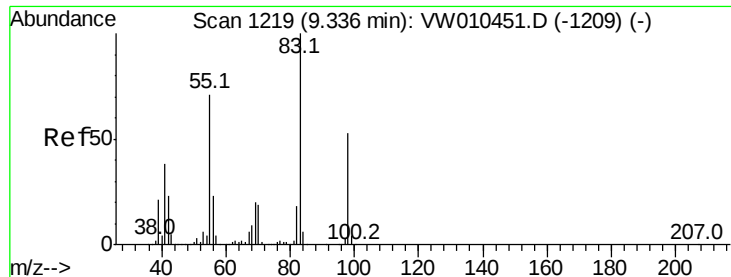
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.0
88	15.1	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.165 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010657.D
 Acq: 03 Jun 2019 14:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	19.7	14.3	21.5

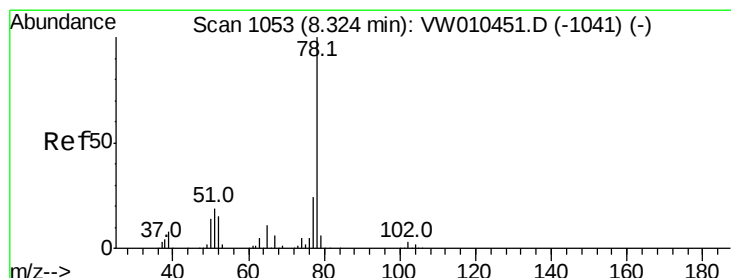
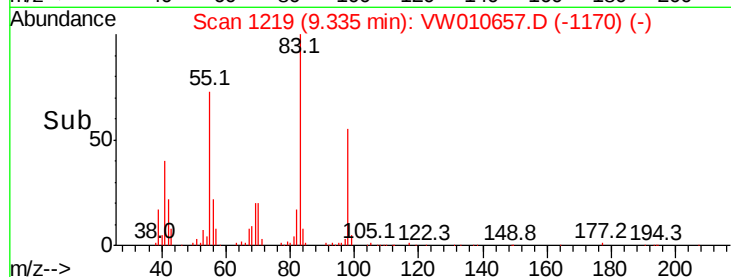
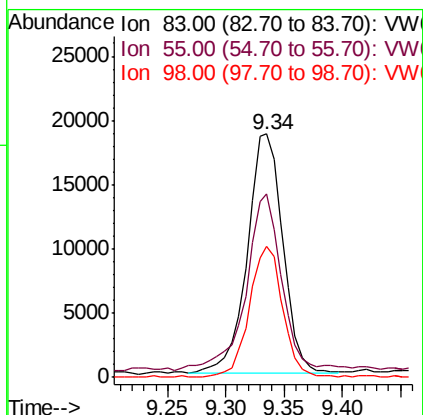
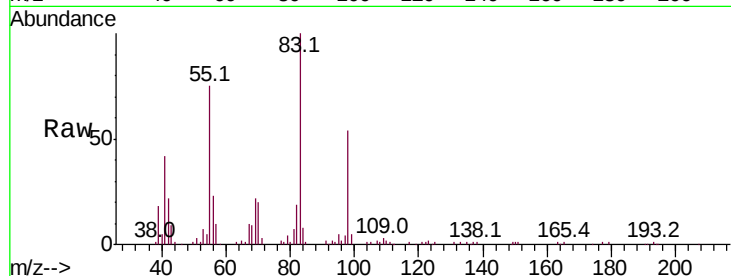




#39
Methvlcvclohexane
Concen: 10.359 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010657.D
Acq: 03 Jun 2019 14:10

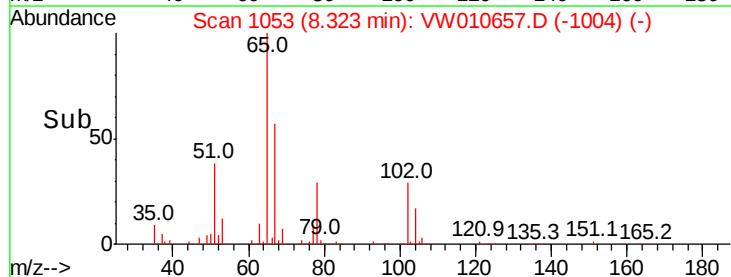
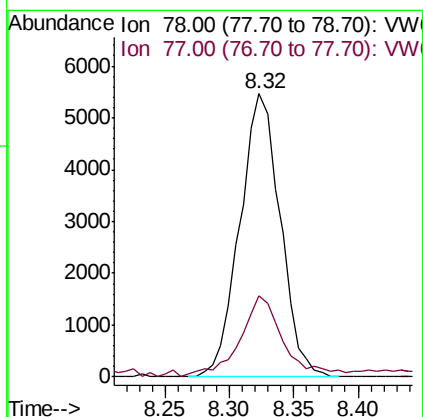
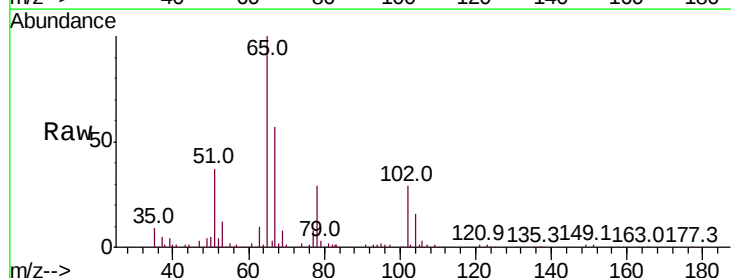
Instrument :
MSVOA_W
ClientSampleId :
CL-02-053119-E

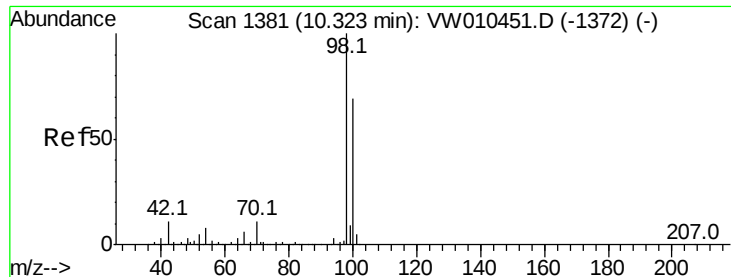
Tot Ion: 83 Resp: 39394
Ion Ratio Lower Upper
83 100
55 72.4 57.0 85.6
98 54.5 42.0 63.0



#40
Benzene
Concen: 1.505 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010657.D
Acq: 03 Jun 2019 14:10

Tgt Ion: 78 Resp: 11875
Ion Ratio Lower Upper
78 100
77 27.8 18.9 28.3





#50

Toluene-d8

Concen: 51.414 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010657.D

Acq: 03 Jun 2019 14:10

Instrument :

MSVOA_W

ClientSampleId :

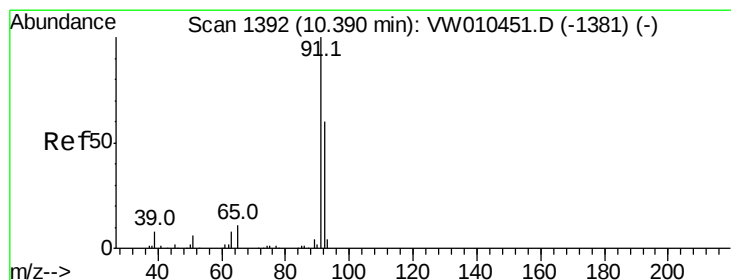
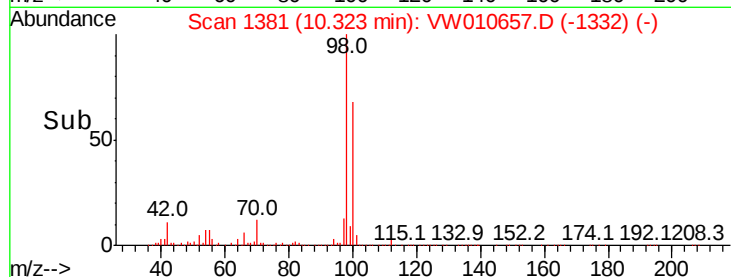
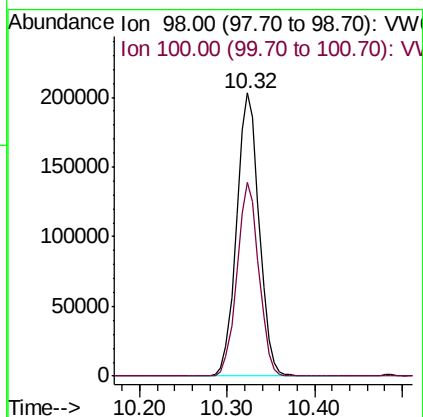
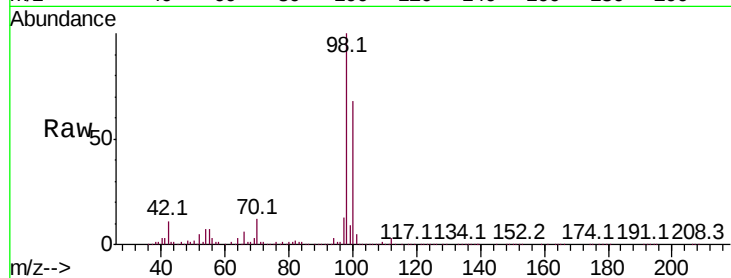
CL-02-053119-E

Tot Ion: 98 Resp: 363152

Ion Ratio Lower Upper

98 100

100 66.5 53.7 80.5



#52

Toluene

Concen: 3.333 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010657.D

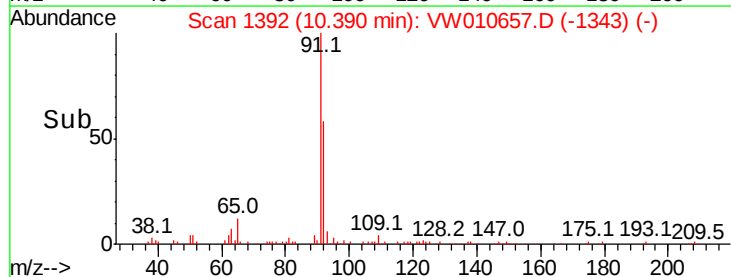
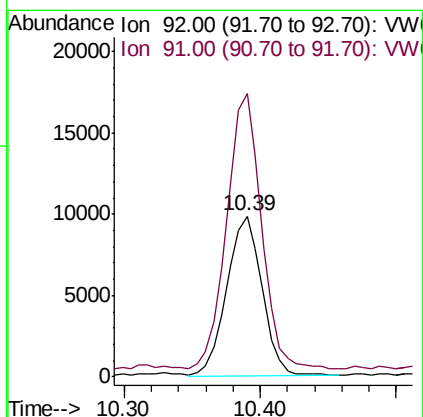
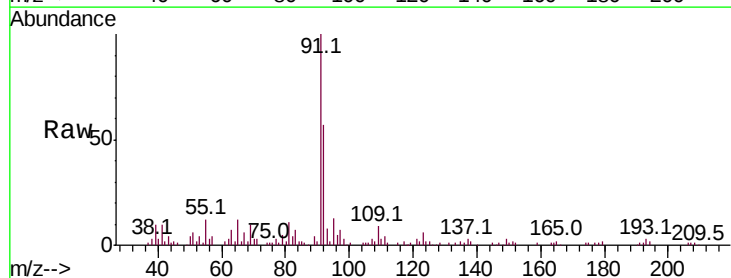
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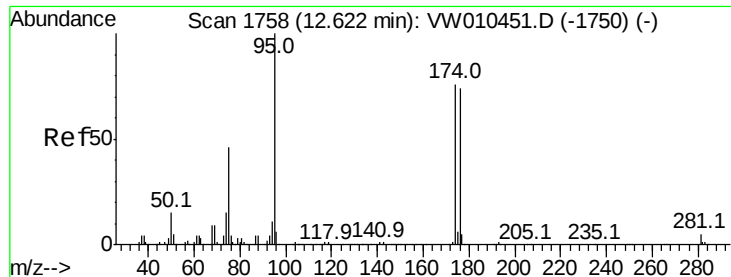
Tgt Ion: 92 Resp: 17662

Ion Ratio Lower Upper

92 100

91 168.9 135.4 203.0

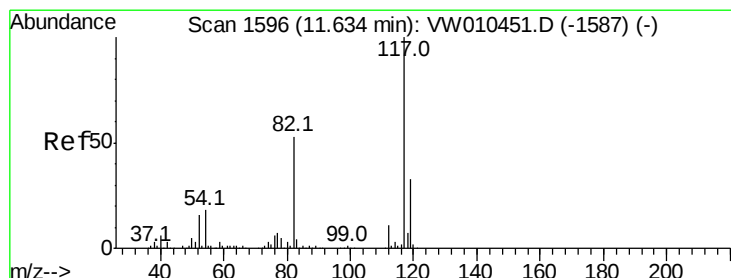
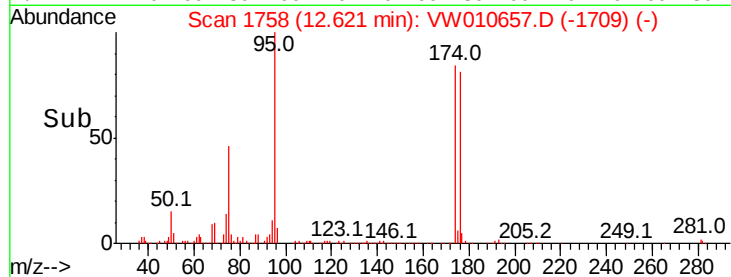
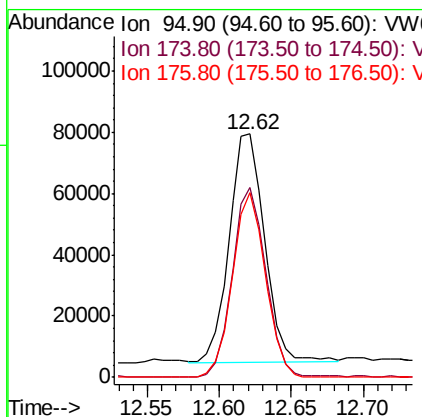
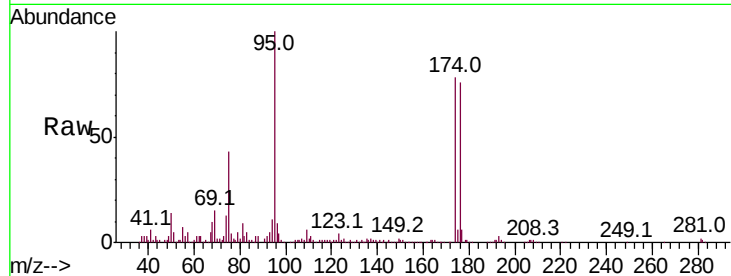




#62
4-Bromofluorobenzene
Concen: 45.305 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010657.D
Acq: 03 Jun 2019 14:10

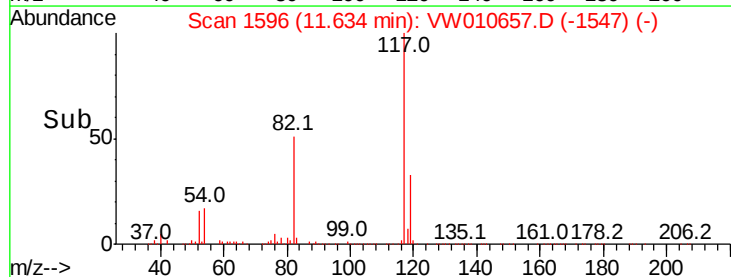
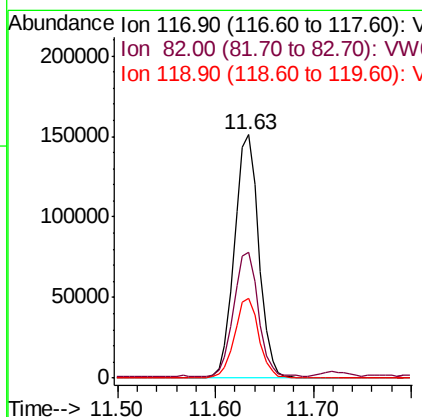
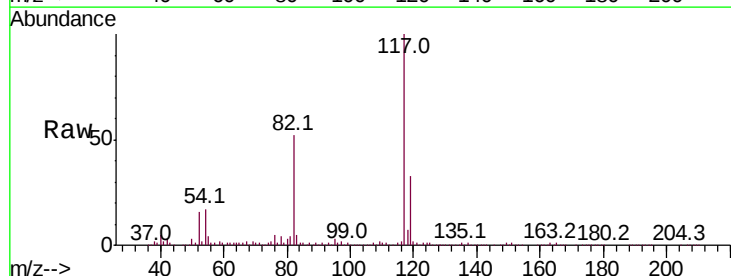
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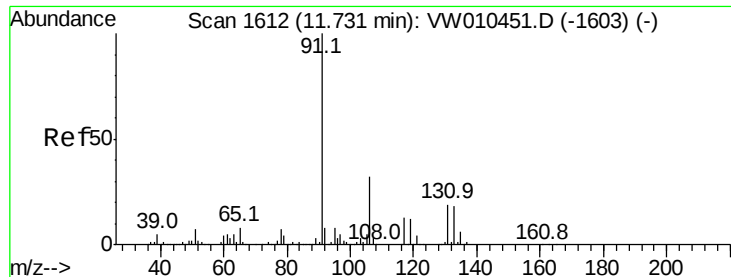
Tot Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	148.6
176	76.0	0.0	144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010657.D
Acq: 03 Jun 2019 14:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.8	64.2
119	32.6	26.3	39.5

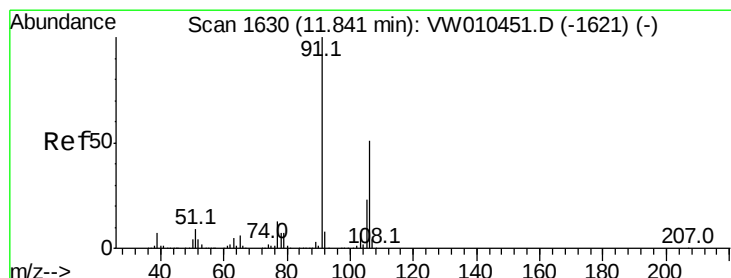
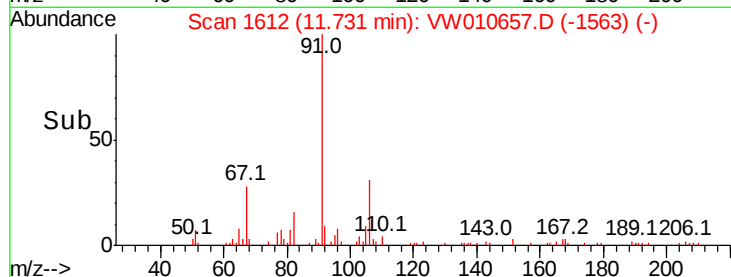
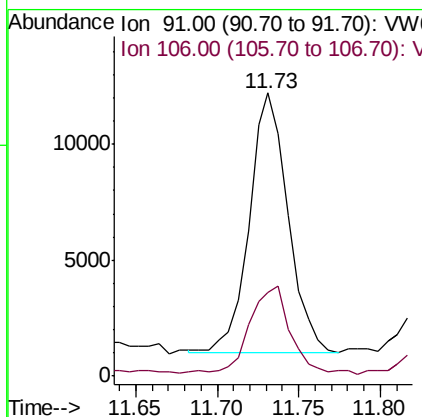
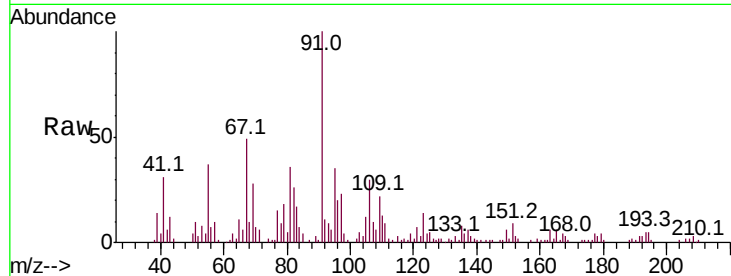




#67
Ethyl Benzene
Concen: 1.879 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010657.D
Acq: 03 Jun 2019 14:10

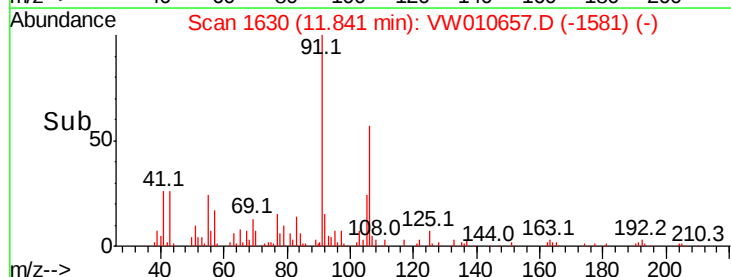
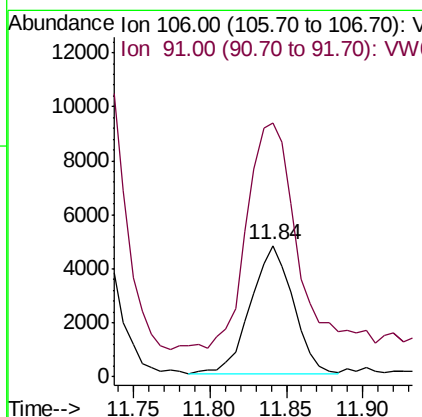
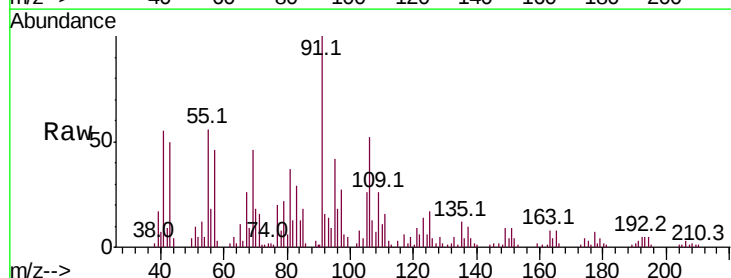
Instrument :
MSVOA_W
ClientSampleId :
CL-02-053119-E

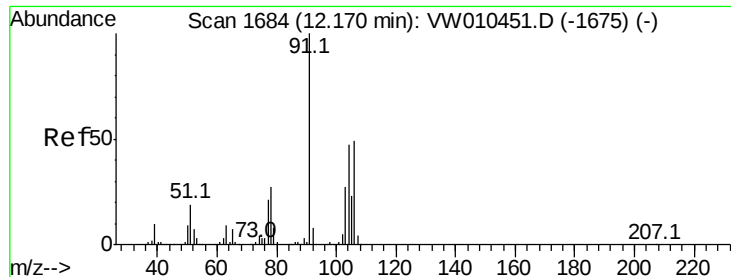
Tot Ion: 91 Resp: 18354
Ion Ratio Lower Upper
91 100
106 30.9 25.9 38.9



#68
m/p-Xylenes
Concen: 2.421 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010657.D
Acq: 03 Jun 2019 14:10

Tgt Ion: 106 Resp: 9275
Ion Ratio Lower Upper
106 100
91 209.1 156.0 234.0

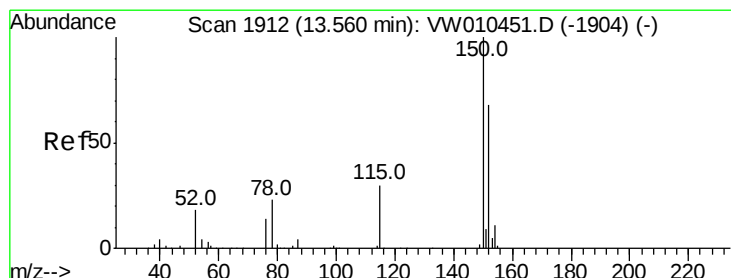
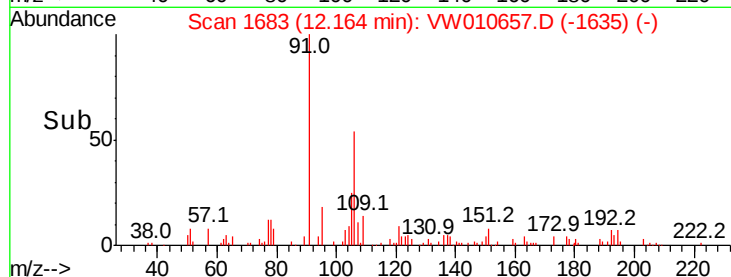
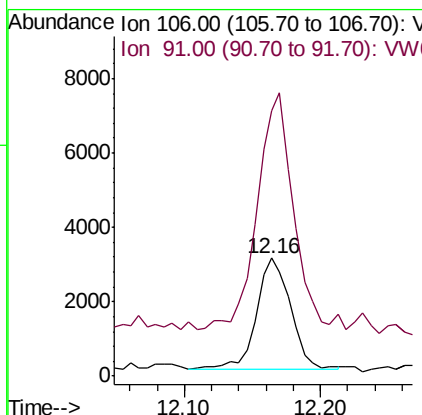
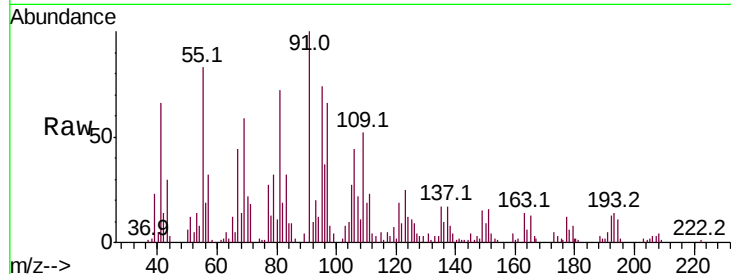




#69
o-Xylene
Concen: 1.451 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010657.D
Acq: 03 Jun 2019 14:10

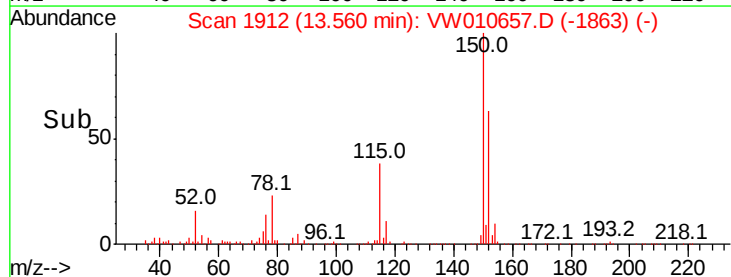
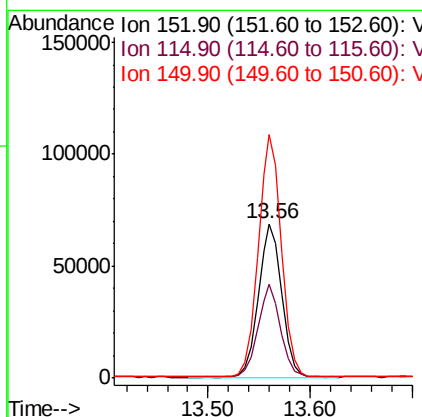
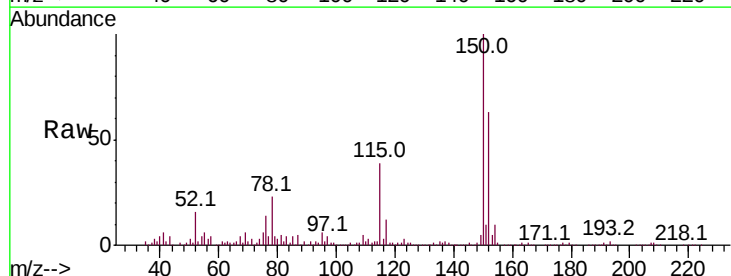
Instrument :
MSVOA_W
ClientSampleId :
CL-02-053119-E

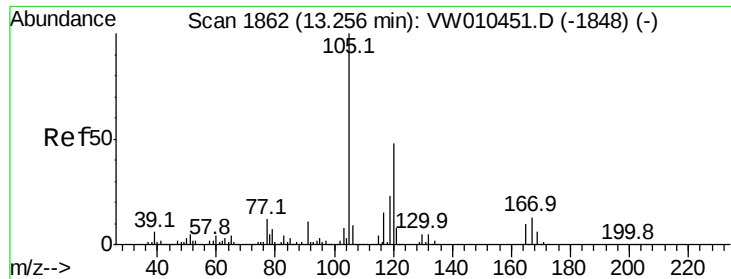
Tot Ion:106 Resp: 5267
Ion Ratio Lower Upper
106 100
91 225.9 103.2 309.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010657.D
Acq: 03 Jun 2019 14:10

Tgt Ion:152 Resp: 109528
Ion Ratio Lower Upper
152 100
115 58.3 30.3 91.0
150 155.8 0.0 349.8

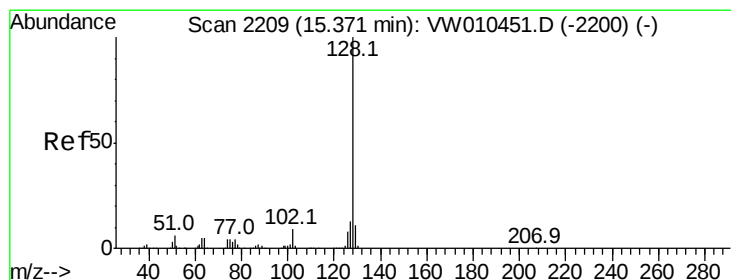
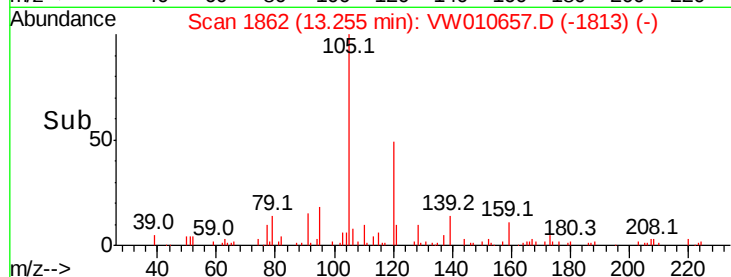
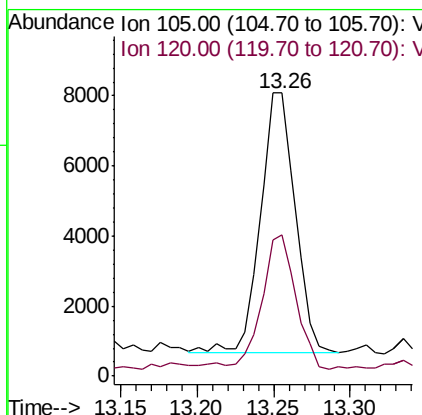
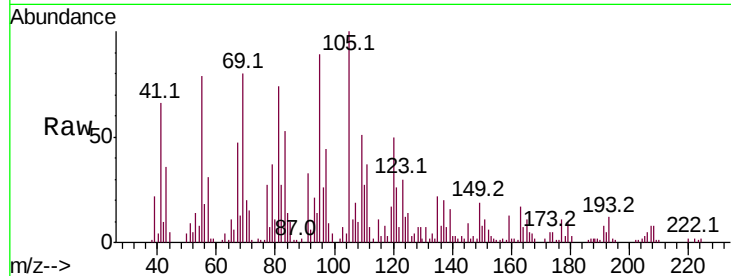




#84
 1,2,4-Trimethylbenzene
 Concen: 1.591 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010657.D
 Acq: 03 Jun 2019 14:10

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-053119-E

Tot Ion:105 Resp: 11668
 Ion Ratio Lower Upper
 105 100
 120 52.2 23.4 70.2



#95
 Naphthalene
 Concen: 5.842 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW010657.D
 Acq: 03 Jun 2019 14:10

Tgt Ion:128 Resp: 29012
 Ion Ratio Lower Upper
 128 100
 127 15.0 10.6 15.8
 129 12.3 8.9 13.3

