

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019279.D
 Acq On : 22 Jun 2021 19:46
 Operator : SY/VA
 Sample : M2810-01
 Misc : 6.77G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 23 05:44:38 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)

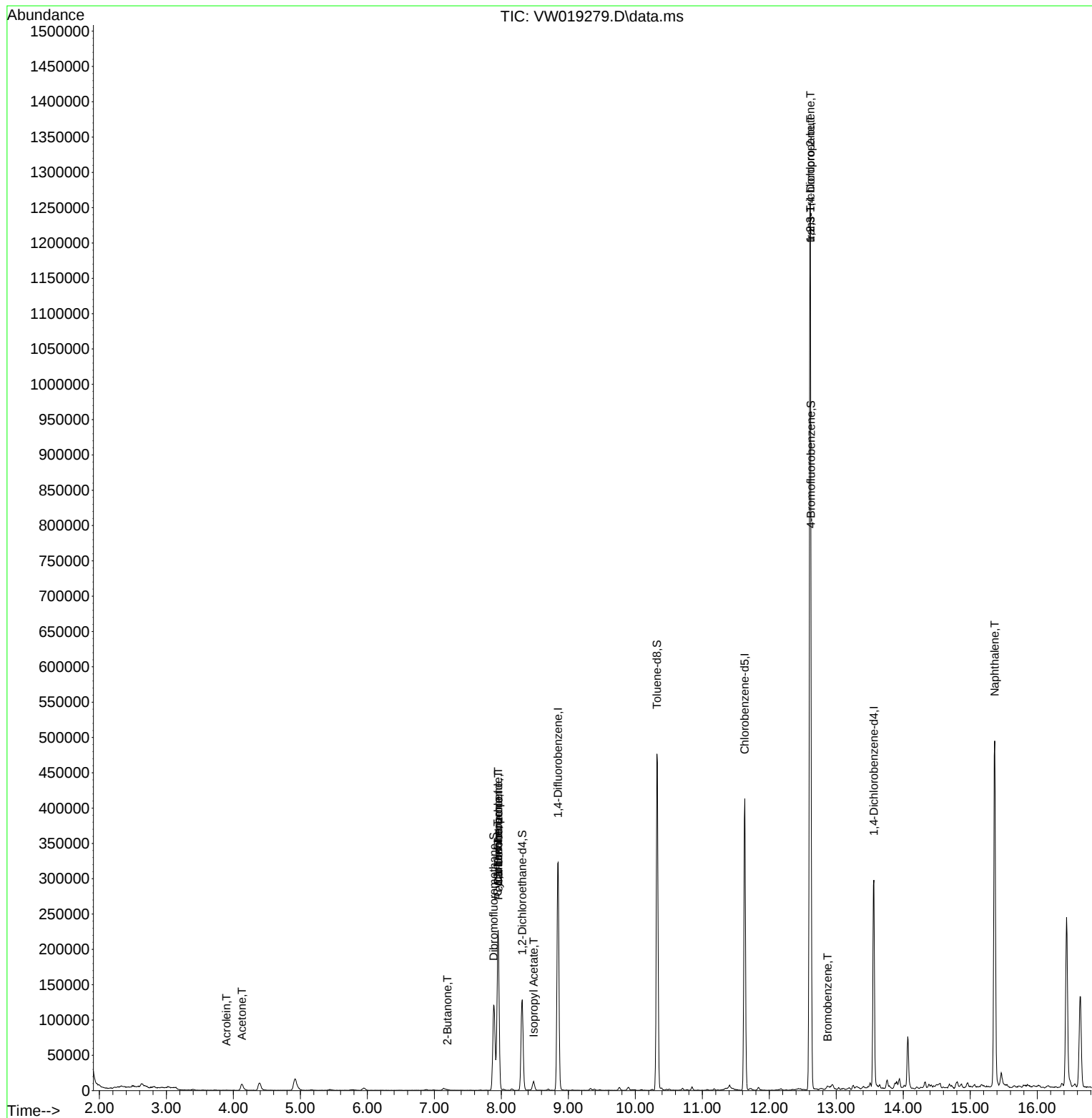
Internal Standards						
1) Pentafluorobenzene	7.958	168	161230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	271324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	223948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	73662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	106117	54.257	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.520%	
35) Dibromofluoromethane	7.884	113	87475	50.617	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.240%	
50) Toluene-d8	10.323	98	318125	45.984	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.960%	
62) 4-Bromofluorobenzene	12.621	95	97965	40.488	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.172	59	623	Below Cal	#	71
13) Acrolein	3.897	56	298	2.894	ug/l #	73
16) Acetone	4.129	43	15602	49.702	ug/l	99
20) Methylene Chloride	4.922	84	12283	Below Cal		94
25) 2-Butanone	7.196	43	1787	3.860	ug/l	90
31) Cyclohexane	7.945	56	4486	1.349	ug/l #	22
36) 1,1-Dichloropropene	7.952	75	14321	4.987	ug/l #	49
38) Carbon Tetrachloride	7.952	117	17460	6.956	ug/l #	15
43) Isopropyl Acetate	8.482	43	2556	1.248	ug/l #	48
76) 1,2,3-Trichloropropane	12.615	75	63518	88.019	ug/l #	100
77) Bromobenzene	12.871	156	2276	1.930	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.615	75	63518	213.529	ug/l #	12
95) Naphthalene	15.365	128	414168	163.487	ug/l	99

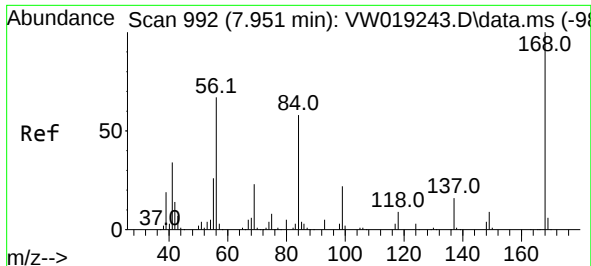
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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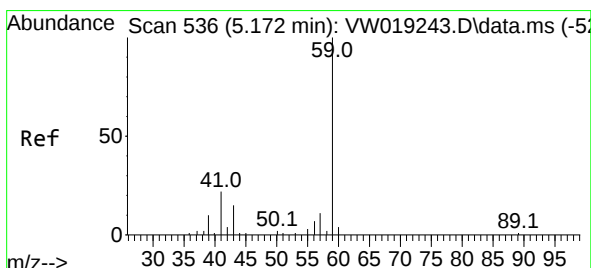
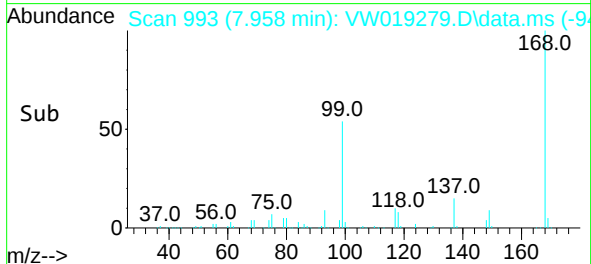
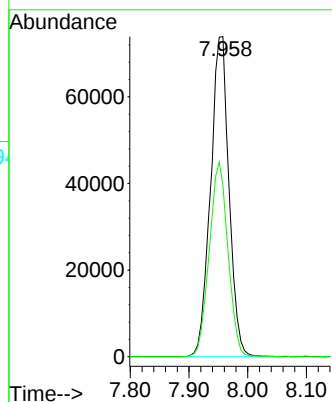
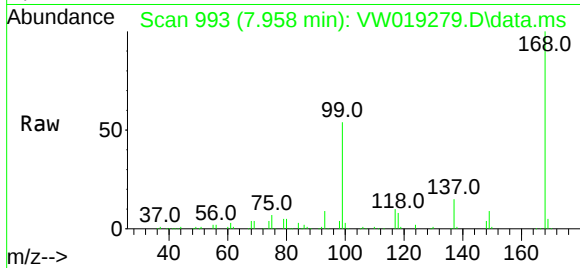




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.007 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

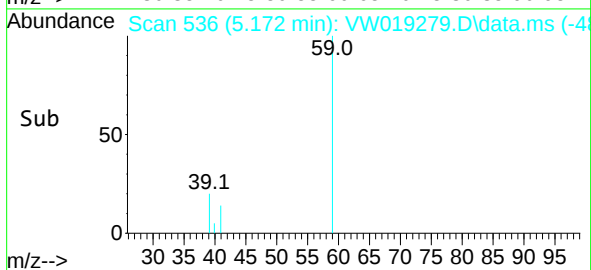
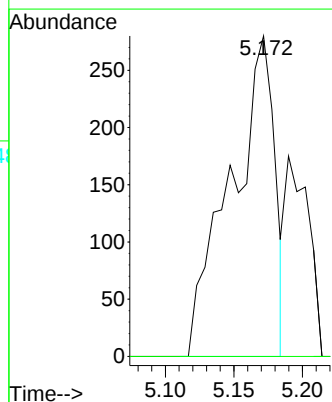
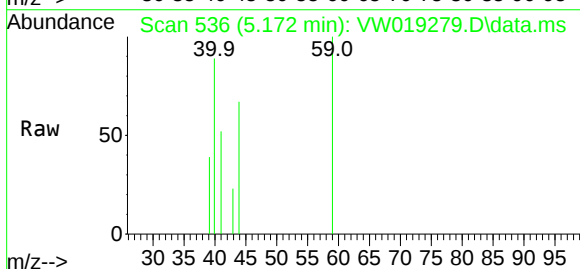
Instrument :
MSVOA_W
ClientSampled :

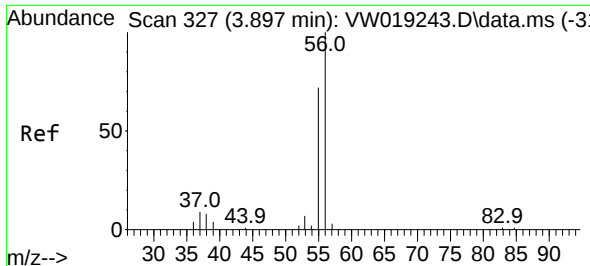
Tgt Ion:168 Resp: 161230
Ion Ratio Lower Upper
168 100
99 53.6 48.8 73.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.172 min Scan# 536
Delta R.T. -0.000 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

Tgt Ion: 59 Resp: 623
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

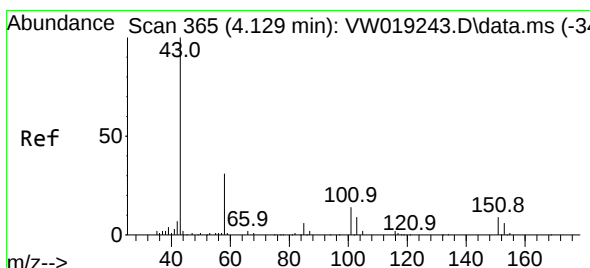
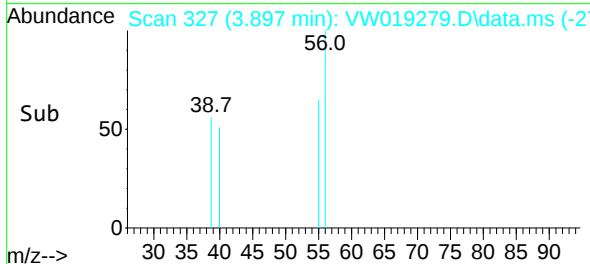
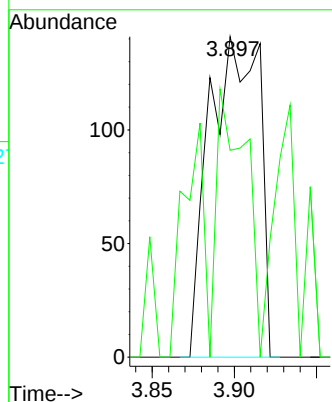
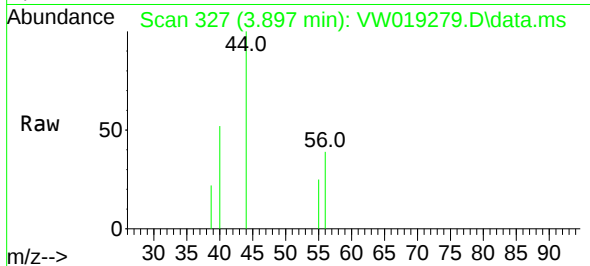




#13
Acrolein
Concen: 2.894 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

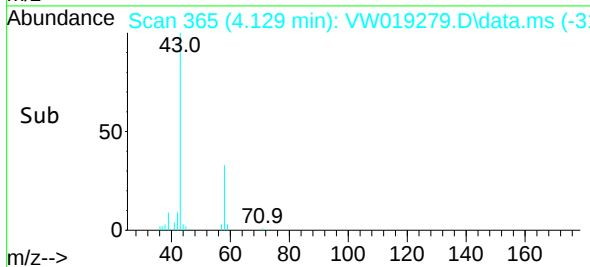
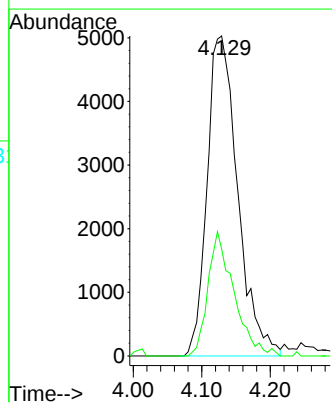
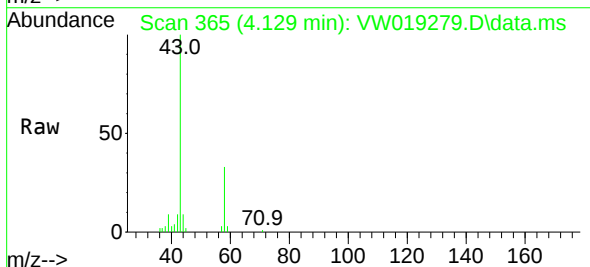
Instrument :
MSVOA_W
ClientSampled :

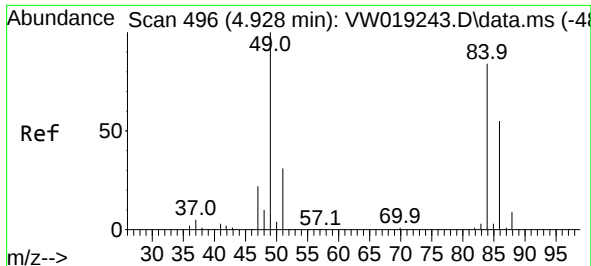
Tgt Ion: 56 Resp: 298
Ion Ratio Lower Upper
56 100
55 48.7 56.7 85.1#



#16
Acetone
Concen: 49.702 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

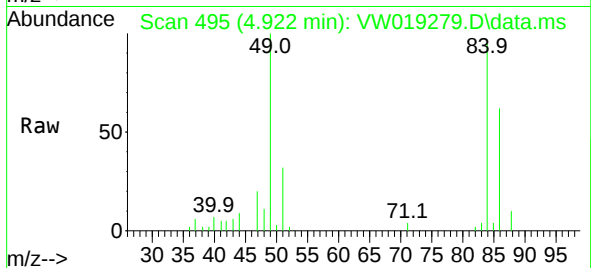
Tgt Ion: 43 Resp: 15602
Ion Ratio Lower Upper
43 100
58 33.5 26.4 39.6



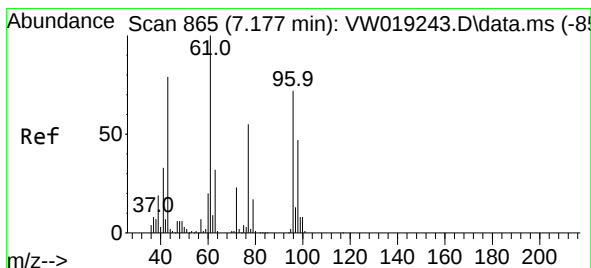
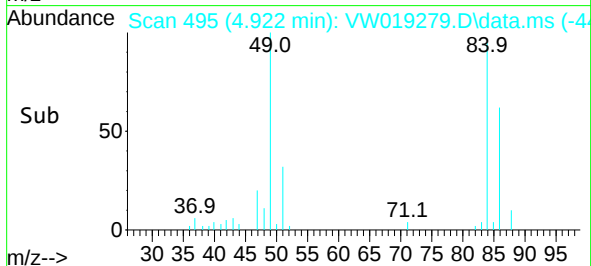
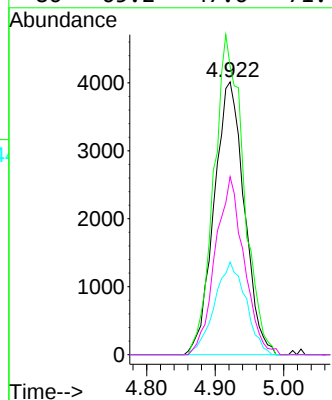


#20
Methylene Chloride
Concen: Below Cal
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :

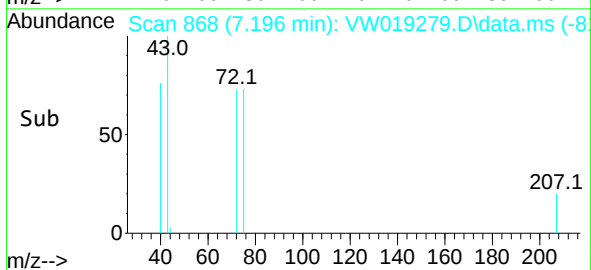
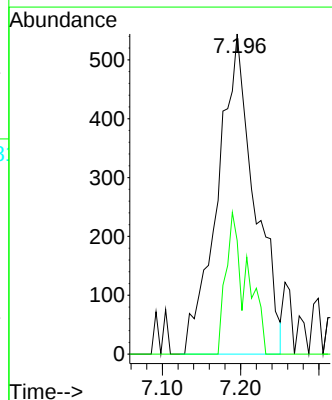
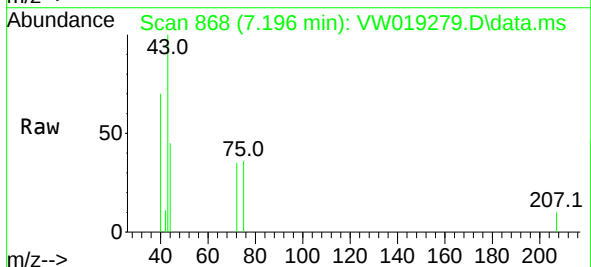


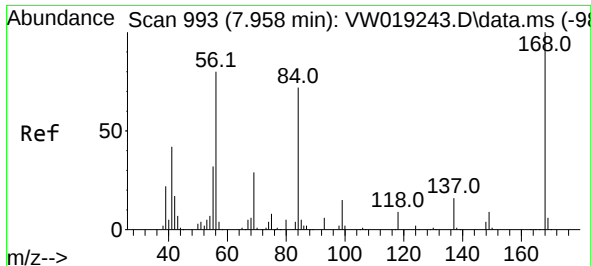
Tgt Ion:	84	Resp:	12283
Ion	Ratio	Lower	Upper
84	100		
49	105.7	90.4	135.6
51	34.0	27.1	40.7
86	65.2	47.6	71.4



#25
2-Butanone
Concen: 3.860 ug/l
RT: 7.196 min Scan# 868
Delta R.T. 0.019 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

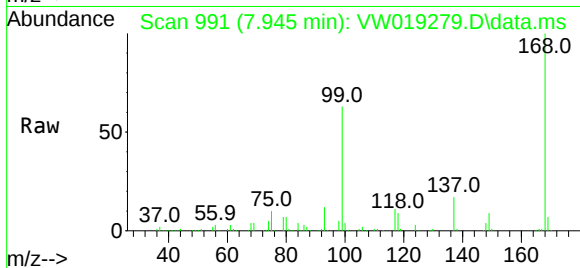
Tgt Ion:	43	Resp:	1787
Ion	Ratio	Lower	Upper
43	100		
72	35.5	24.0	36.0



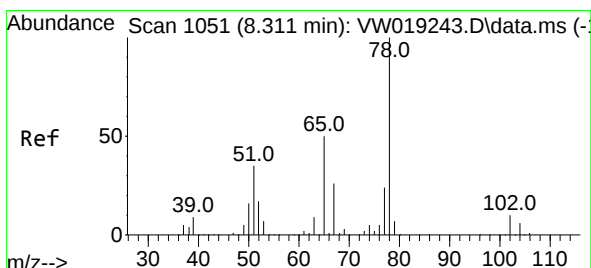
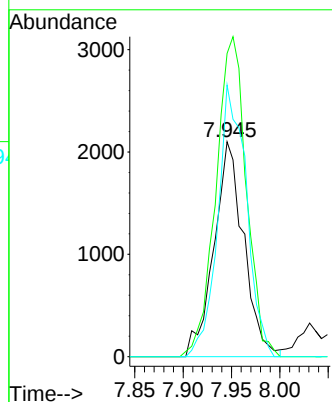
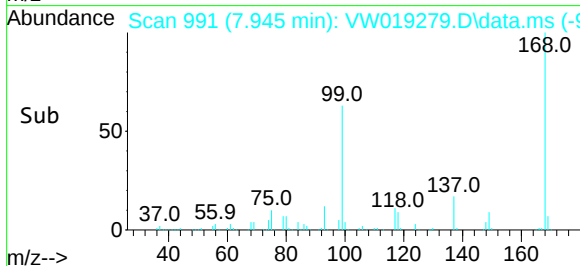


#31
Cyclohexane
Concen: 1.349 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

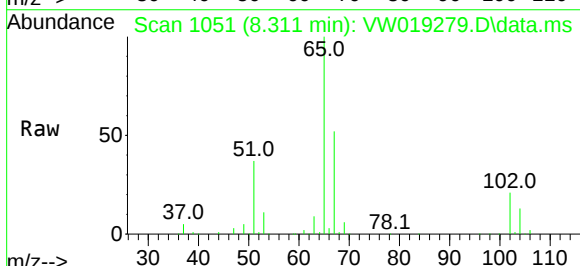
Instrument :
MSVOA_W
ClientSampleId :



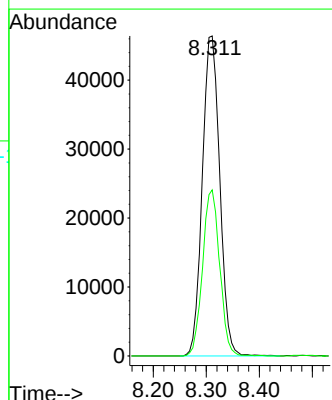
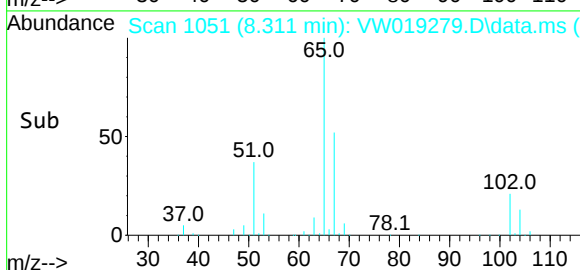
Tgt Ion: 56 Resp: 4486
Ion Ratio Lower Upper
56 100
69 141.2 28.4 42.6#
84 126.5 72.3 108.5#

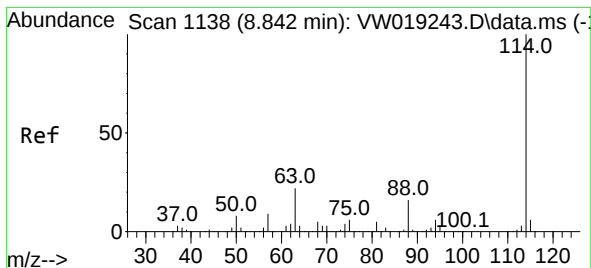


#33
1,2-Dichloroethane-d4
Concen: 54.257 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46



Tgt Ion: 65 Resp: 106117
Ion Ratio Lower Upper
65 100
67 50.9 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: VW019279.D

Acq: 22 Jun 2021 19:46

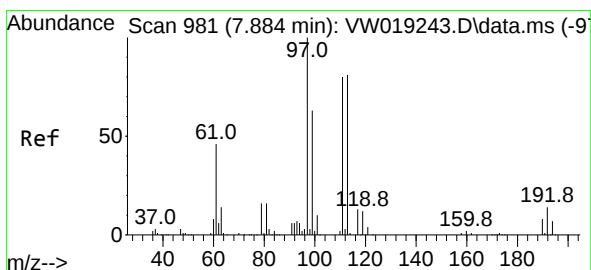
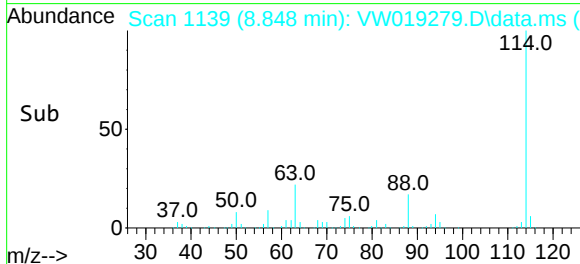
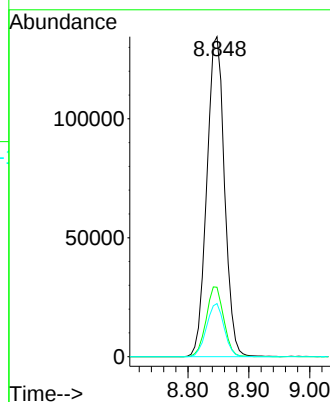
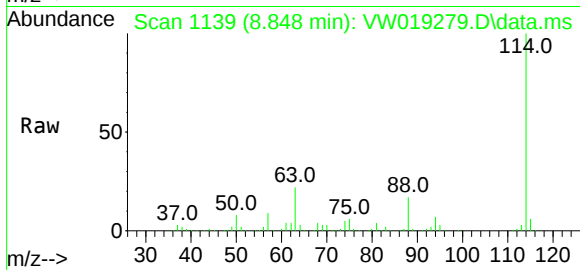
Tgt Ion:114 Resp: 271324

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.4

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.617 ug/l

RT: 7.884 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW019279.D

Acq: 22 Jun 2021 19:46

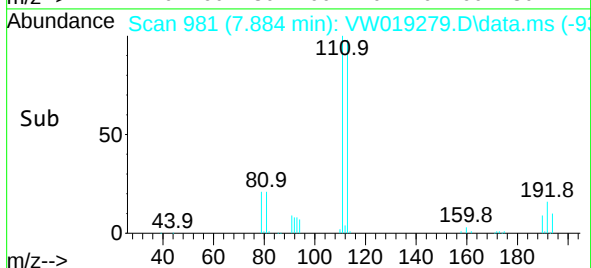
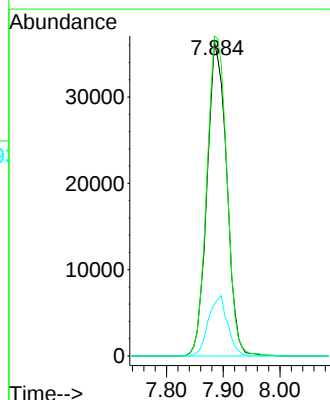
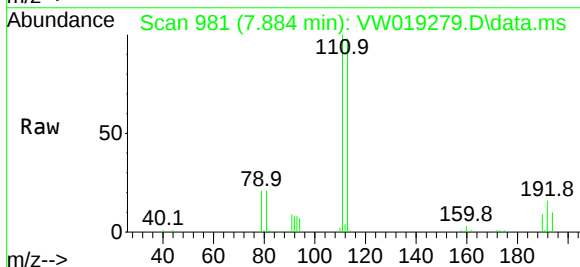
Tgt Ion:113 Resp: 87475

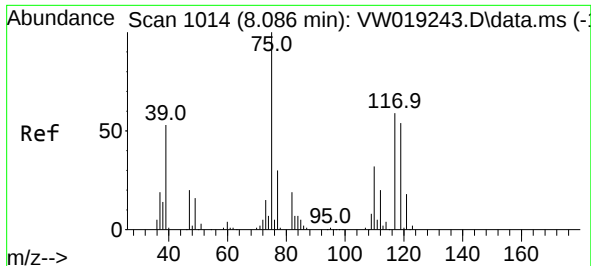
Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

192 18.7 15.3 22.9

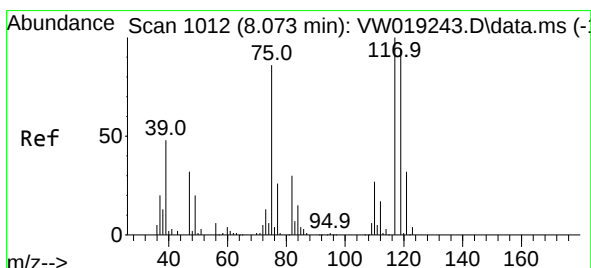
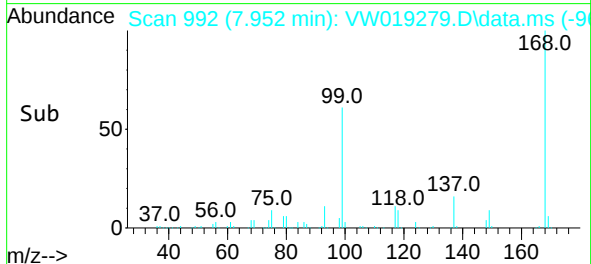
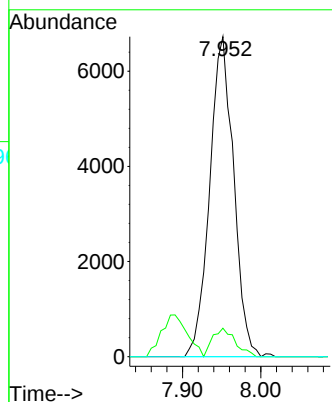
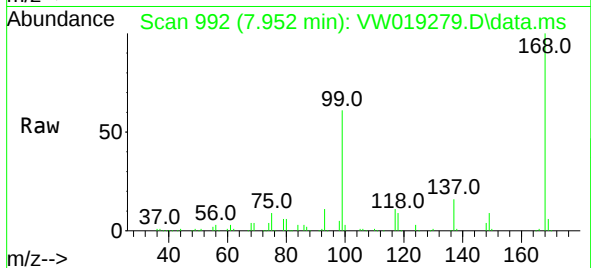




#36
 1,1-Dichloropropene
 Concen: 4.987 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. -0.134 min
 Lab File: VW019279.D
 Acq: 22 Jun 2021 19:46

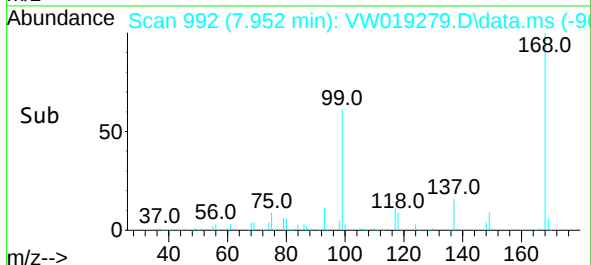
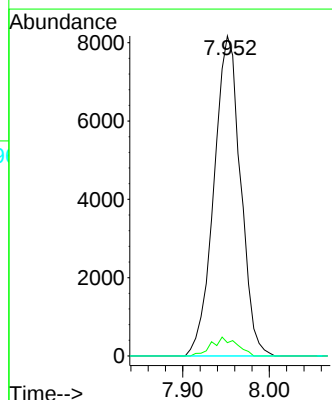
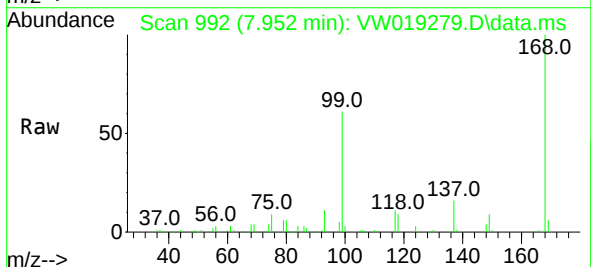
Instrument :
 MSVOA_W
 ClientSampleId :

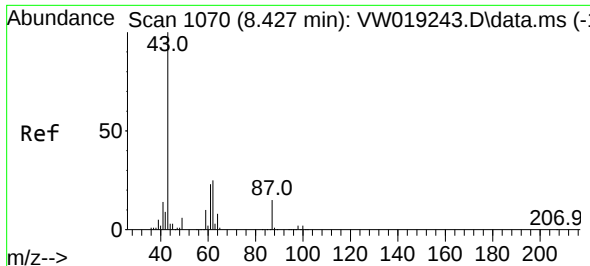
Tgt Ion: 75 Resp: 14321
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.1 51.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.956 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. -0.121 min
 Lab File: VW019279.D
 Acq: 22 Jun 2021 19:46

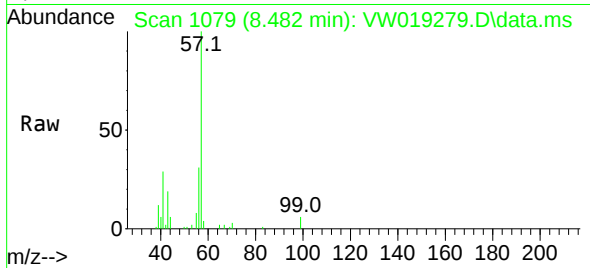
Tgt Ion: 117 Resp: 17460
 Ion Ratio Lower Upper
 117 100
 119 4.2 77.4 116.0#
 121 0.0 23.6 35.4#



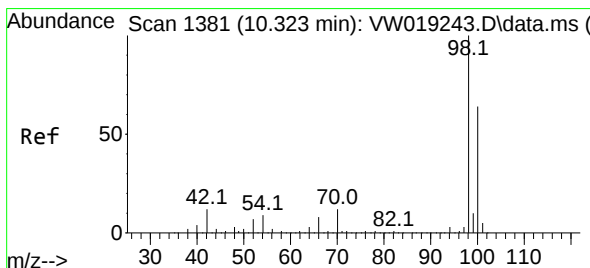
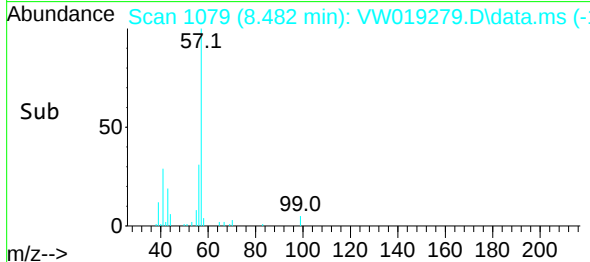
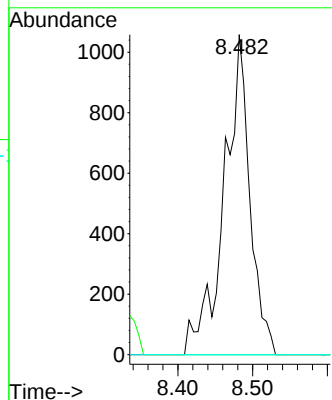


#43
Isopropyl Acetate
Concen: 1.248 ug/l
RT: 8.482 min Scan# 1079
Delta R.T. 0.055 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :

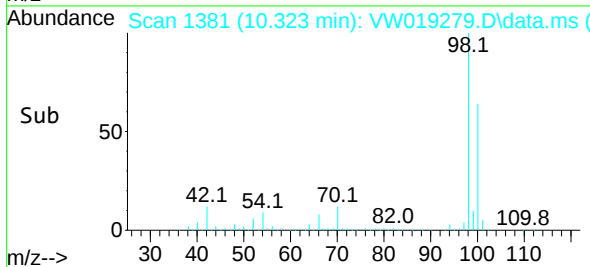
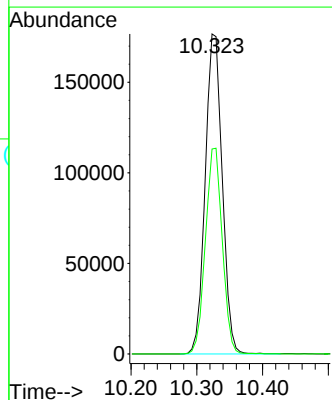
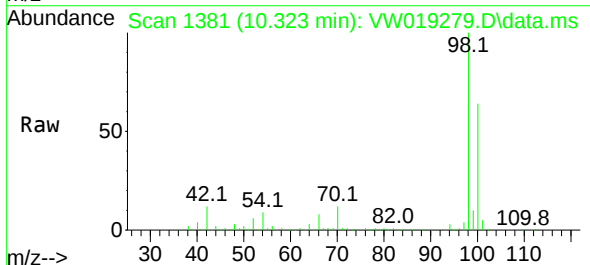


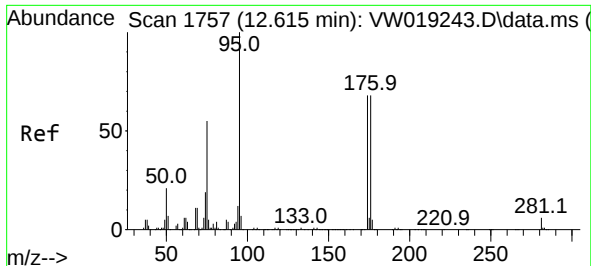
Tgt Ion: 43 Resp: 2556
Ion Ratio Lower Upper
43 100
61 0.0 27.0 40.6#
87 0.0 11.6 17.4#



#50
Toluene-d8
Concen: 45.984 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

Tgt Ion: 98 Resp: 318125
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

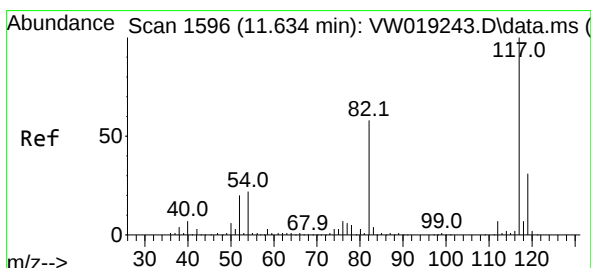
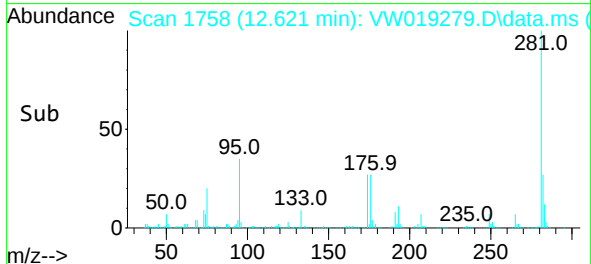
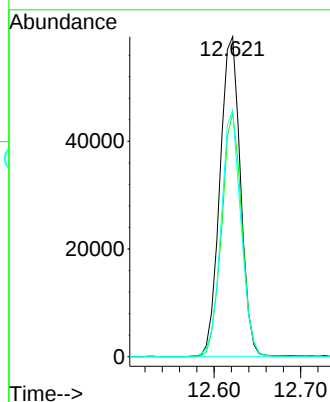
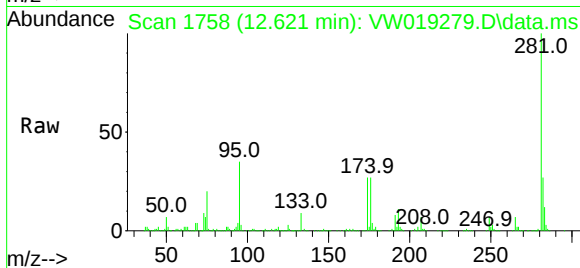




#62
4-Bromofluorobenzene
Concen: 40.488 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

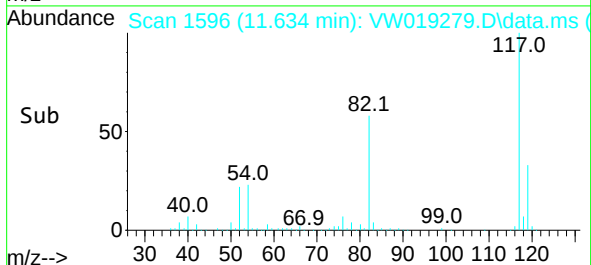
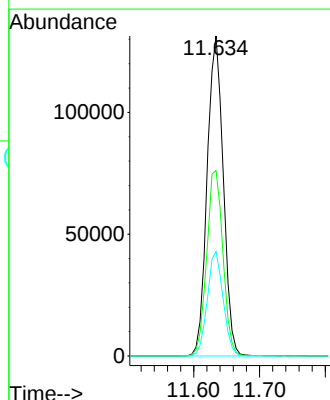
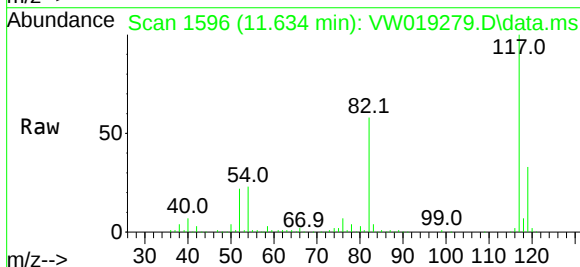
Instrument :
MSVOA_W
ClientSampleId :

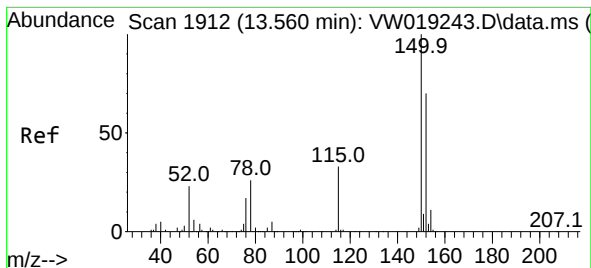
Tgt Ion: 95 Resp: 97965
Ion Ratio Lower Upper
95 100
174 74.3 0.0 156.2
176 74.8 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

Tgt Ion: 117 Resp: 223948
Ion Ratio Lower Upper
117 100
82 57.9 44.4 66.6
119 32.7 24.6 36.8

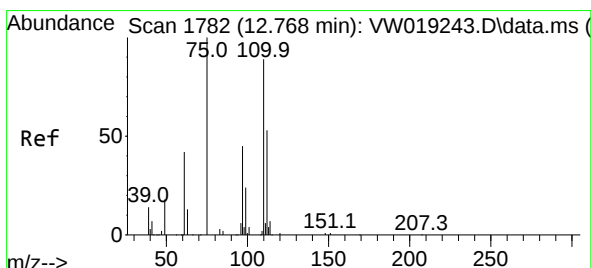
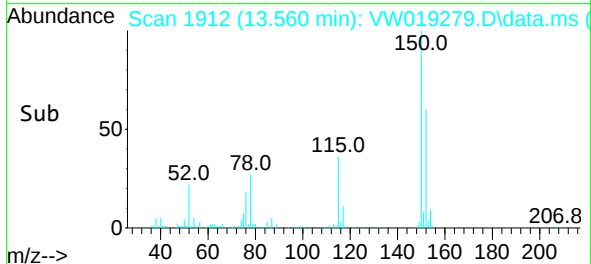
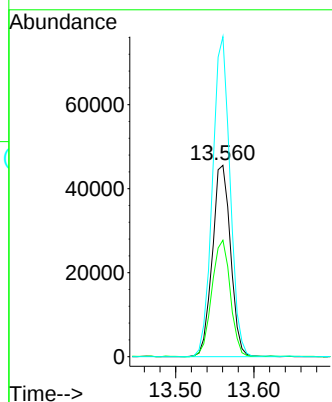
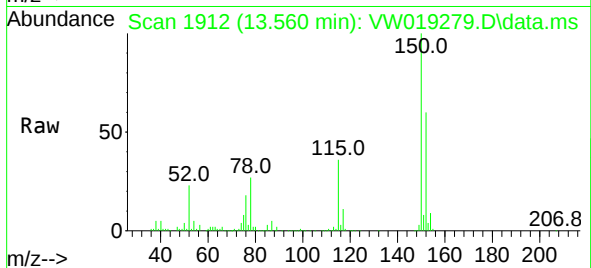




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

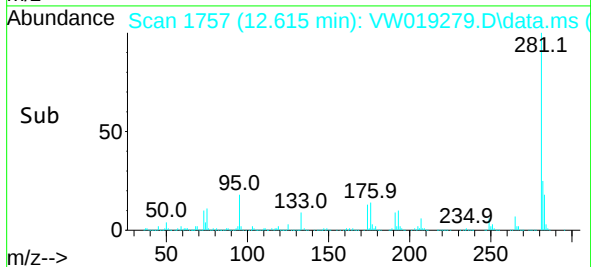
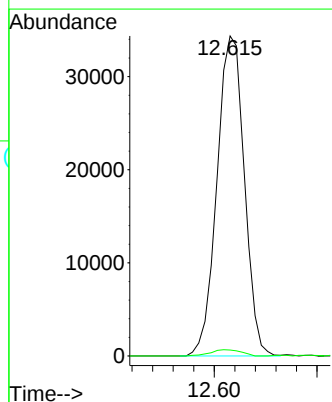
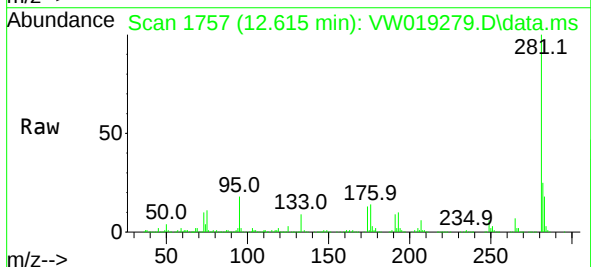
Instrument :
MSVOA_W
ClientSampleId :

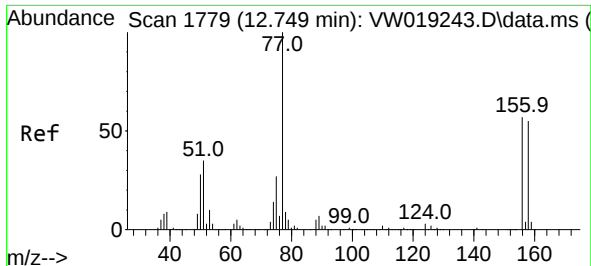
Tgt Ion:152 Resp: 73662
Ion Ratio Lower Upper
152 100
115 61.6 30.3 90.8
150 160.9 0.0 356.0



#76
1,2,3-Trichloropropane
Concen: 88.019 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

Tgt Ion: 75 Resp: 63518
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#

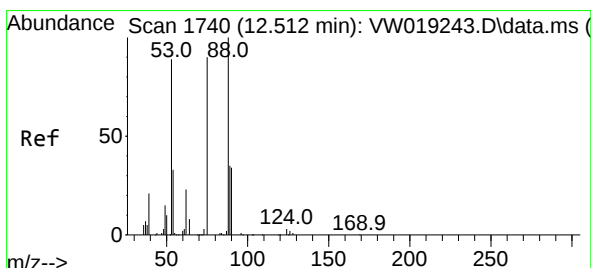
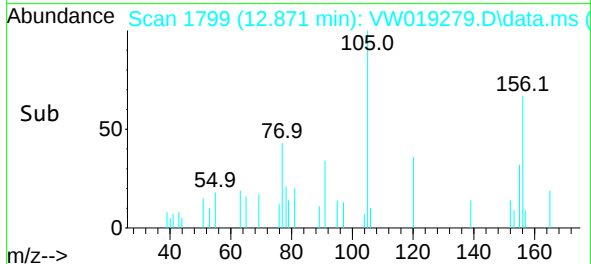
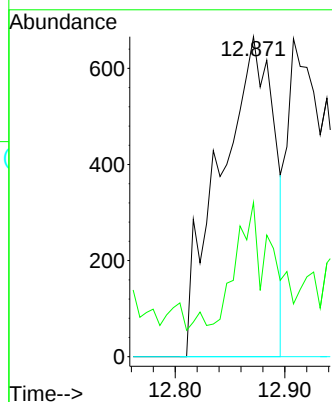
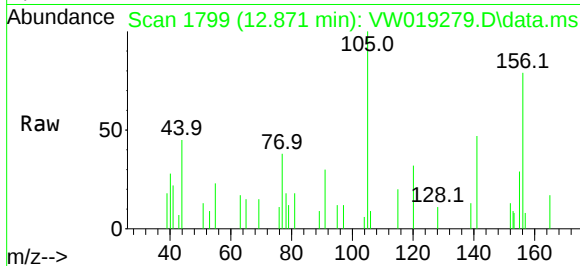




#77
Bromobenzene
Concen: 1.930 ug/l
RT: 12.871 min Scan# 1799
Delta R.T. 0.122 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

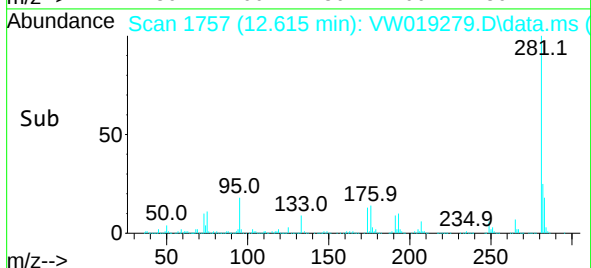
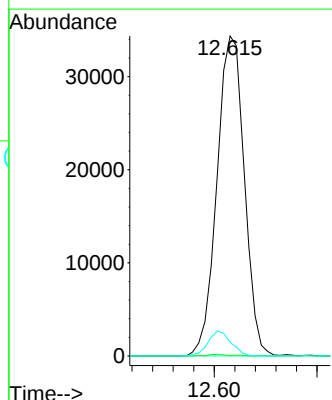
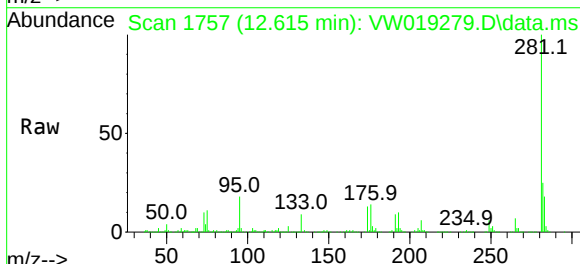
Instrument :
MSVOA_W
ClientSampleId :

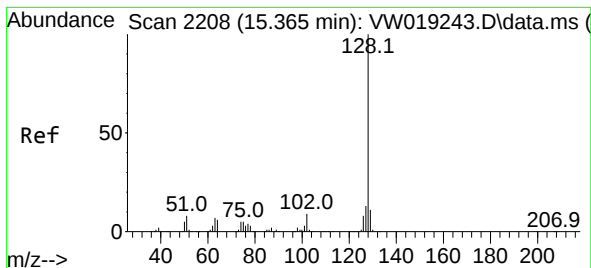
Tgt Ion:156 Resp: 2276
Ion Ratio Lower Upper
156 100
77 14.7 96.7 290.0#
158 0.0 48.4 145.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 213.529 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

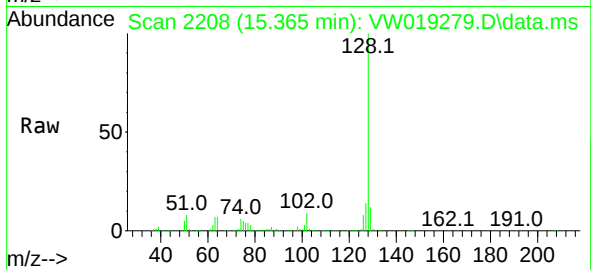
Tgt Ion: 75 Resp: 63518
Ion Ratio Lower Upper
75 100
53 0.4 81.5 122.3#
89 6.6 36.3 54.5#





#95
Naphthalene
Concen: 163.487 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019279.D
Acq: 22 Jun 2021 19:46

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 414168
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.5 12.7

