

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019271.D
 Acq On : 22 Jun 2021 16:10
 Operator : SY/VA
 Sample : M2772-03
 Misc : 5.70G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 23 05:42:34 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)

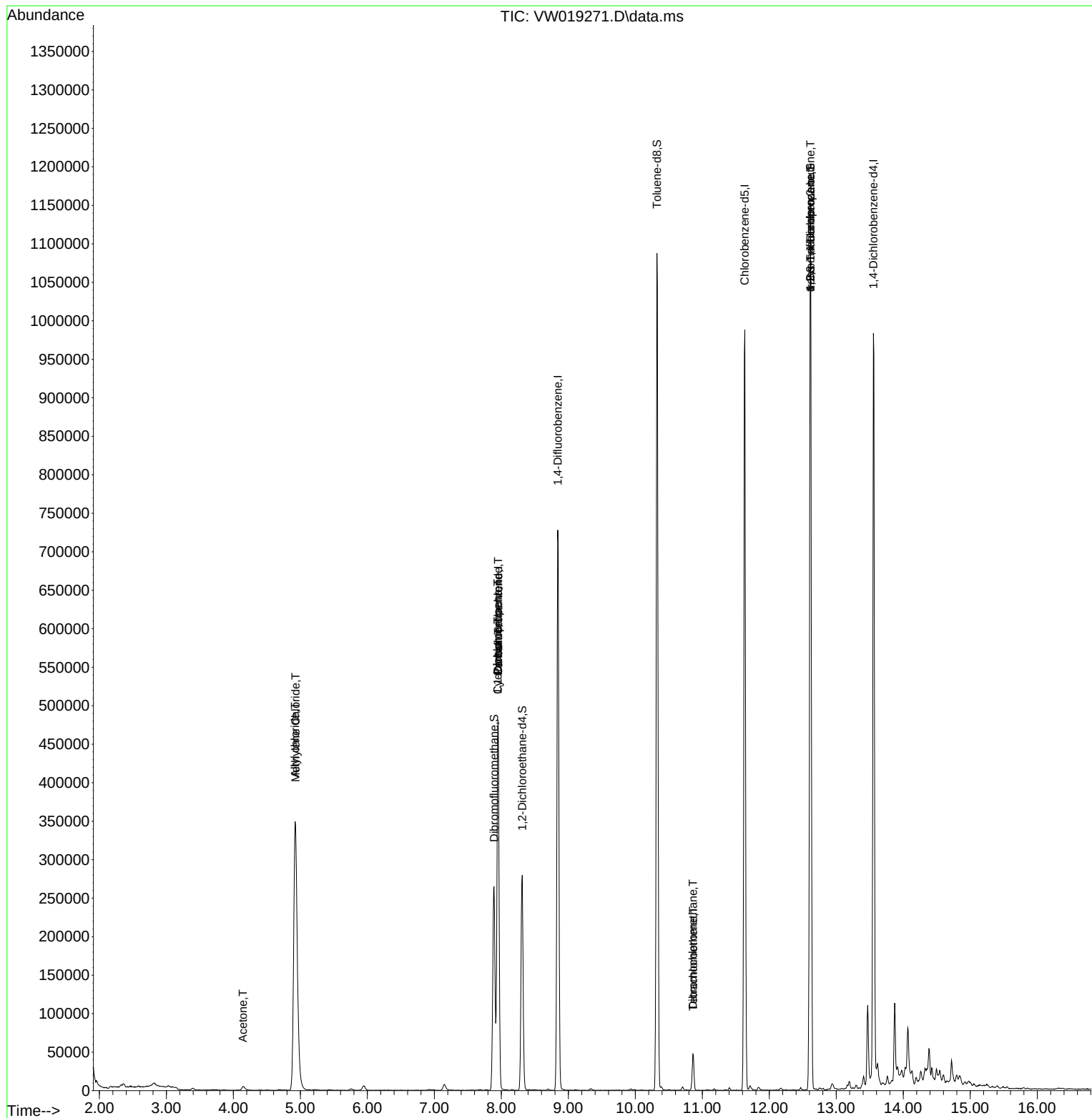
Internal Standards						
1) Pentafluorobenzene	7.952	168	344318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	603743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	535286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	239207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	228977	54.821	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.640%	
35) Dibromofluoromethane	7.891	113	187645	48.796	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.600%	
50) Toluene-d8	10.323	98	717432	46.604	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.200%	
62) 4-Bromofluorobenzene	12.615	95	254313	47.235	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.220	59	1416	Below Cal	#	71
14) Allyl chloride	4.922	41	7594	1.520	ug/l #	17
16) Acetone	4.141	43	10099	15.065	ug/l	96
20) Methylene Chloride	4.928	84	330598	86.164	ug/l	96
31) Cyclohexane	7.946	56	9162	1.290	ug/l #	13
36) 1,1-Dichloropropene	7.946	75	29583	4.630	ug/l #	50
38) Carbon Tetrachloride	7.952	117	35607	6.375	ug/l #	17
60) Dibromochloromethane	10.860	129	9225	2.742	ug/l #	11
64) Tetrachloroethene	10.866	164	9397	2.762	ug/l	94
76) 1,2,3-Trichloropropane	12.615	75	140453	59.935	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	140453	145.398	ug/l #	10

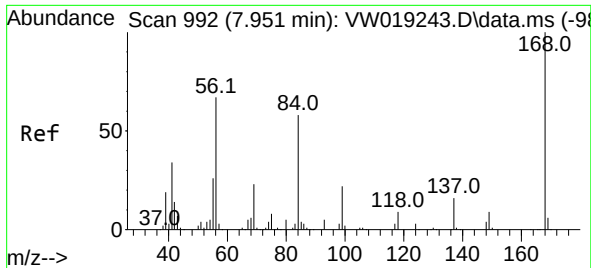
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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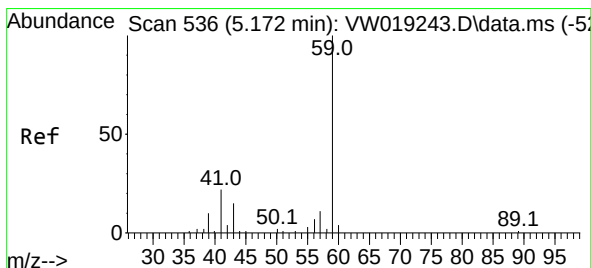
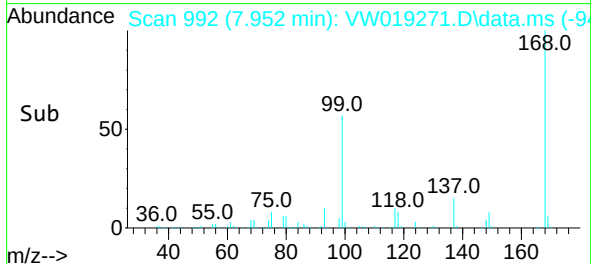
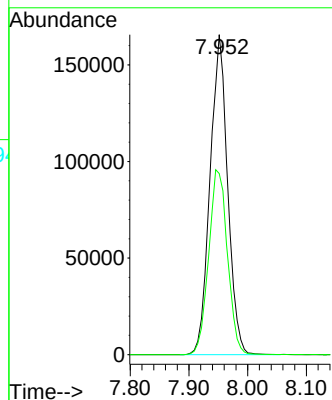
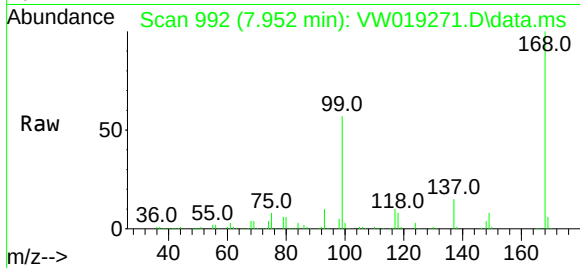




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019271.D
Acq: 22 Jun 2021 16:10

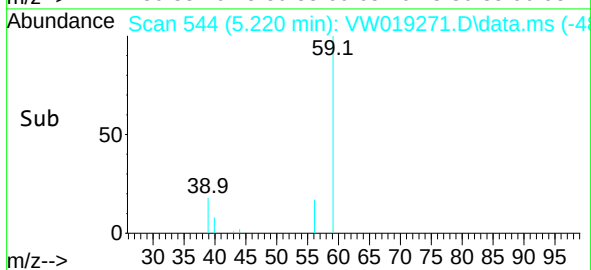
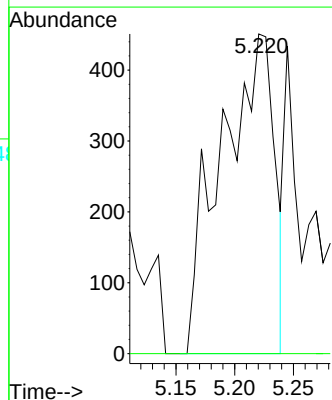
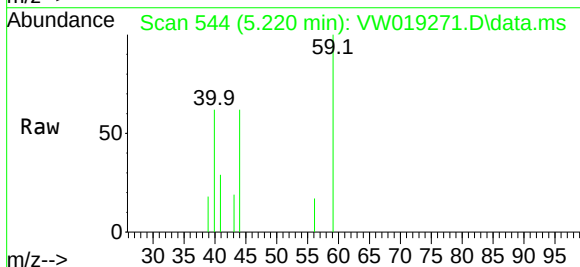
Instrument :
MSVOA_W
ClientSampleId :

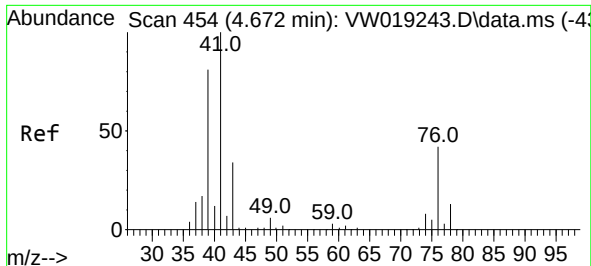
Tgt Ion:168 Resp: 344318
Ion Ratio Lower Upper
168 100
99 56.6 48.8 73.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 544
Delta R.T. 0.048 min
Lab File: VW019271.D
Acq: 22 Jun 2021 16:10

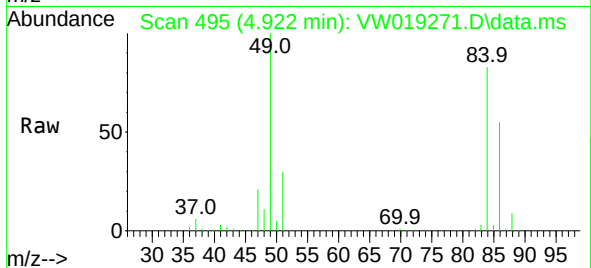
Tgt Ion: 59 Resp: 1416
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



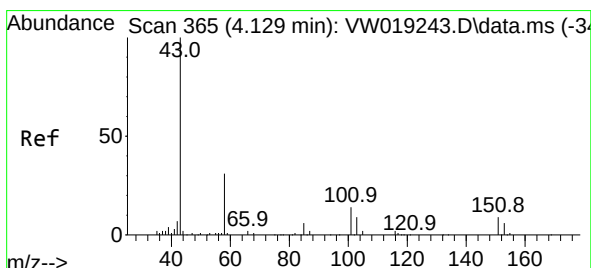
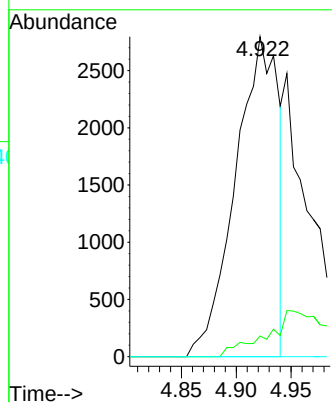
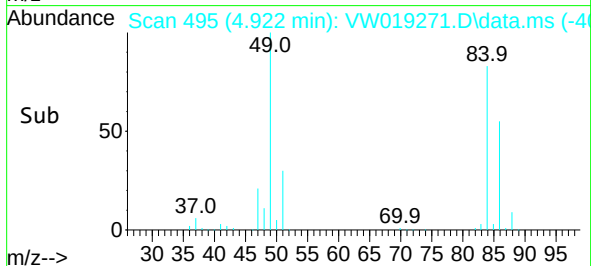


#14
 Allyl chloride
 Concen: 1.520 ug/l
 RT: 4.922 min Scan# 495
 Delta R.T. 0.250 min
 Lab File: VW019271.D
 Acq: 22 Jun 2021 16:10

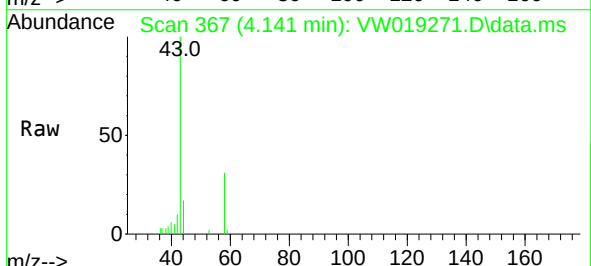
Instrument :
 MSVOA_W
 ClientSampled :



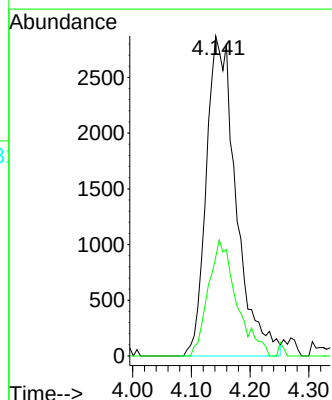
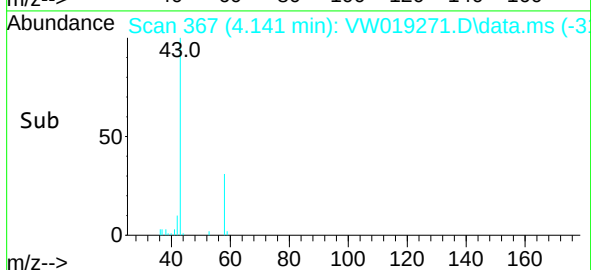
Tgt Ion: 41 Resp: 7594
 Ion Ratio Lower Upper
 41 100
 39 0.0 63.9 95.9#
 76 0.0 35.1 52.7#

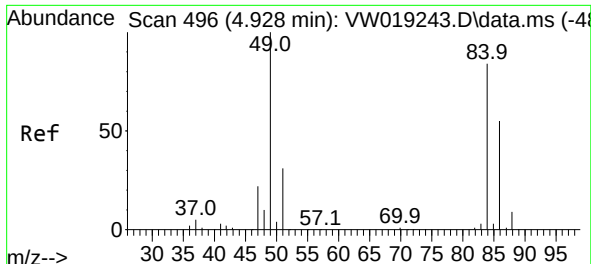


#16
 Acetone
 Concen: 15.065 ug/l
 RT: 4.141 min Scan# 367
 Delta R.T. 0.012 min
 Lab File: VW019271.D
 Acq: 22 Jun 2021 16:10



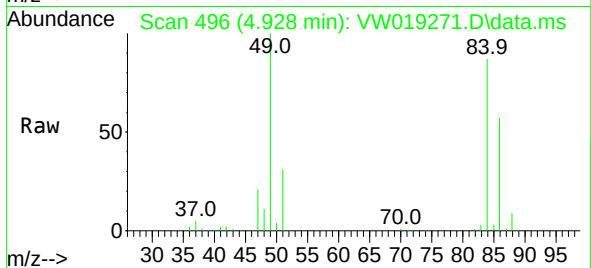
Tgt Ion: 43 Resp: 10099
 Ion Ratio Lower Upper
 43 100
 58 30.9 26.4 39.6



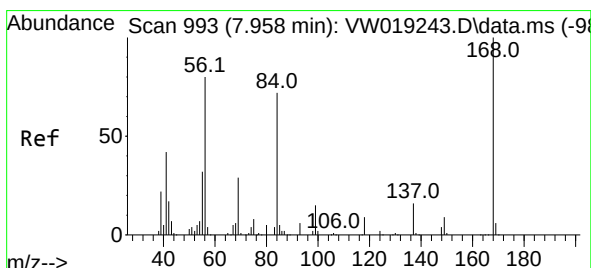
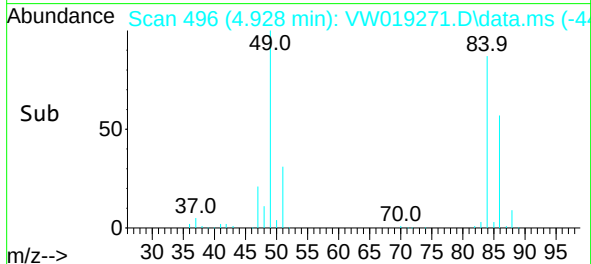
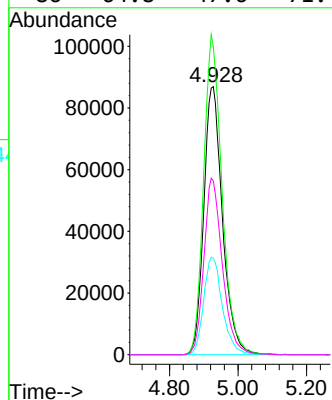


#20
Methylene Chloride
Concen: 86.164 ug/l
RT: 4.928 min Scan# 496
Delta R.T. -0.000 min
Lab File: VW019271.D
Acq: 22 Jun 2021 16:10

Instrument :
MSVOA_W
ClientSampleId :

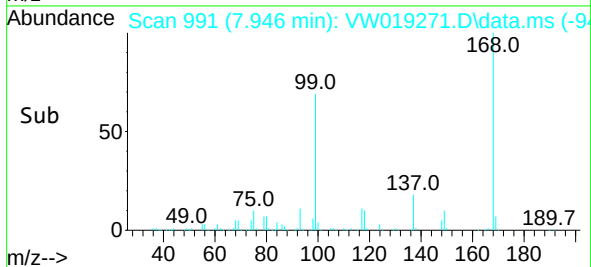
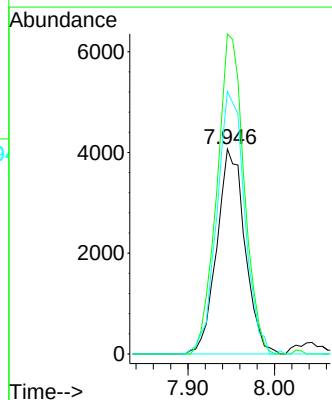
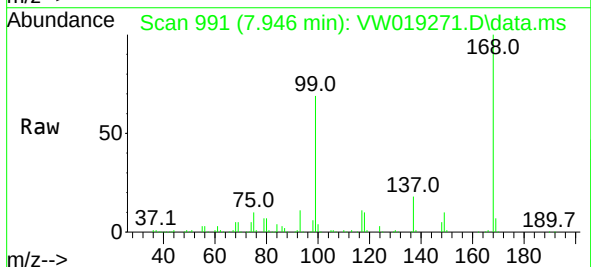


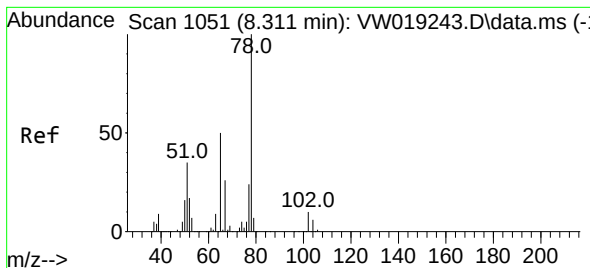
Tgt Ion:	84	Resp:	330598
Ion	Ratio	Lower	Upper
84	100		
49	114.8	90.4	135.6
51	36.0	27.1	40.7
86	64.8	47.6	71.4



#31
Cyclohexane
Concen: 1.290 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW019271.D
Acq: 22 Jun 2021 16:10

Tgt Ion:	56	Resp:	9162
Ion	Ratio	Lower	Upper
56	100		
69	156.1	28.4	42.6#
84	128.0	72.3	108.5#



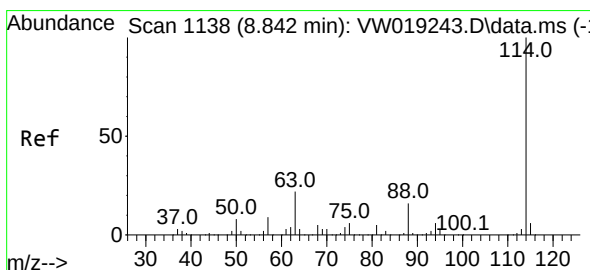
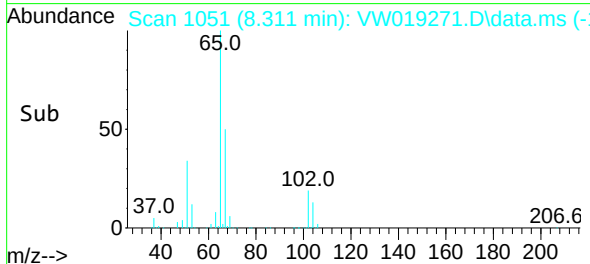
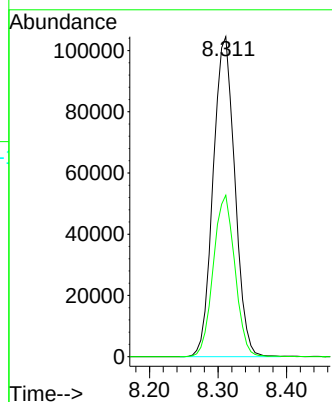
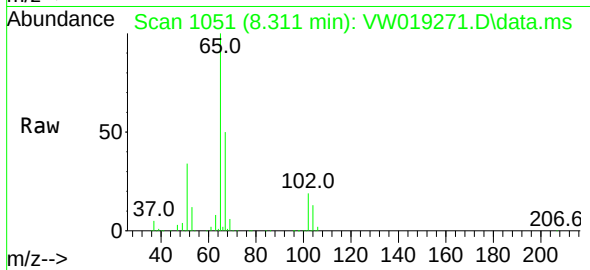


#33
 1,2-Dichloroethane-d4
 Concen: 54.821 ug/l
 RT: 8.311 min Scan# 1051
 Delta R.T. 0.000 min
 Lab File: VW019271.D
 Acq: 22 Jun 2021 16:10

Instrument :
 MSVOA_W
 ClientSampled :

Tgt Ion: 65 Resp: 228977

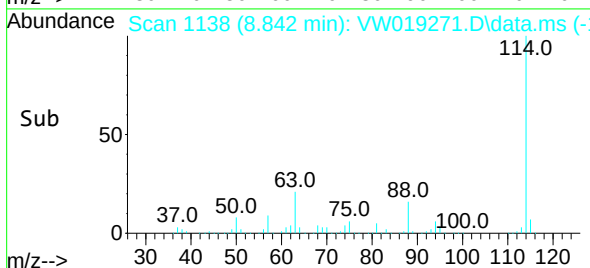
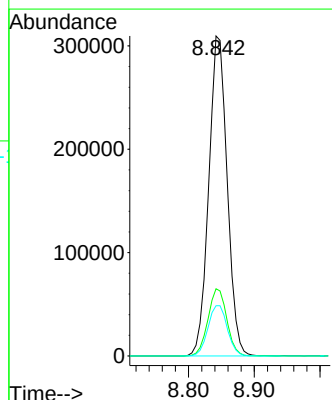
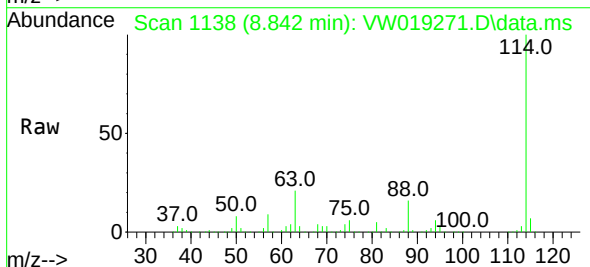
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	104.0

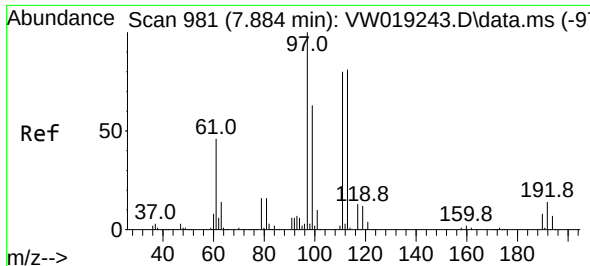


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW019271.D
 Acq: 22 Jun 2021 16:10

Tgt Ion: 114 Resp: 603743

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.4
88	15.7	0.0	33.2

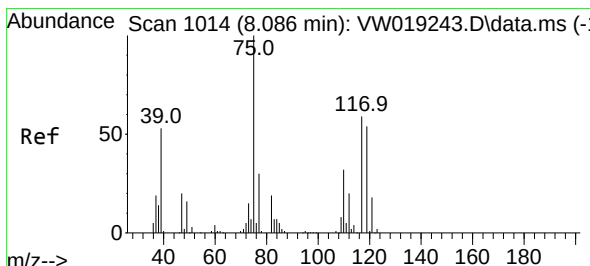
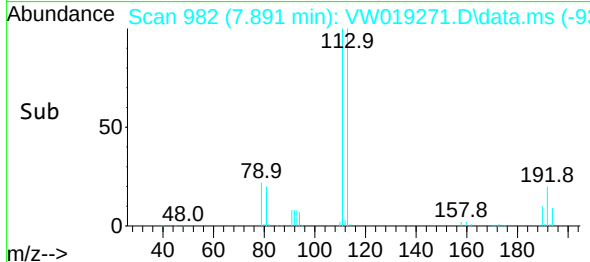
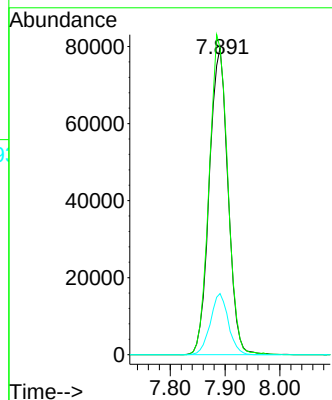
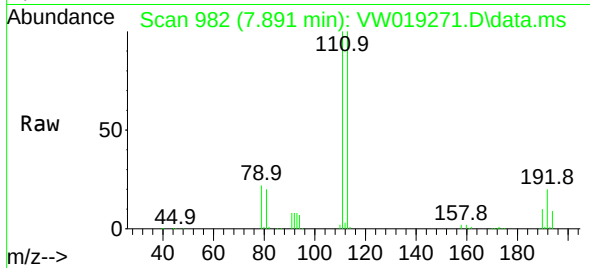




#35
Dibromofluoromethane
Concen: 48.796 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.007 min
Lab File: VW019271.D
Acq: 22 Jun 2021 16:10

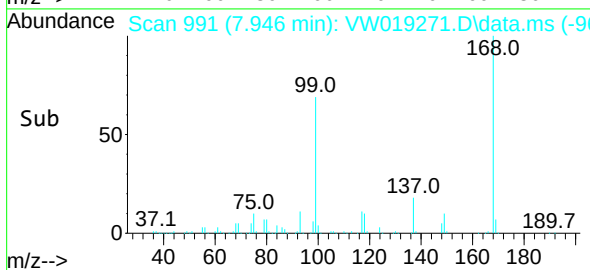
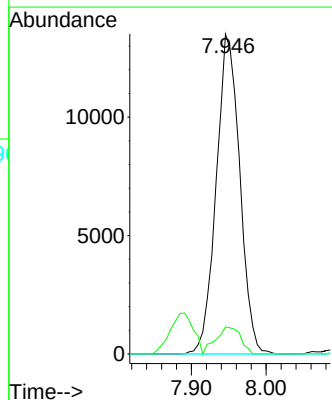
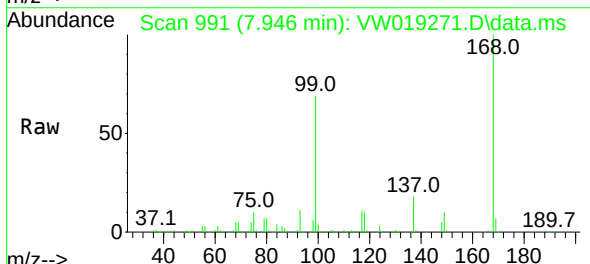
Instrument :
MSVOA_W
ClientSampleId :

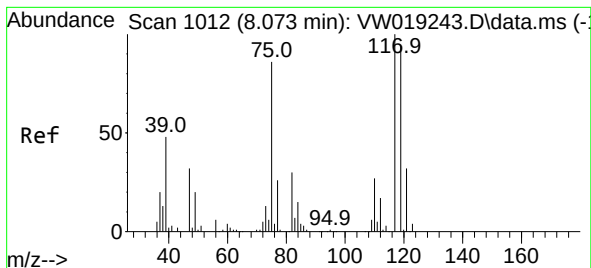
Tgt Ion:113 Resp: 187645
Ion Ratio Lower Upper
113 100
111 103.5 82.3 123.5
192 19.2 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.630 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW019271.D
Acq: 22 Jun 2021 16:10

Tgt Ion: 75 Resp: 29583
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.375 ug/l

RT: 7.952 min Scan# 992

Delta R.T. -0.121 min

Lab File: VW019271.D

Acq: 22 Jun 2021 16:10

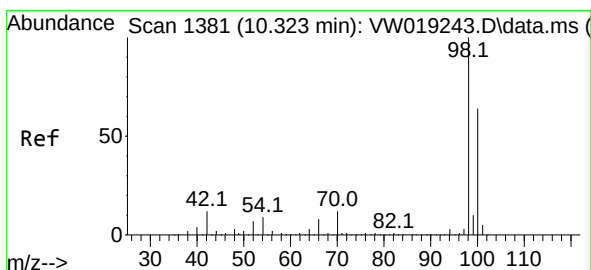
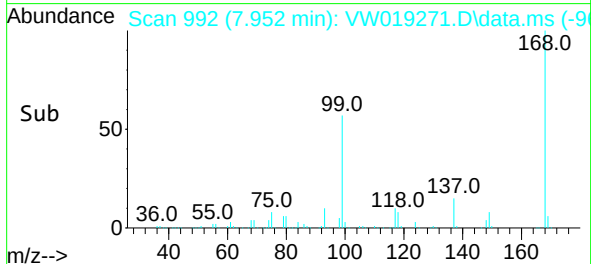
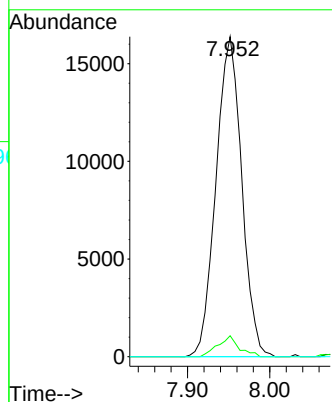
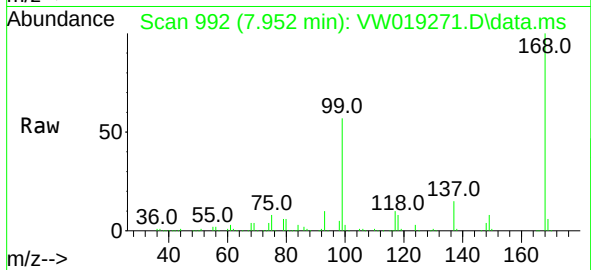
Tgt Ion: 117 Resp: 35607

Ion Ratio Lower Upper

117 100

119 6.6 77.4 116.0#

121 0.0 23.6 35.4#



#50

Toluene-d8

Concen: 46.604 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW019271.D

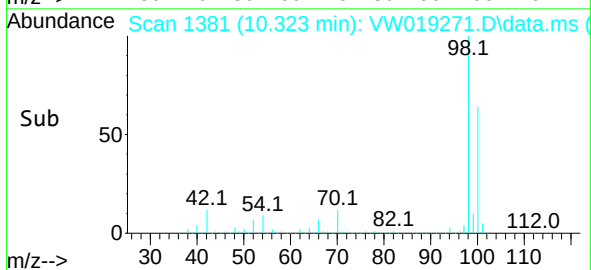
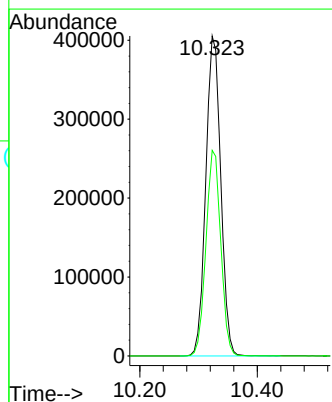
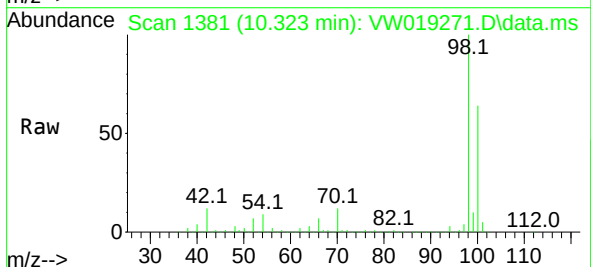
Acq: 22 Jun 2021 16:10

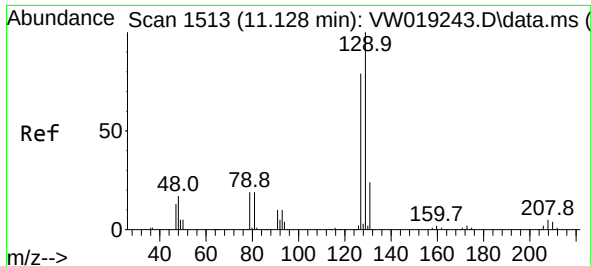
Tgt Ion: 98 Resp: 717432

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

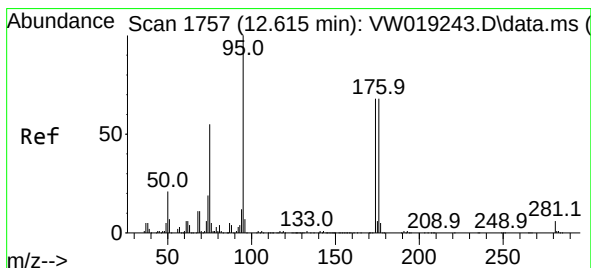
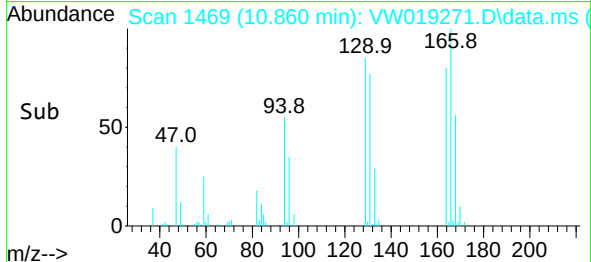
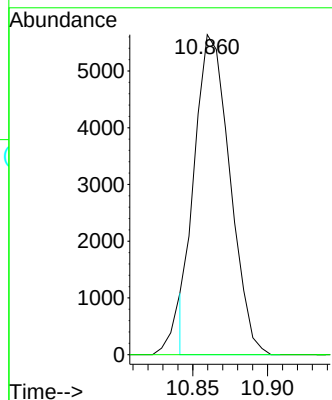
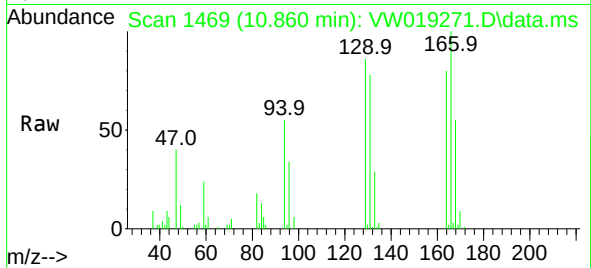




#60
Dibromochloromethane
Concen: 2.742 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW019271.D
Acq: 22 Jun 2021 16:10

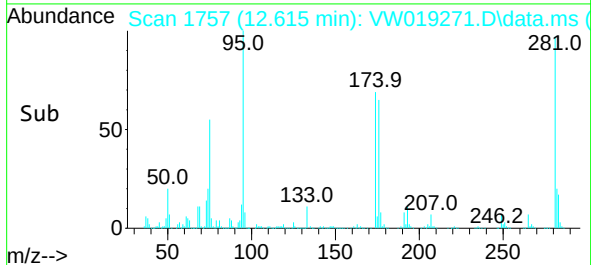
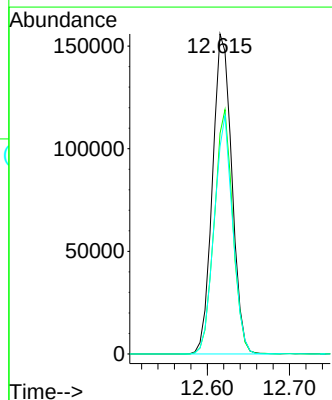
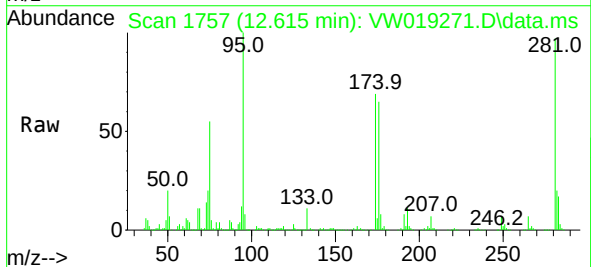
Instrument :
MSVOA_W
ClientSampled :

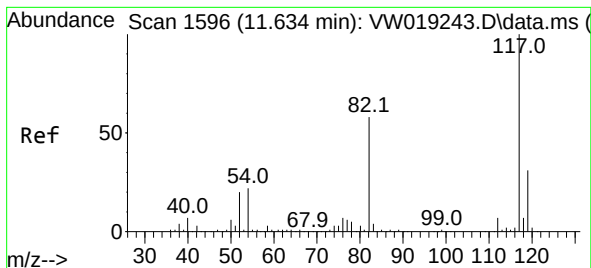
Tgt Ion:129 Resp: 9225
Ion Ratio Lower Upper
129 100
127 0.0 38.2 114.6#



#62
4-Bromofluorobenzene
Concen: 47.235 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW019271.D
Acq: 22 Jun 2021 16:10

Tgt Ion: 95 Resp: 254313
Ion Ratio Lower Upper
95 100
174 73.3 0.0 156.2
176 71.5 0.0 160.8

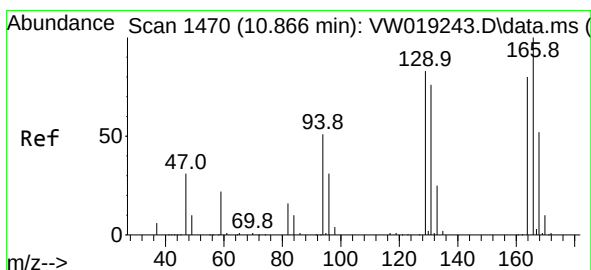
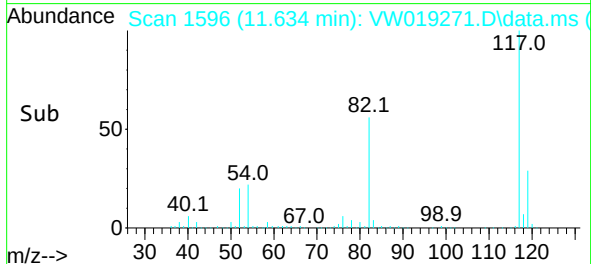
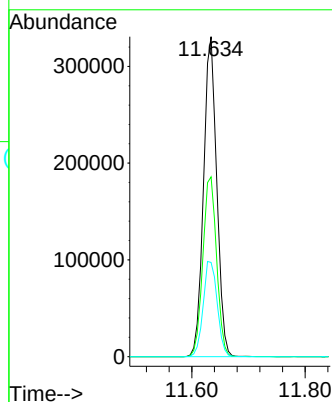
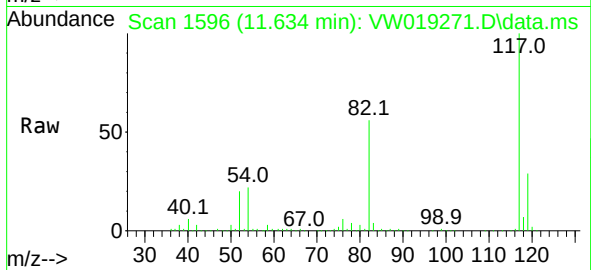




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019271.D
Acq: 22 Jun 2021 16:10

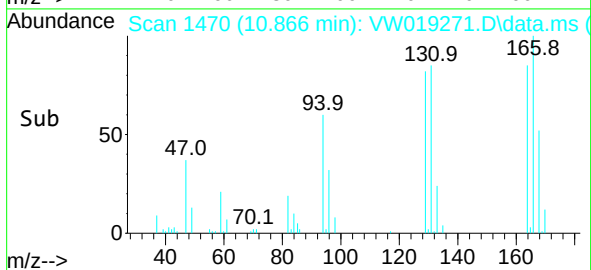
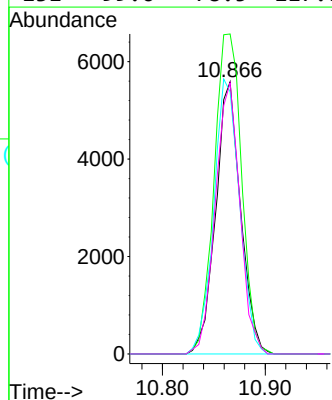
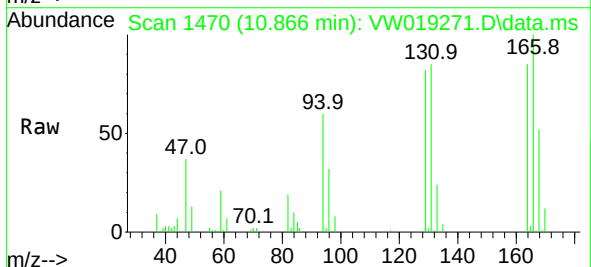
Instrument :
MSVOA_W
ClientSampled :

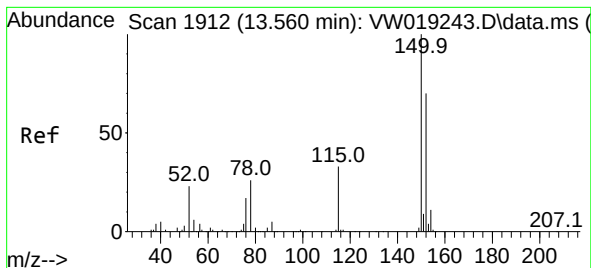
Tgt Ion:117 Resp: 535286
Ion Ratio Lower Upper
117 100
82 56.2 44.4 66.6
119 29.5 24.6 36.8



#64
Tetrachloroethene
Concen: 2.762 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019271.D
Acq: 22 Jun 2021 16:10

Tgt Ion:164 Resp: 9397
Ion Ratio Lower Upper
164 100
166 117.6 107.8 161.8
129 96.3 77.3 115.9
131 99.6 78.5 117.7

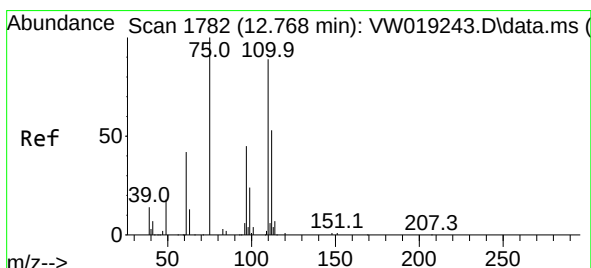
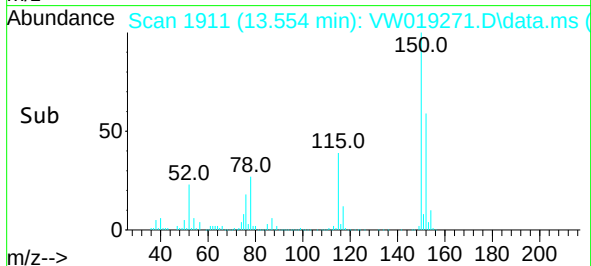
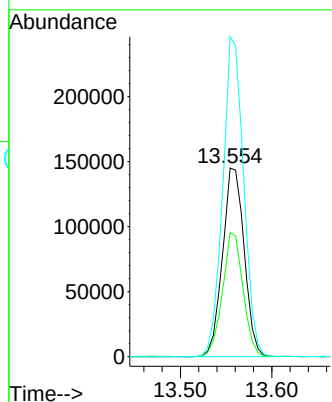
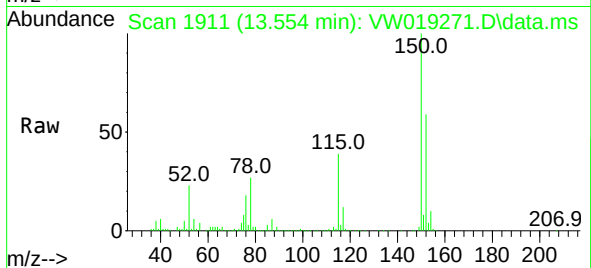




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019271.D
Acq: 22 Jun 2021 16:10

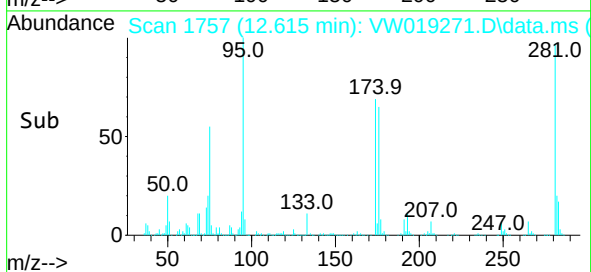
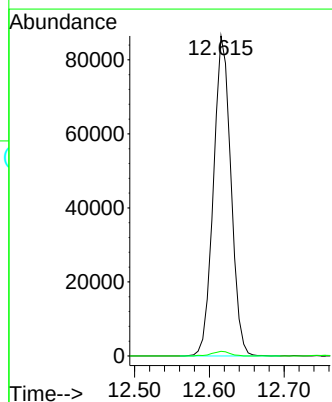
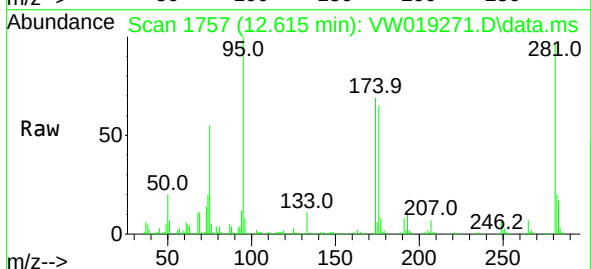
Instrument :
MSVOA_W
ClientSampleId :

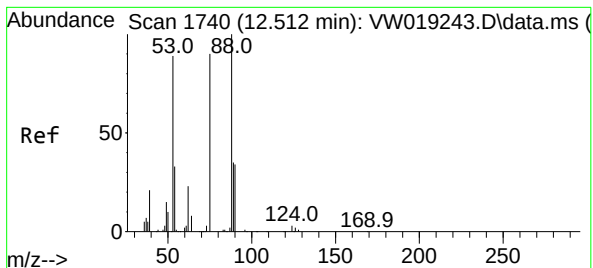
Tgt Ion:152 Resp: 239207
Ion Ratio Lower Upper
152 100
115 62.4 30.3 90.8
150 163.8 0.0 356.0



#76
1,2,3-Trichloropropane
Concen: 59.935 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW019271.D
Acq: 22 Jun 2021 16:10

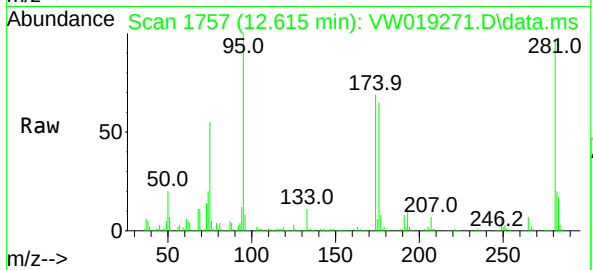
Tgt Ion: 75 Resp: 140453
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.398 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.103 min
 Lab File: VW019271.D
 Acq: 22 Jun 2021 16:10

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 140453
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.5 122.3#
 89 1.4 36.3 54.5#

