

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019261.D
 Acq On : 22 Jun 2021 12:10
 Operator : SY/VA
 Sample : M2793-04
 Misc : 5.96G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 23 05:40:08 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)

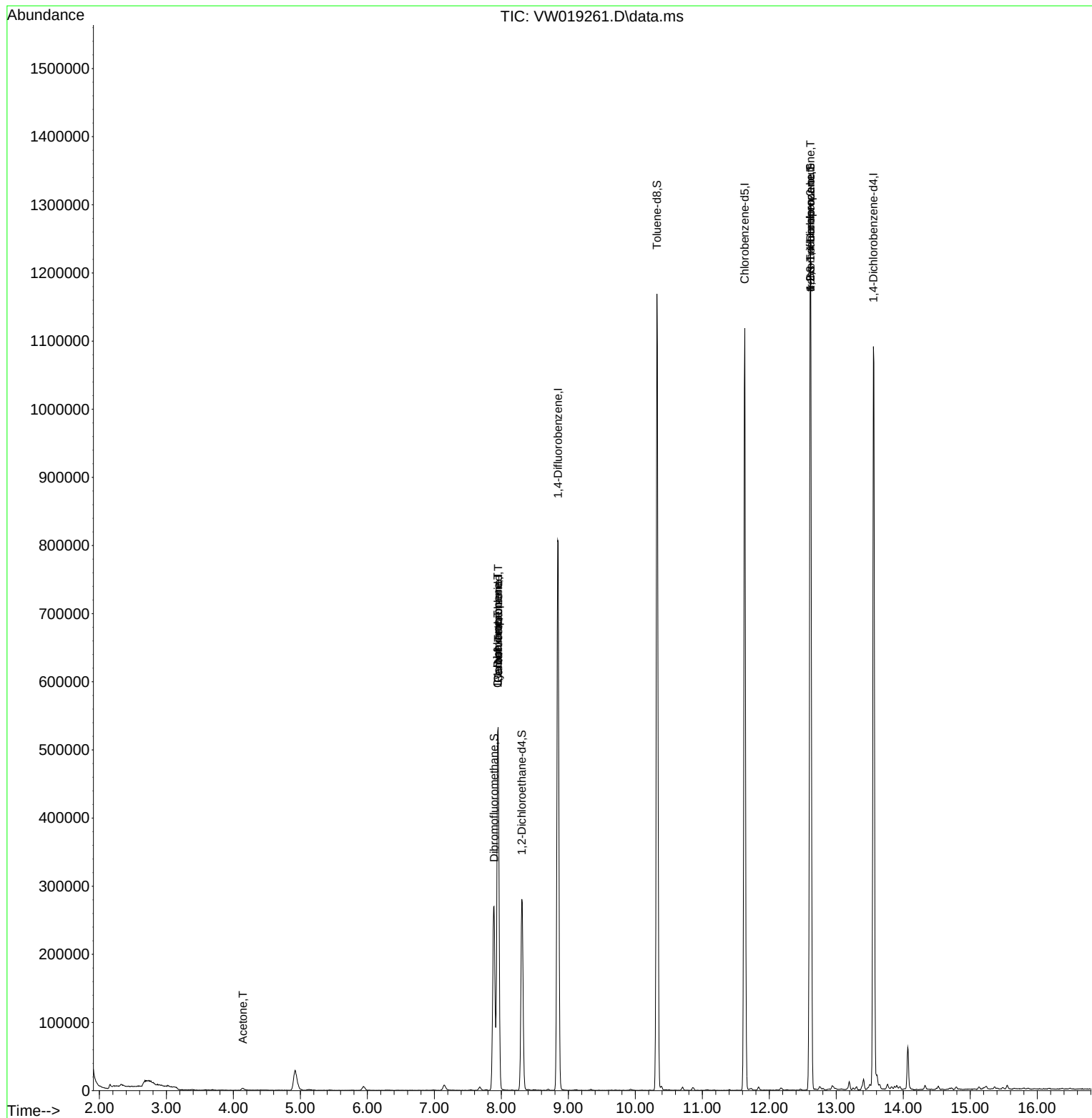
Internal Standards						
1) Pentafluorobenzene	7.952	168	396852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	681268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	597966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	281640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	231580	48.105	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.200%	
35) Dibromofluoromethane	7.891	113	193045	44.488	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.980%	
50) Toluene-d8	10.323	98	764051	43.985	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.960%	
62) 4-Bromofluorobenzene	12.615	95	275294	45.313	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.220	59	109	Below Cal	#	71
16) Acetone	4.141	43	6112	7.910	ug/l #	85
20) Methylene Chloride	4.922	84	27109	Below Cal		95
31) Cyclohexane	7.946	56	9753	1.191	ug/l #	11
36) 1,1-Dichloropropene	7.946	75	33616	4.662	ug/l #	49
38) Carbon Tetrachloride	7.952	117	40910	6.491	ug/l #	15
76) 1,2,3-Trichloropropane	12.615	75	150352	54.493	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	150352	132.196	ug/l #	10

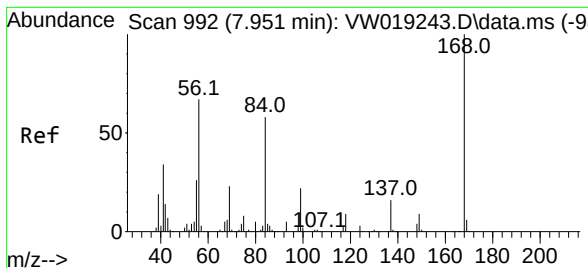
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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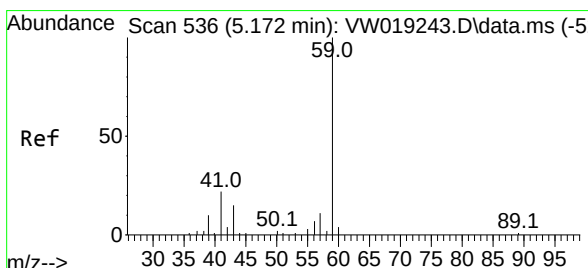
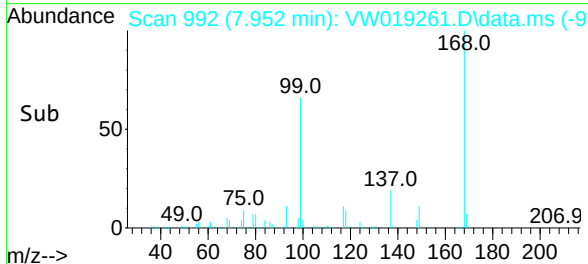
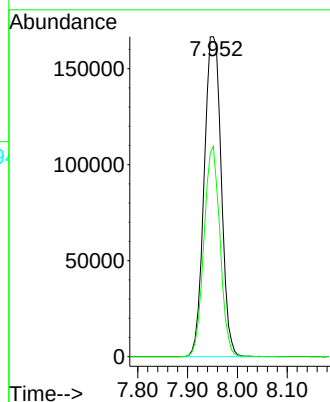
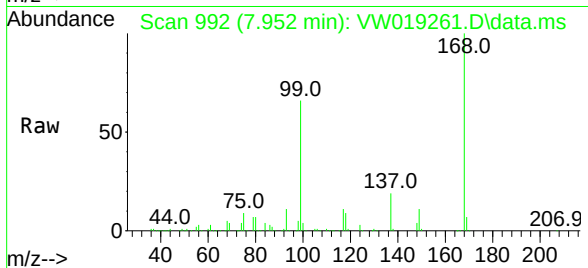




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

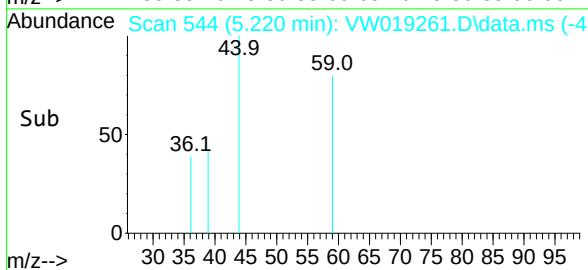
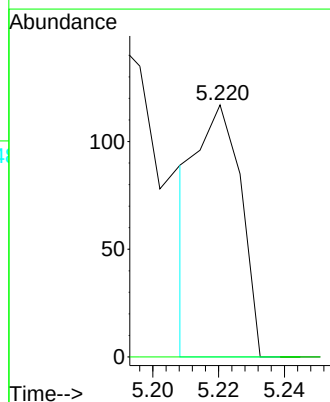
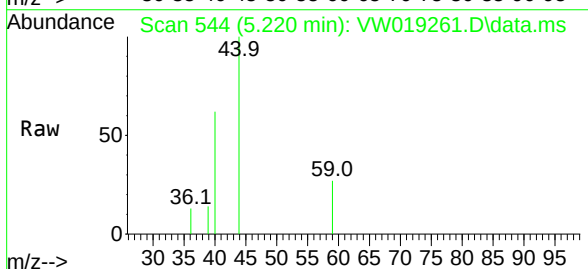
Instrument :
MSVOA_W
ClientSampleId :

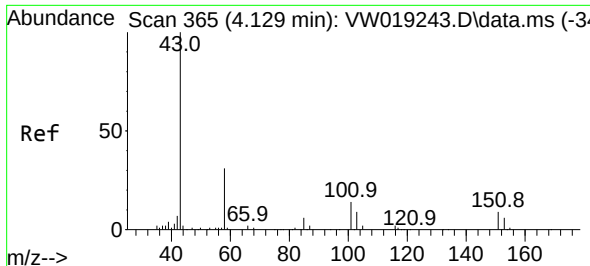
Tgt Ion:168 Resp: 396852
Ion Ratio Lower Upper
168 100
99 65.8 48.8 73.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 544
Delta R.T. 0.048 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

Tgt Ion: 59 Resp: 109
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

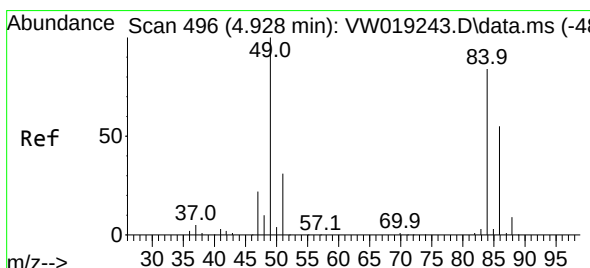
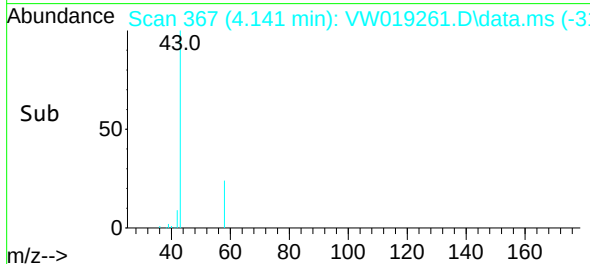
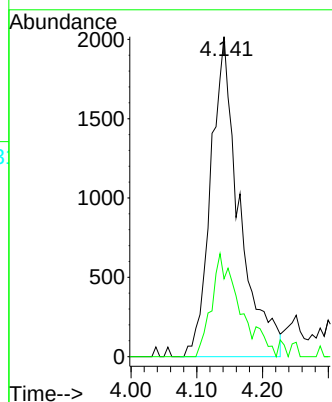
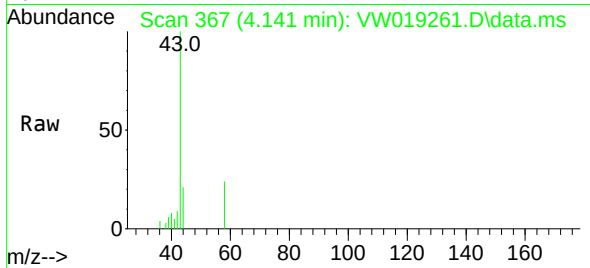




#16
Acetone
Concen: 7.910 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

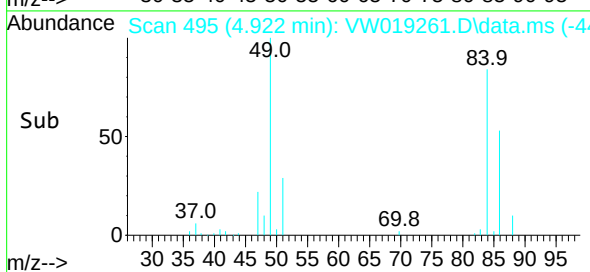
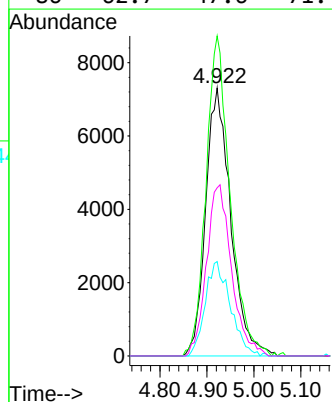
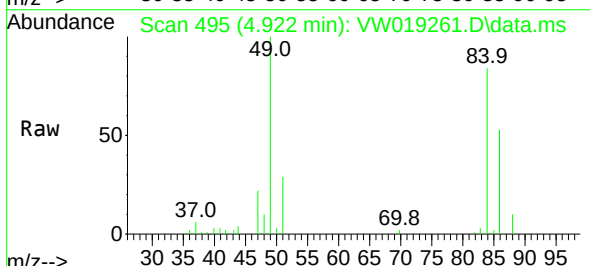
Instrument :
MSVOA_W
ClientSampled :

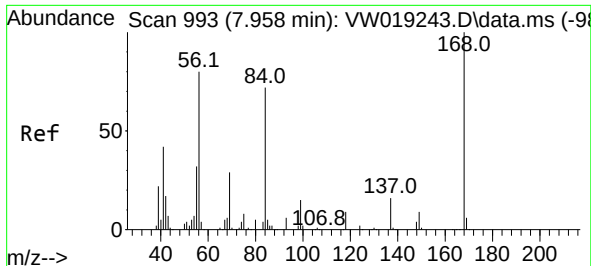
Tgt Ion: 43 Resp: 6112
Ion Ratio Lower Upper
43 100
58 24.3 26.4 39.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

Tgt Ion: 84 Resp: 27109
Ion Ratio Lower Upper
84 100
49 119.4 90.4 135.6
51 35.2 27.1 40.7
86 62.7 47.6 71.4

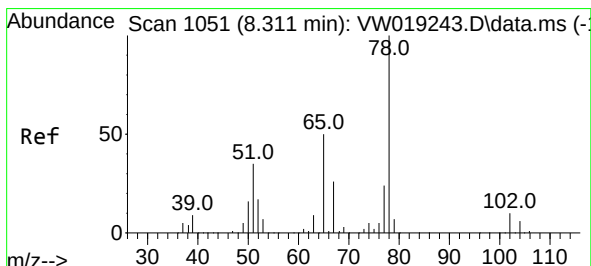
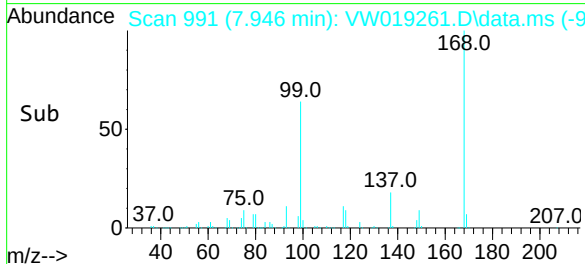
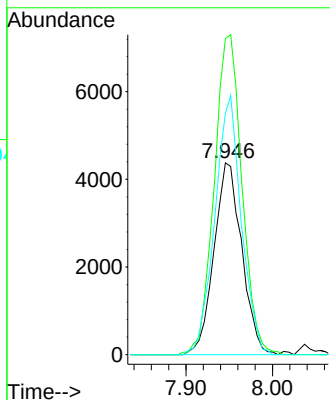
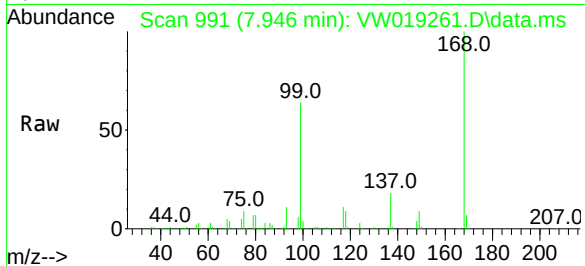




#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

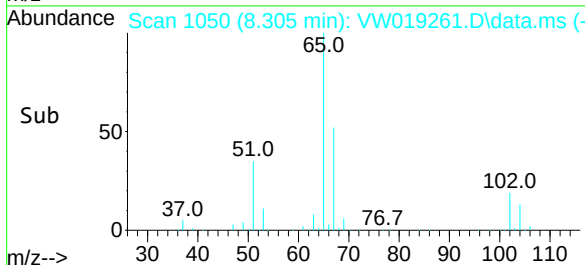
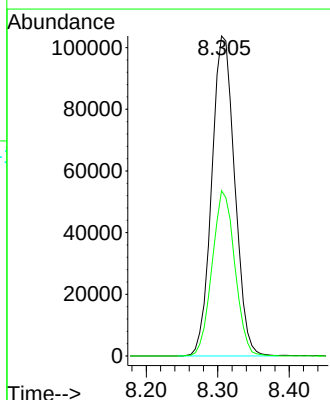
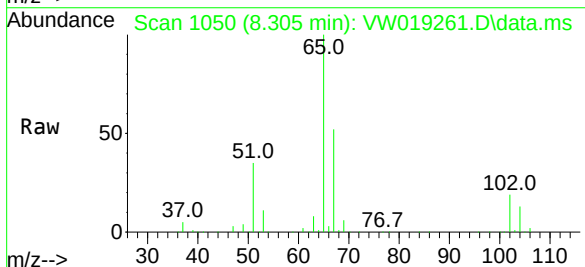
Instrument :
MSVOA_W
ClientSampleId :

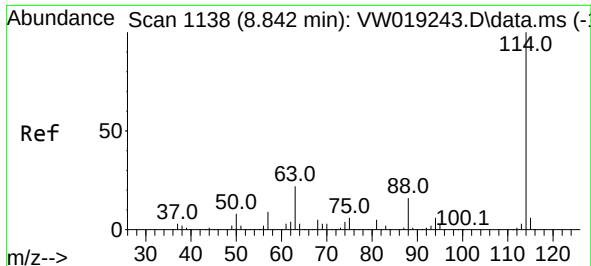
Tgt Ion: 56 Resp: 9753
Ion Ratio Lower Upper
56 100
69 164.8 28.4 42.6#
84 125.8 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 48.105 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

Tgt Ion: 65 Resp: 231580
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0

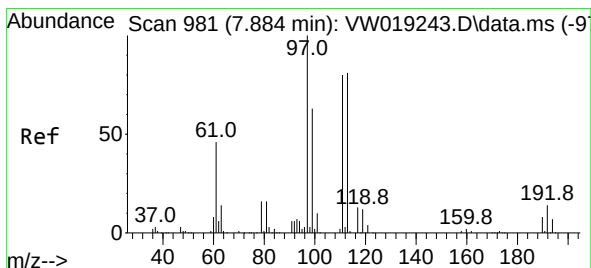
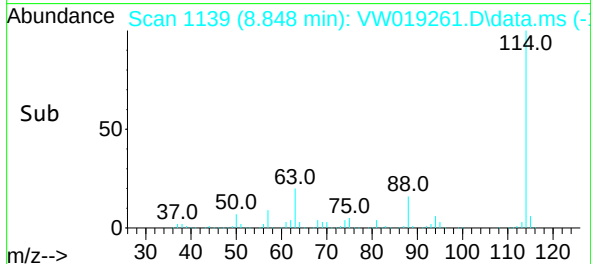
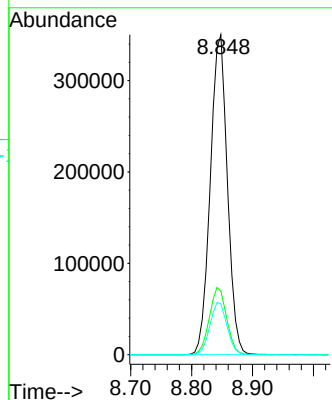
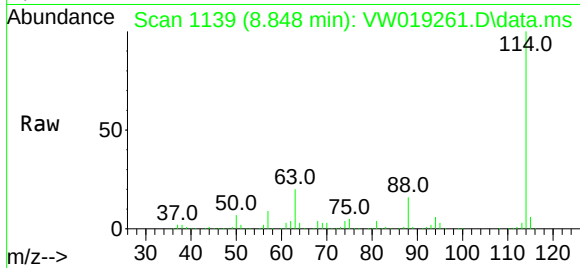




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

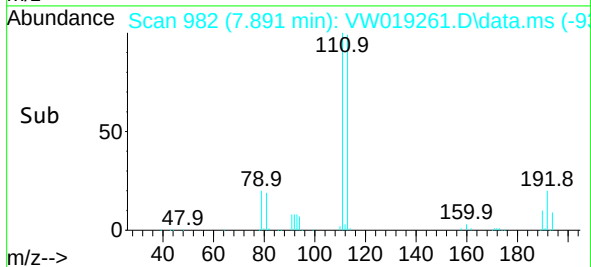
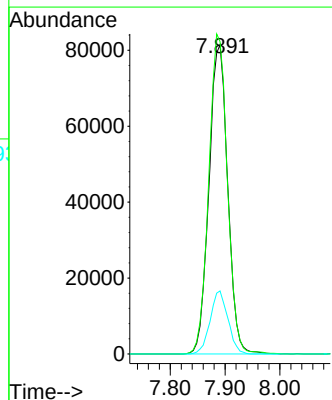
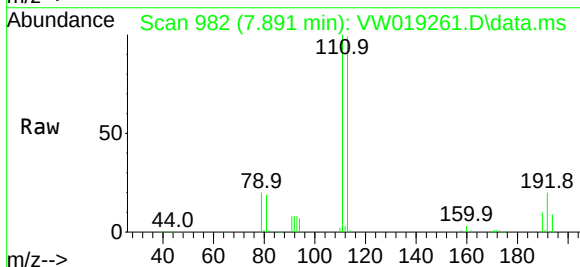
Instrument :
MSVOA_W
ClientSampleId :

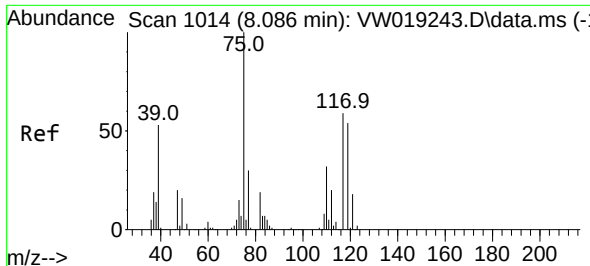
Tgt Ion:114 Resp: 681268
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 44.488 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.007 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

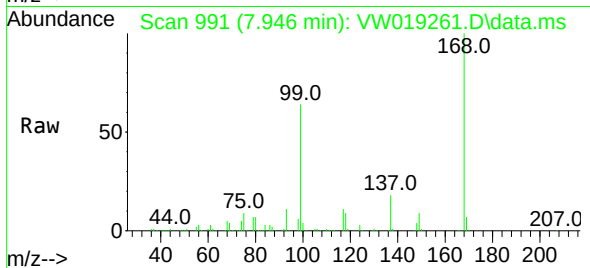
Tgt Ion:113 Resp: 193045
Ion Ratio Lower Upper
113 100
111 102.8 82.3 123.5
192 19.3 15.3 22.9



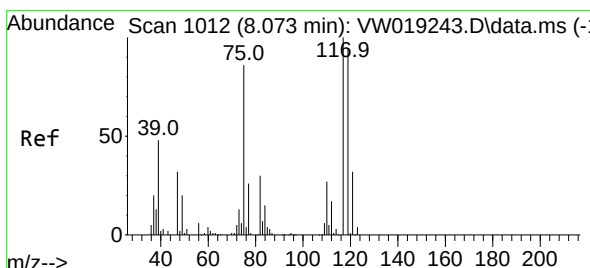
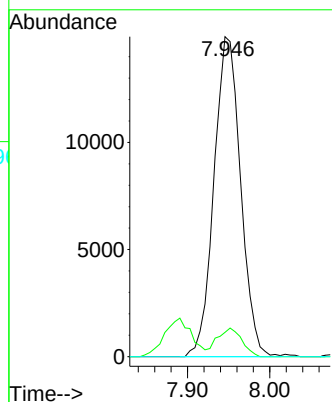
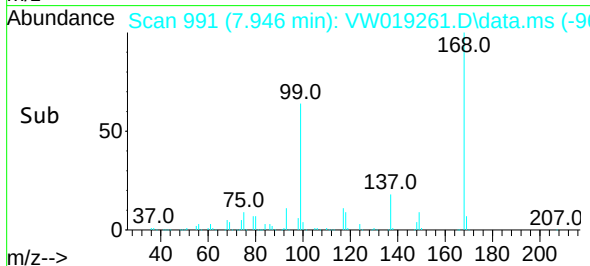


#36
1,1-Dichloropropene
Concen: 4.662 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

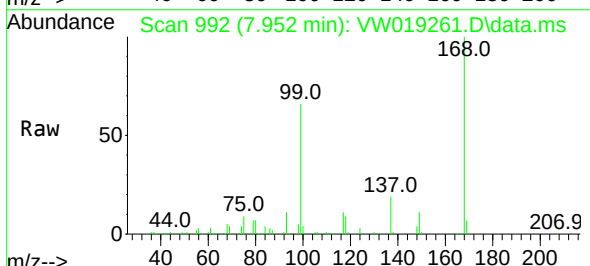
Instrument :
MSVOA_W
ClientSampled :



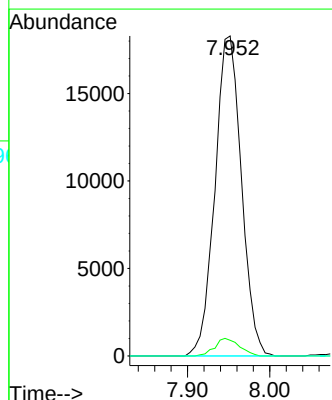
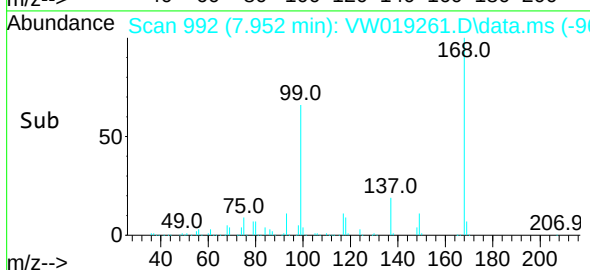
Tgt Ion: 75 Resp: 33616
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 25.3 37.9#

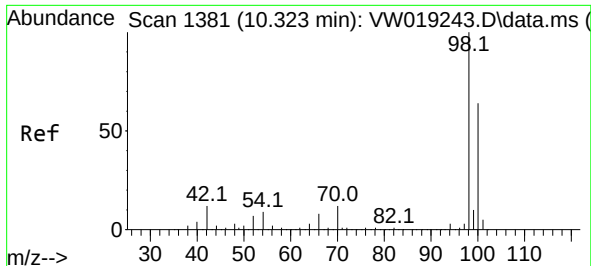


#38
Carbon Tetrachloride
Concen: 6.491 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.121 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10



Tgt Ion: 117 Resp: 40910
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.0#
121 0.0 23.6 35.4#

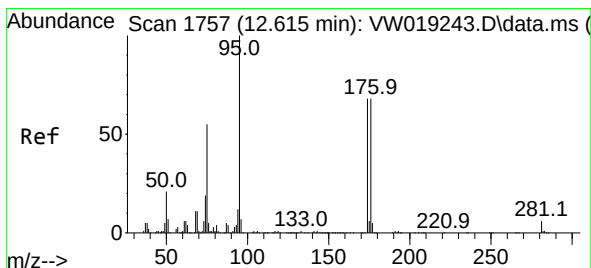
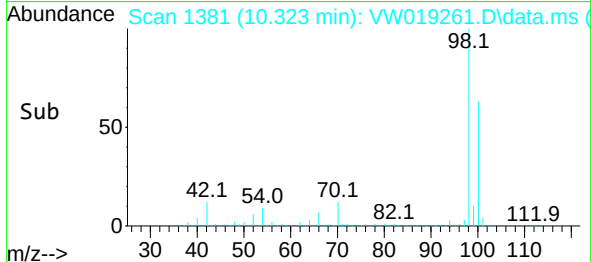
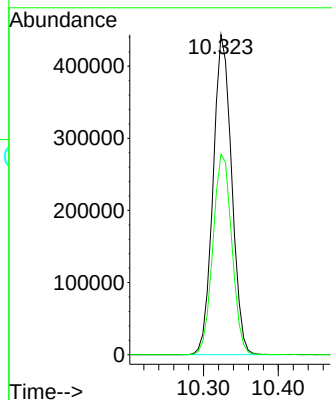
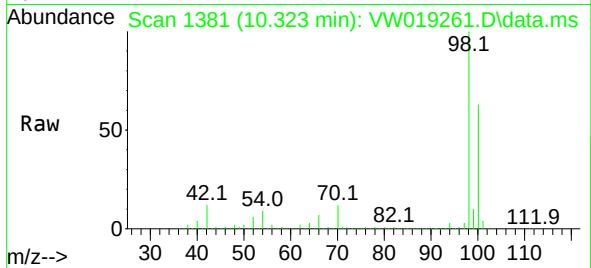




#50
Toluene-d8
Concen: 43.985 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

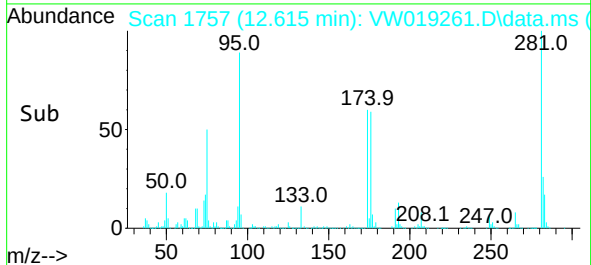
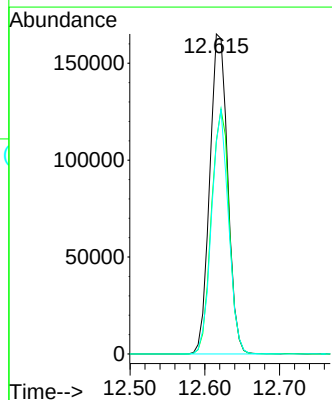
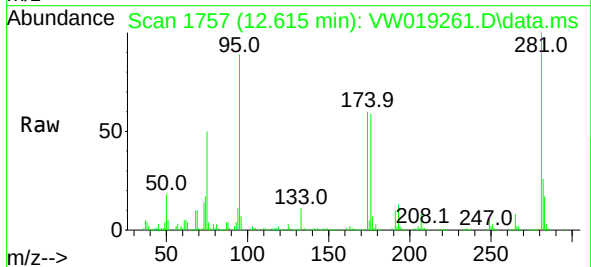
Instrument :
MSVOA_W
ClientSampled :

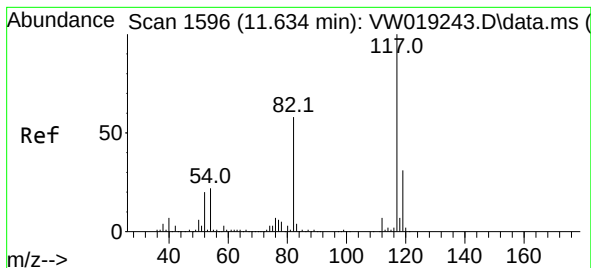
Tgt Ion: 98 Resp: 764051
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.313 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

Tgt Ion: 95 Resp: 275294
Ion Ratio Lower Upper
95 100
174 75.5 0.0 156.2
176 72.2 0.0 160.8

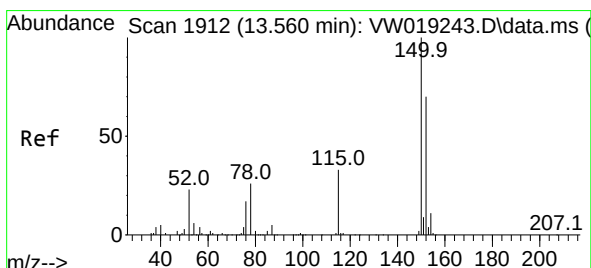
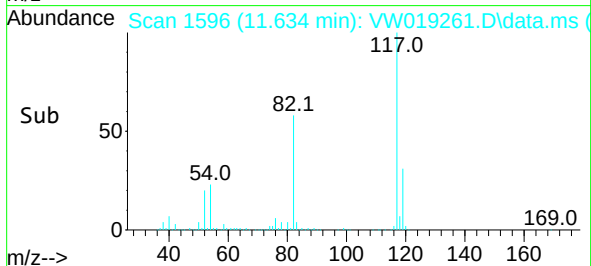
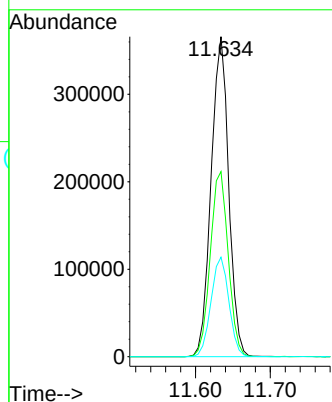
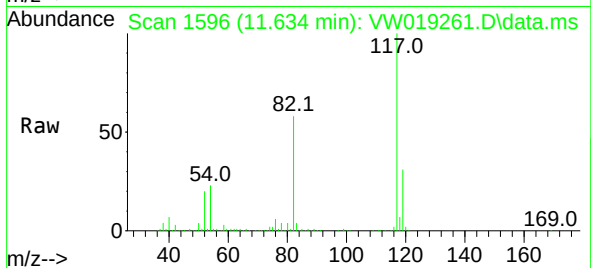




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

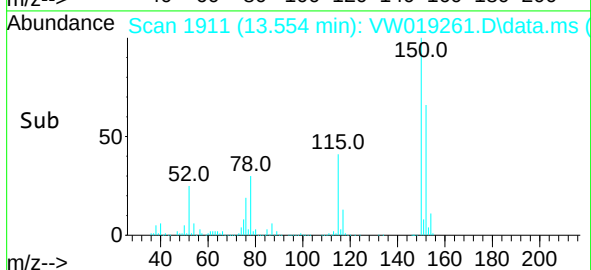
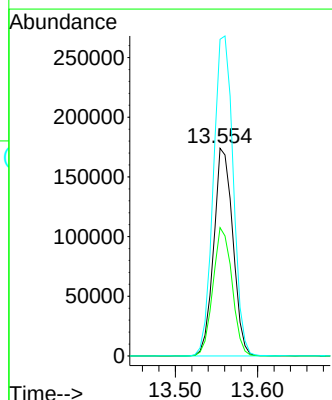
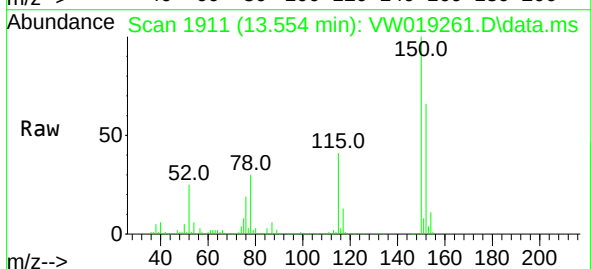
Instrument :
MSVOA_W
ClientSampleId :

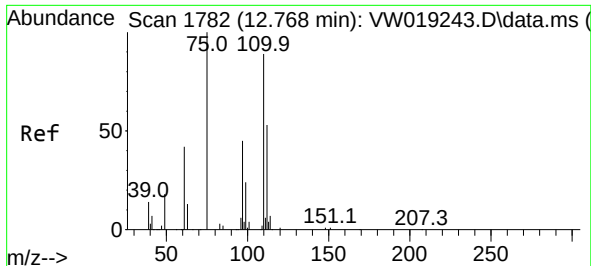
Tgt Ion:117 Resp: 597966
Ion Ratio Lower Upper
117 100
82 57.9 44.4 66.6
119 31.1 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

Tgt Ion:152 Resp: 281640
Ion Ratio Lower Upper
152 100
115 61.4 30.3 90.8
150 159.7 0.0 356.0

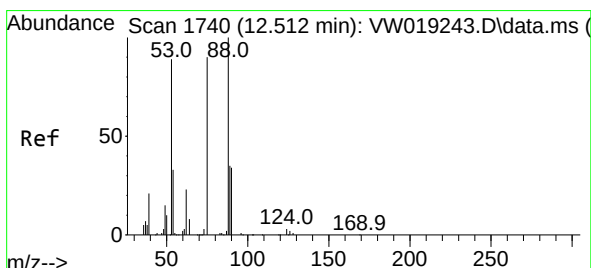
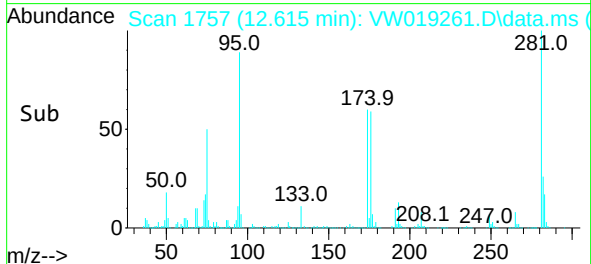
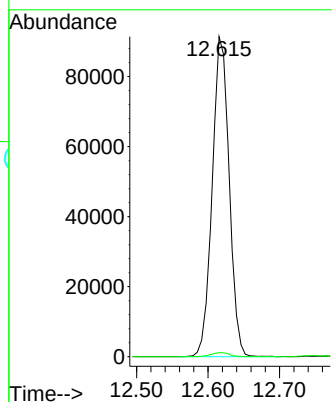
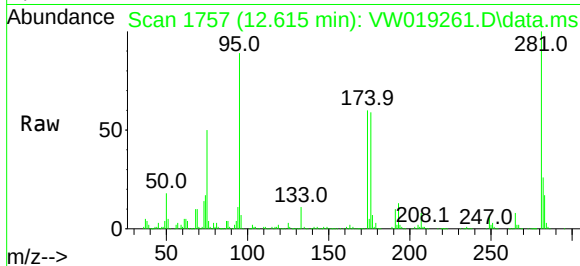




#76
1,2,3-Trichloropropane
Concen: 54.493 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 150352
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.196 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW019261.D
Acq: 22 Jun 2021 12:10

Tgt Ion: 75 Resp: 150352
Ion Ratio Lower Upper
75 100
53 0.1 81.5 122.3#
89 1.9 36.3 54.5#

