

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062121\
 Data File : VW019254.D
 Acq On : 21 Jun 2021 17:50
 Operator : SY/VA
 Sample : M2777-01
 Misc : 5.08G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 X-1

Quant Time: Jun 22 03:14:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

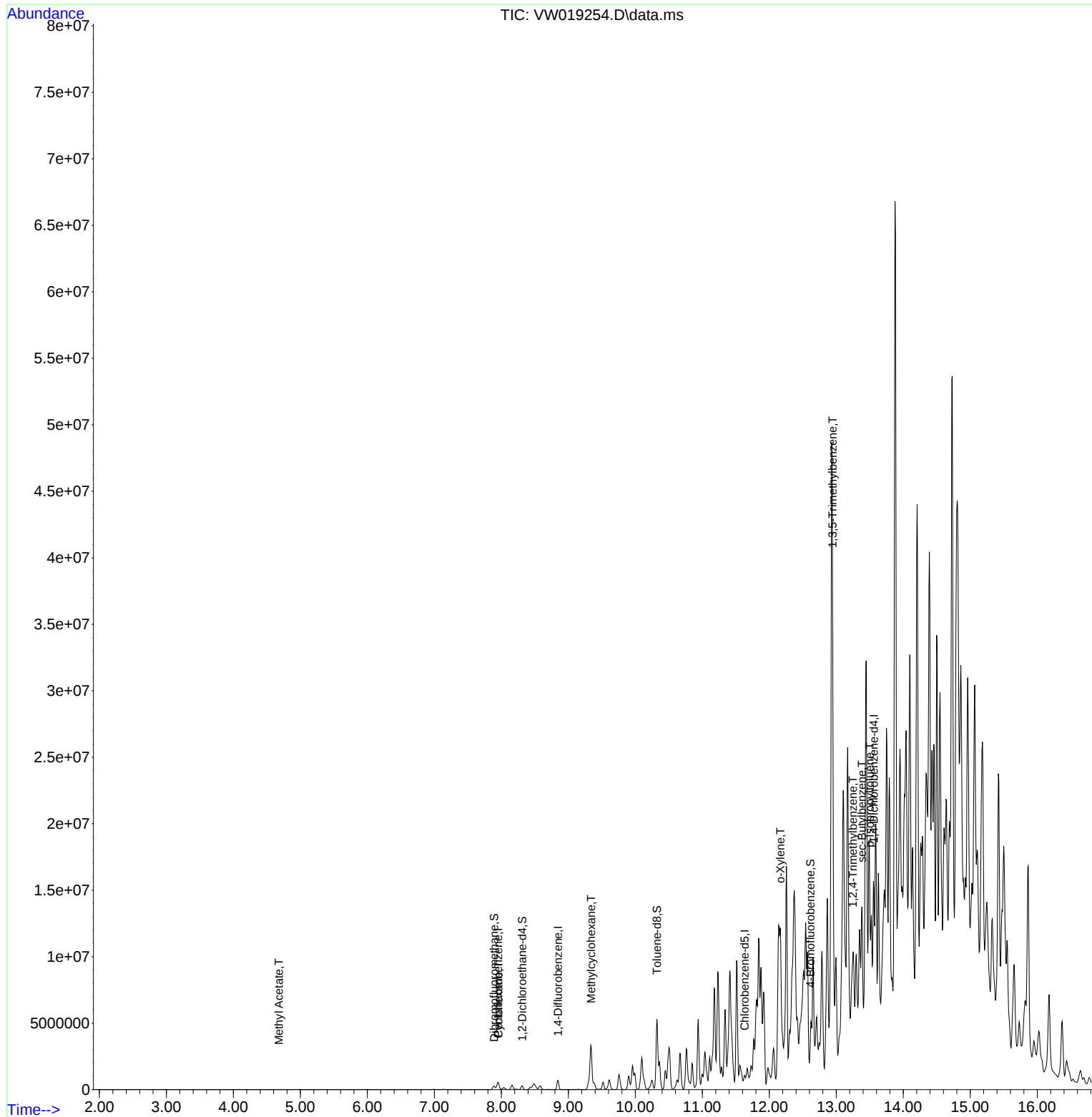
Internal Standards						
1) Pentafluorobenzene	7.952	168	317111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	589865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	400967	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	185915	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	229630	59.694	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.380%	
35) Dibromofluoromethane	7.891	113	183374	48.807	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.620%	
50) Toluene-d8	10.323	98	760985	50.597	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.200%	
62) 4-Bromofluorobenzene	12.615	95	327241	62.211	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.420%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.678	43	5973	3.803	ug/l	97
31) Cyclohexane	7.958	56	84536	12.924	ug/l #	91
39) Methylcyclohexane	9.341	83	1472276	198.842	ug/l	97
69) o-Xylene	12.164	106	1859249	345.293	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	4505551	384.316	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	3249269	279.162	ug/l	99
85) sec-Butylbenzene	13.383	105	4127145	268.072	ug/l	96
86) p-Isopropyltoluene	13.499	119	2049340	163.586	ug/l	98

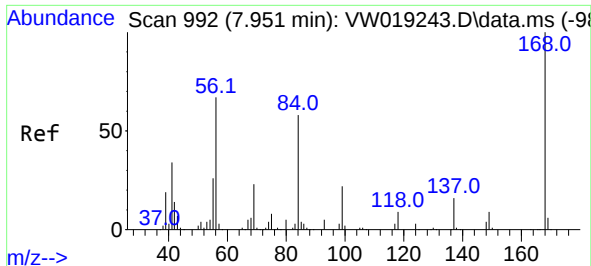
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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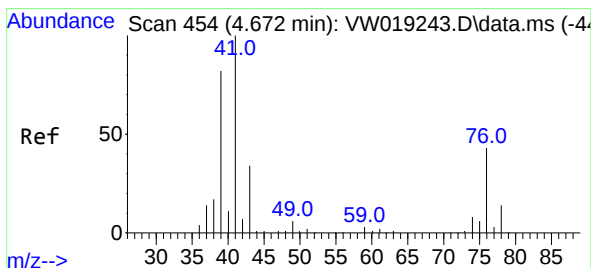
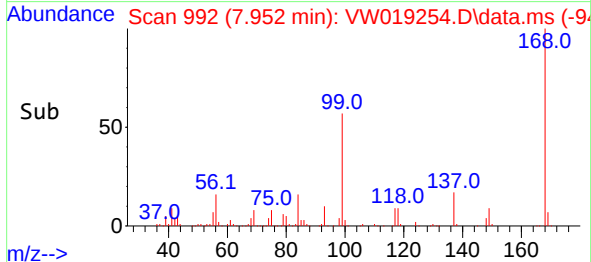
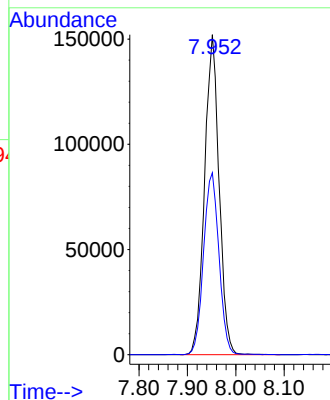
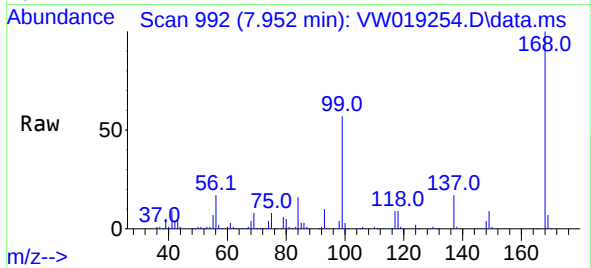




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019254.D
Acq: 21 Jun 2021 17:50

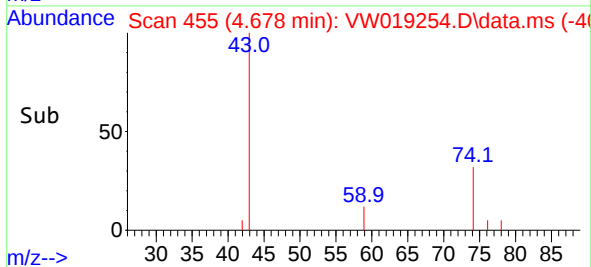
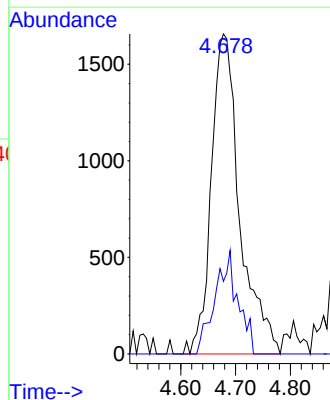
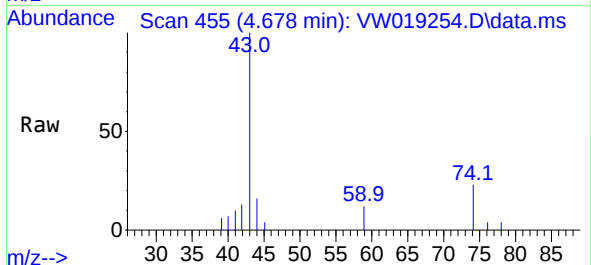
Instrument :
MSVOA_W
ClientSampleId :
X-1

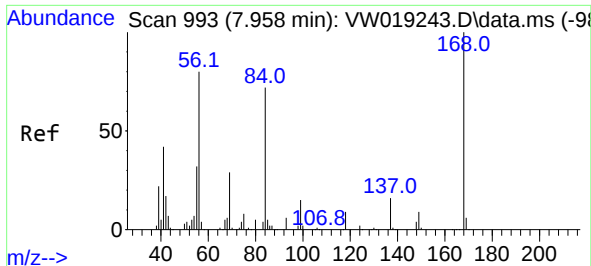
Tgt Ion:168 Resp: 317111
Ion Ratio Lower Upper
168 100
99 56.8 48.8 73.2



#18
Methyl Acetate
Concen: 3.803 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019254.D
Acq: 21 Jun 2021 17:50

Tgt Ion: 43 Resp: 5973
Ion Ratio Lower Upper
43 100
74 25.8 21.8 32.8

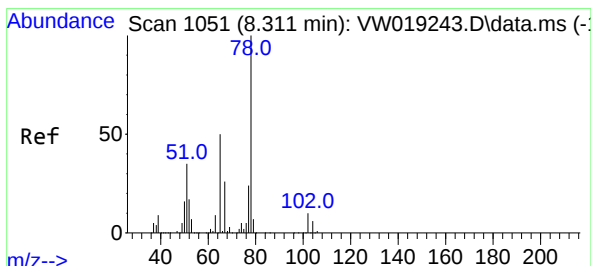
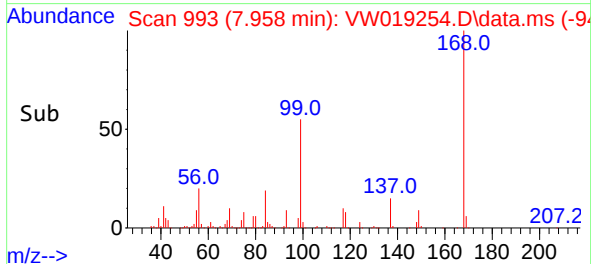
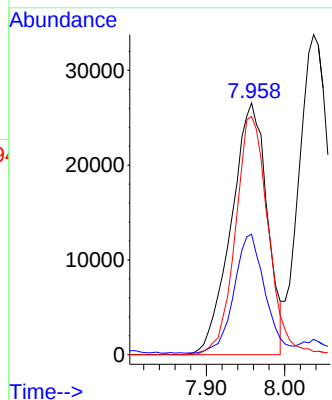
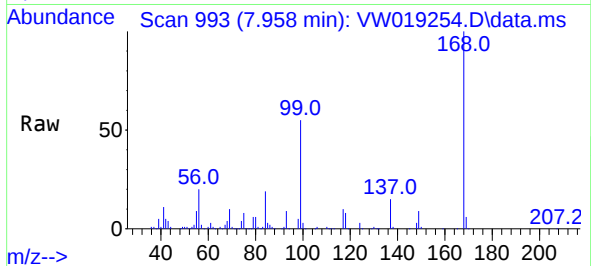




#31
Cyclohexane
Concen: 12.924 ug/l
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW019254.D
Acq: 21 Jun 2021 17:50

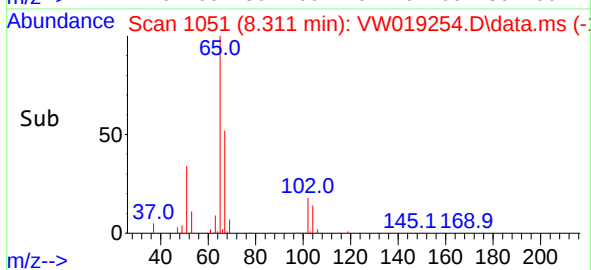
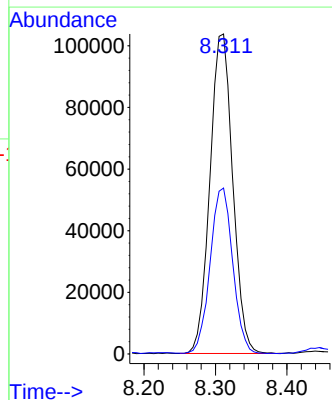
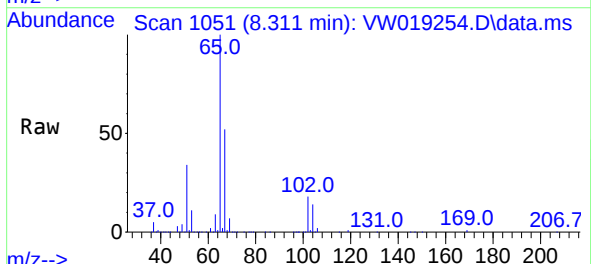
Instrument :
MSVOA_W
ClientSampled :
X-1

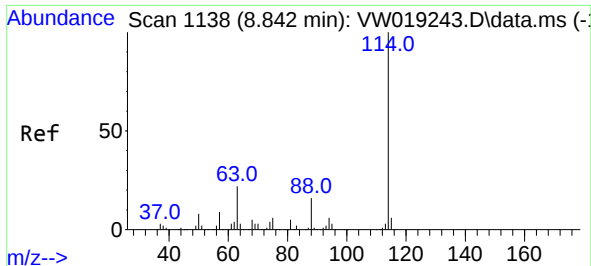
Tgt Ion: 56 Resp: 84536
Ion Ratio Lower Upper
56 100
69 47.1 28.4 42.6#
84 94.7 72.3 108.5



#33
1,2-Dichloroethane-d4
Concen: 59.694 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019254.D
Acq: 21 Jun 2021 17:50

Tgt Ion: 65 Resp: 229630
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

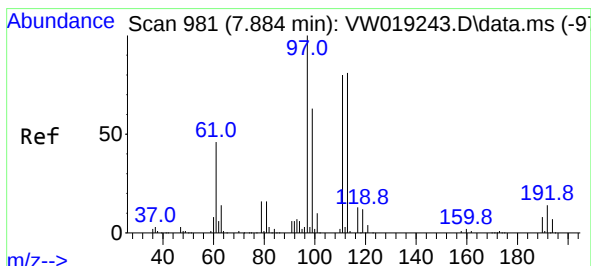
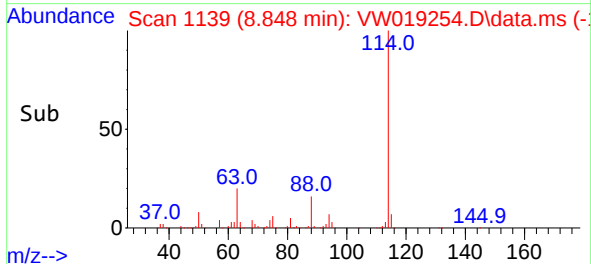
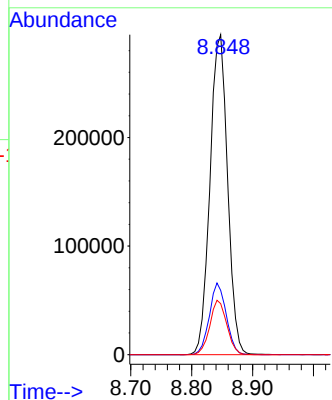
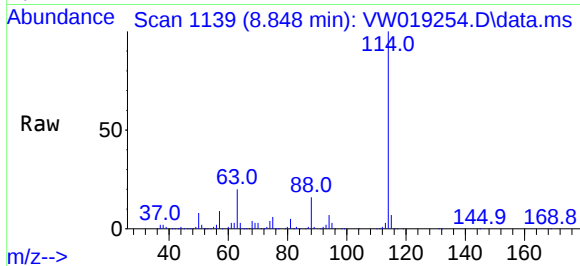




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW019254.D
Acq: 21 Jun 2021 17:50

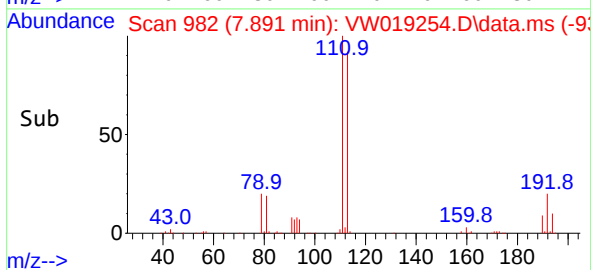
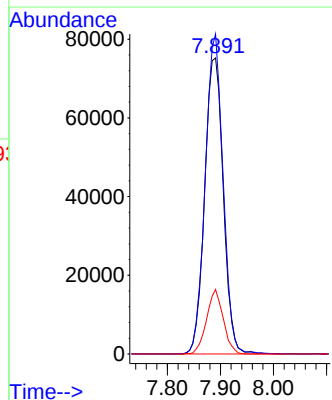
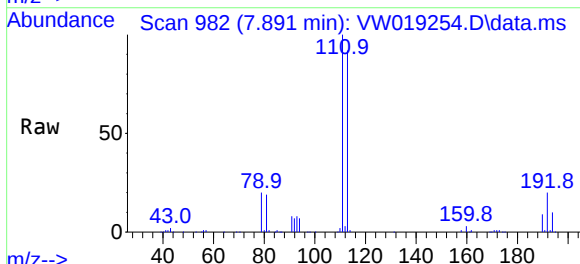
Instrument :
MSVOA_W
ClientSampled :
X-1

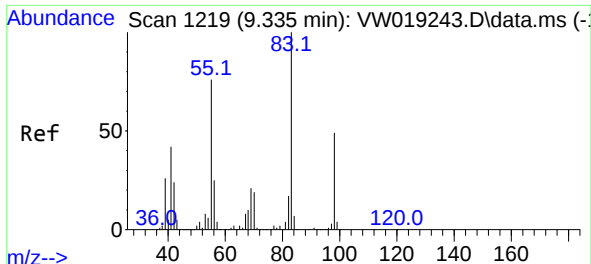
Tgt Ion:114 Resp: 589865
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.807 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.007 min
Lab File: VW019254.D
Acq: 21 Jun 2021 17:50

Tgt Ion:113 Resp: 183374
Ion Ratio Lower Upper
113 100
111 104.1 82.3 123.5
192 19.5 15.3 22.9

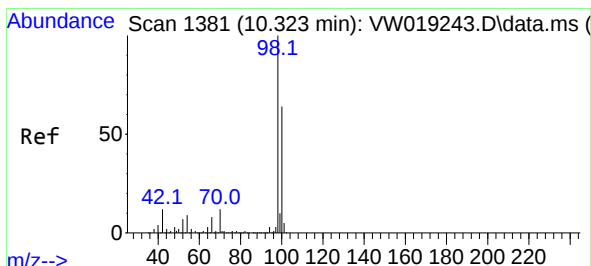
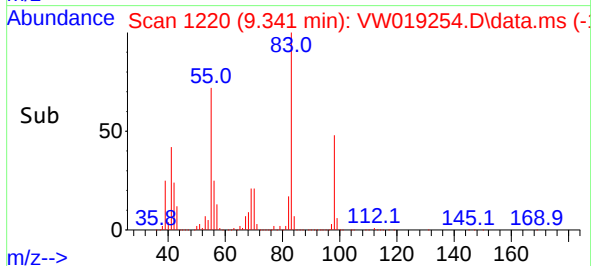
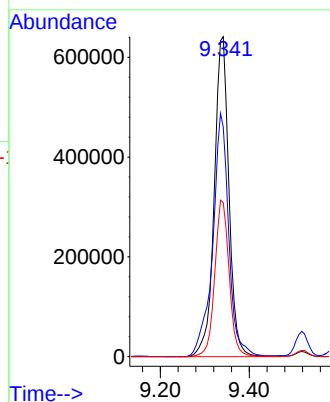
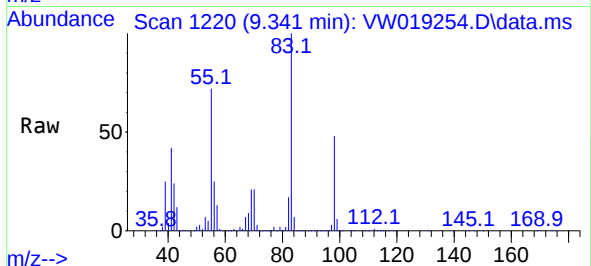




#39
Methylcyclohexane
Concen: 198.842 ug/l
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW019254.D
Acq: 21 Jun 2021 17:50

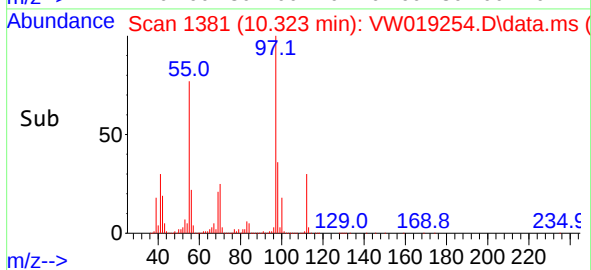
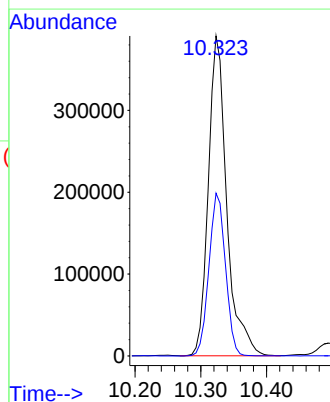
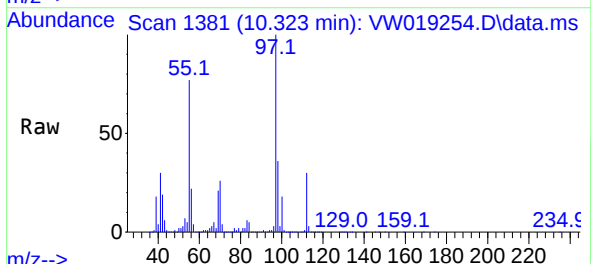
Instrument :
MSVOA_W
ClientSampleId :
X-1

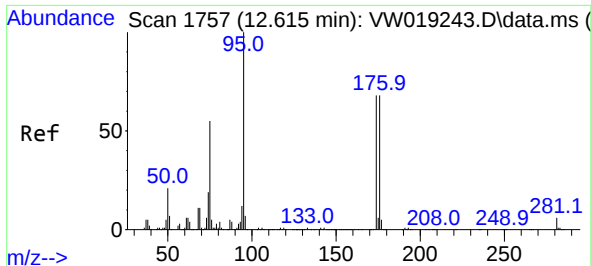
Tgt Ion: 83 Resp: 1472276
Ion Ratio Lower Upper
83 100
55 71.8 60.9 91.3
98 48.2 38.4 57.6



#50
Toluene-d8
Concen: 50.597 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019254.D
Acq: 21 Jun 2021 17:50

Tgt Ion: 98 Resp: 760985
Ion Ratio Lower Upper
98 100
100 45.7 52.0 78.0#

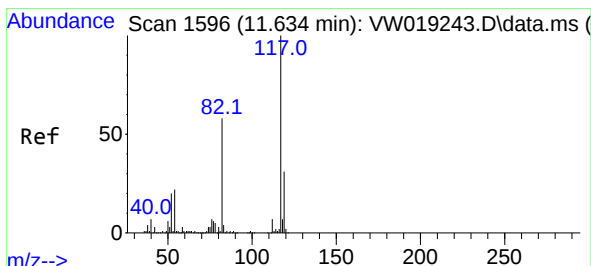
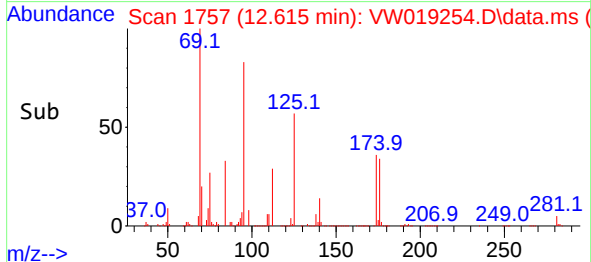
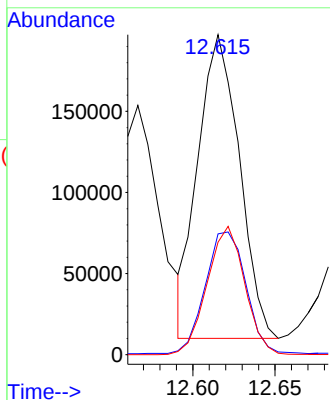
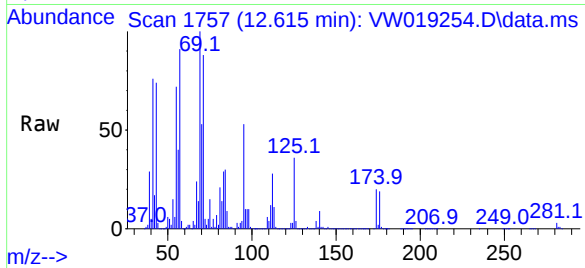




#62
4-Bromofluorobenzene
Concen: 62.211 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW019254.D
Acq: 21 Jun 2021 17:50

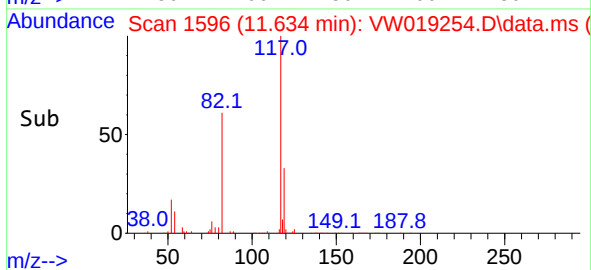
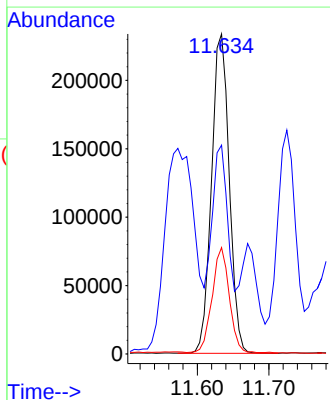
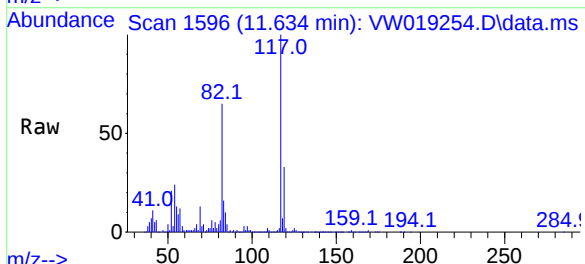
Instrument :
MSVOA_W
ClientSampled :
X-1

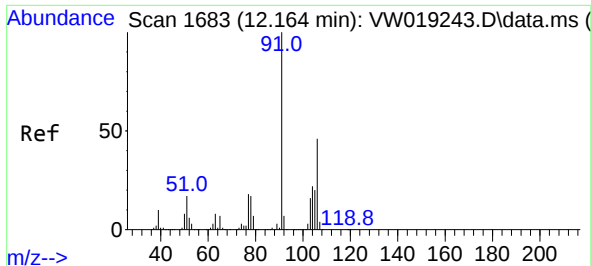
Tgt Ion: 95 Resp: 327241
Ion Ratio Lower Upper
95 100
174 39.8 0.0 156.2
176 38.5 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019254.D
Acq: 21 Jun 2021 17:50

Tgt Ion: 117 Resp: 400967
Ion Ratio Lower Upper
117 100
82 21.2 44.4 66.6#
119 33.0 24.6 36.8

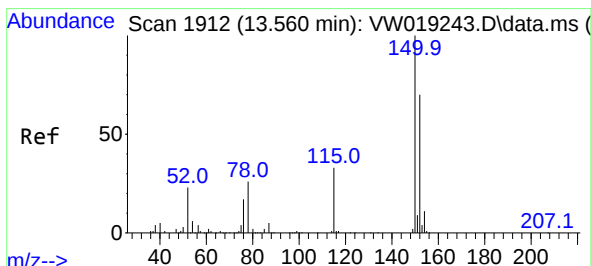
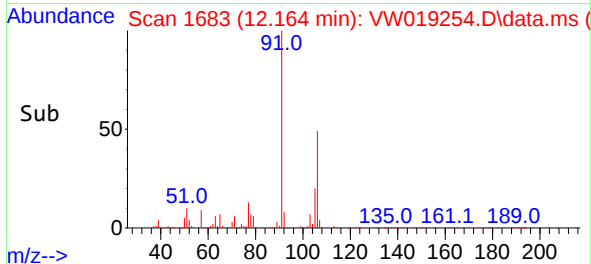
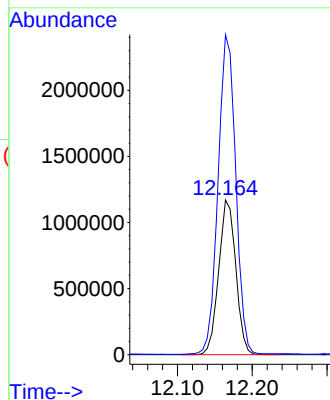
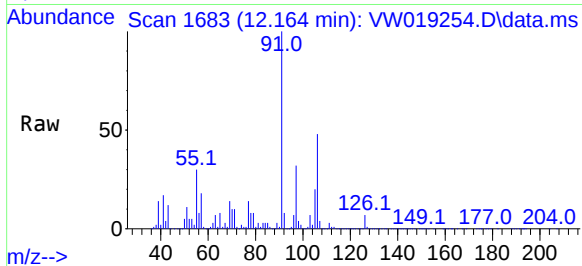




#69
o-Xylene
Concen: 345.293 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019254.D
Acq: 21 Jun 2021 17:50

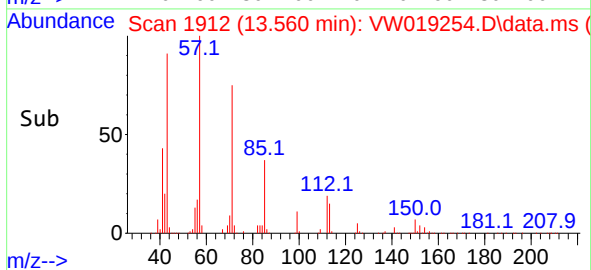
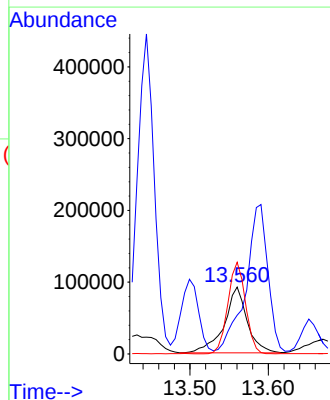
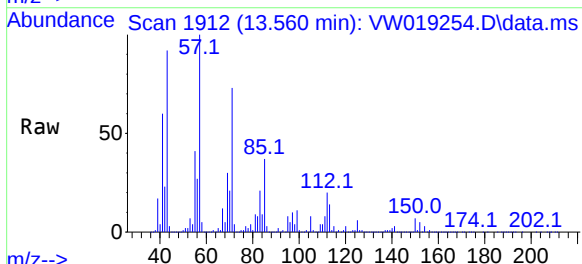
Instrument :
MSVOA_W
ClientSampled :
X-1

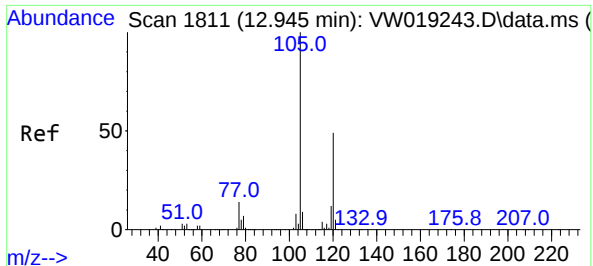
Tgt Ion:106 Resp: 1859249
Ion Ratio Lower Upper
106 100
91 214.0 109.1 327.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019254.D
Acq: 21 Jun 2021 17:50

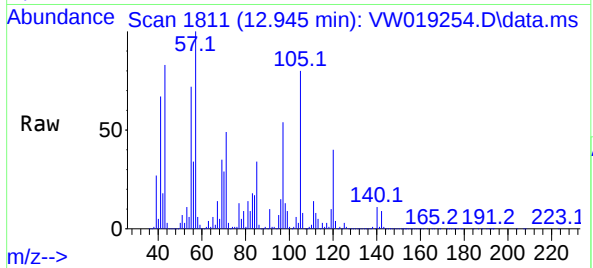
Tgt Ion:152 Resp: 185915
Ion Ratio Lower Upper
152 100
115 0.0 30.3 90.8#
150 107.5 0.0 356.0



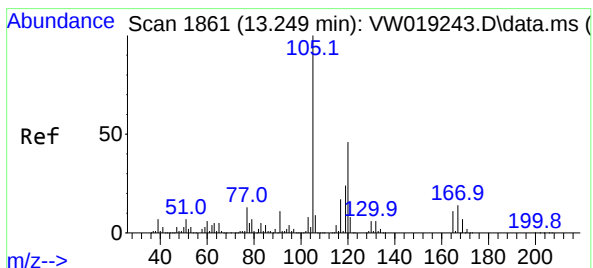
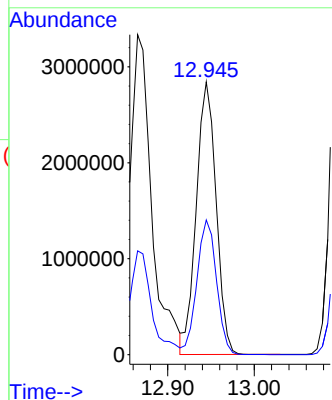
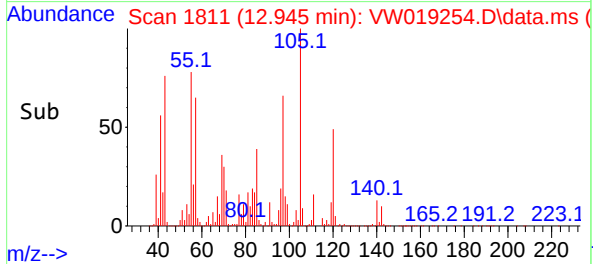


#80
1,3,5-Trimethylbenzene
Concen: 384.316 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019254.D
Acq: 21 Jun 2021 17:50

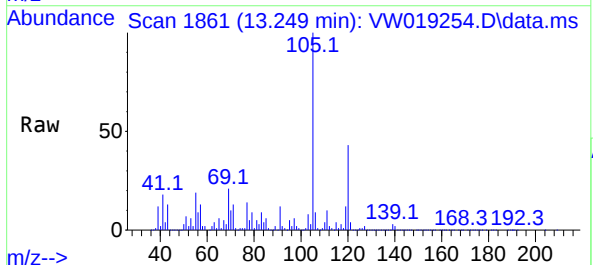
Instrument :
MSVOA_W
ClientSampled :
X-1



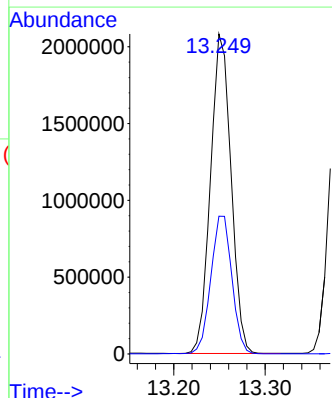
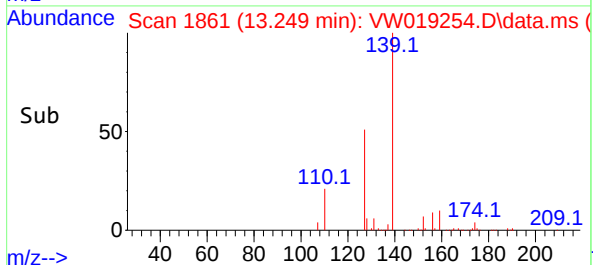
Tgt Ion:105 Resp: 4505551
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.2

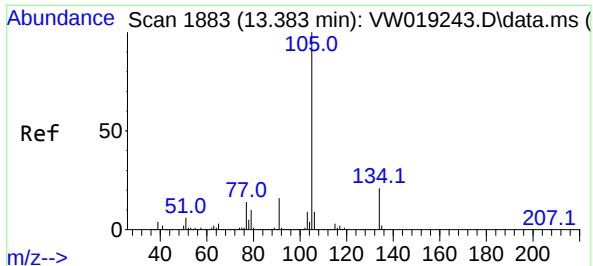


#84
1,2,4-Trimethylbenzene
Concen: 279.162 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019254.D
Acq: 21 Jun 2021 17:50



Tgt Ion:105 Resp: 3249269
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.0

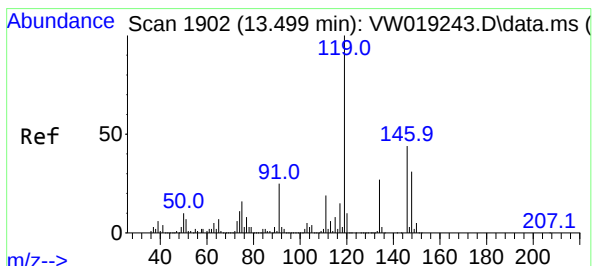
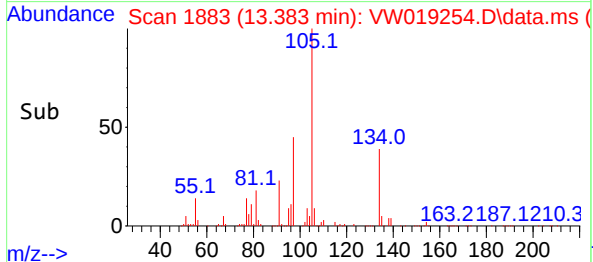
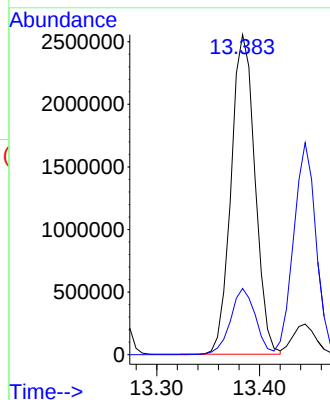
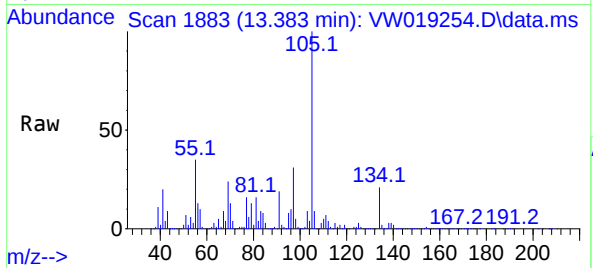




#85
 sec-Butylbenzene
 Concen: 268.072 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW019254.D
 Acq: 21 Jun 2021 17:50

Instrument :
 MSVOA_W
 ClientSampled :
 X-1

Tgt Ion:105 Resp: 4127145
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 163.586 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW019254.D
 Acq: 21 Jun 2021 17:50

Tgt Ion:119 Resp: 2049340
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 24.9 12.1 36.3

