

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
 Data File : VW019068.D
 Acq On : 24 May 2021 16:45
 Operator : SY/VA
 Sample : VW0524SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBL01

Quant Time: May 25 04:16:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 24 14:01:57 2021
 Response via : Initial Calibration

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

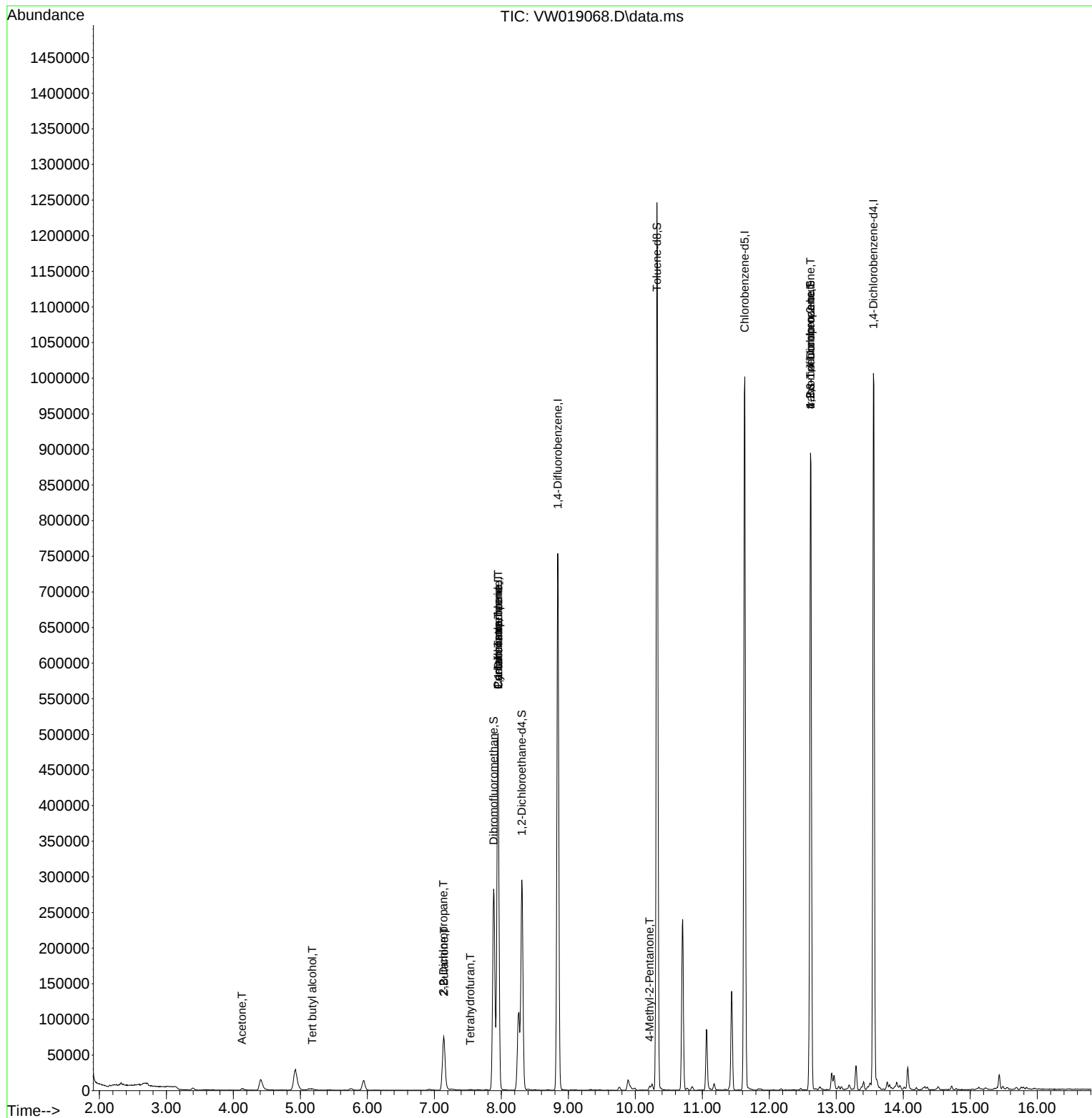
Internal Standards						
1) Pentafluorobenzene	7.952	168	362167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	616362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	552655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	261703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	233066	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
35) Dibromofluoromethane	7.885	113	201175	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
50) Toluene-d8	10.323	98	811894	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
62) 4-Bromofluorobenzene	12.615	95	277217	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.178	59	3422	15.41	ug/l	95
16) Acetone	4.129	43	4562	6.53	ug/l #	85
25) 2-Butanone	7.147	43	4390	4.26	ug/l #	68
26) 2,2-Dichloropropane	7.135	77	5525	1.20	ug/l #	52
29) Tetrahydrofuran	7.537	42	629	1.08	ug/l #	55
31) Cyclohexane	7.952	56	9223	1.34	ug/l #	18
36) 1,1-Dichloropropene	7.952	75	31471	4.57	ug/l #	49
38) Carbon Tetrachloride	7.952	117	37370	6.12	ug/l #	15
51) 4-Methyl-2-Pentanone	10.213	43	4566	1.88	ug/l	96
76) 1,2,3-Trichloropropane	12.615	75	152479	61.10	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	152479	138.00	ug/l #	9

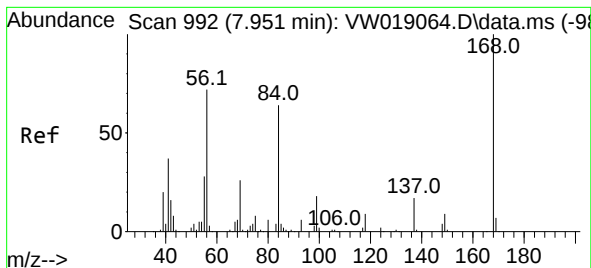
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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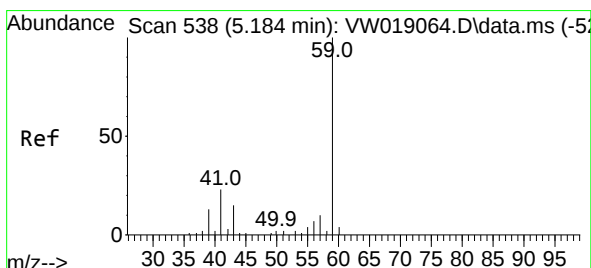
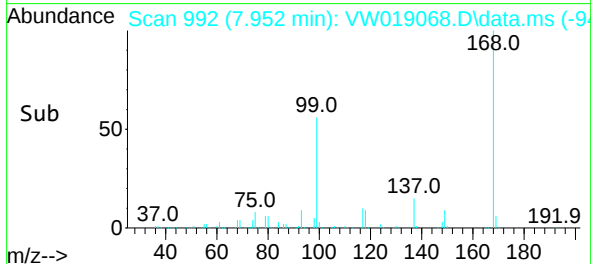
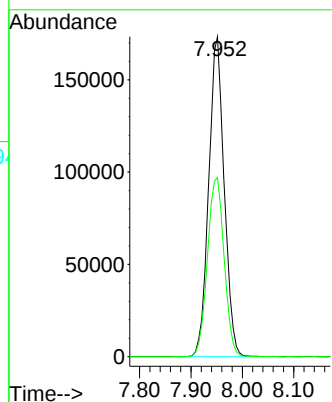
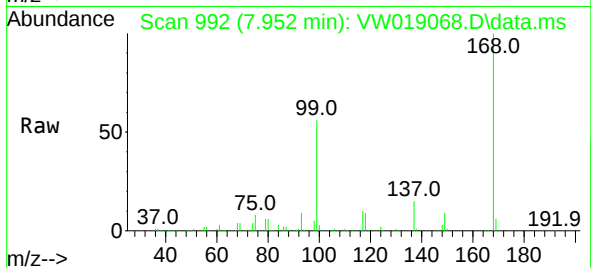




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

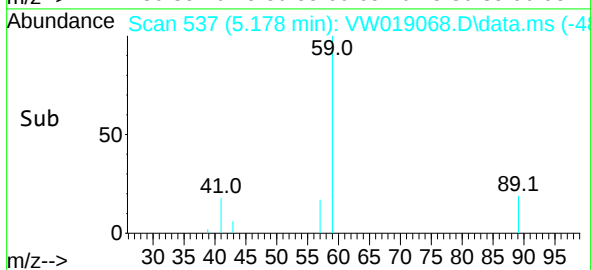
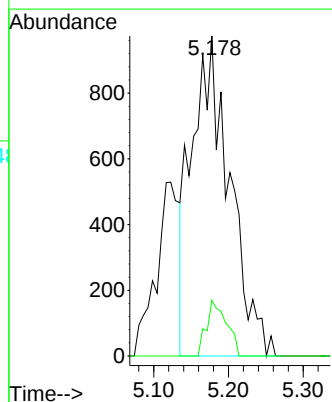
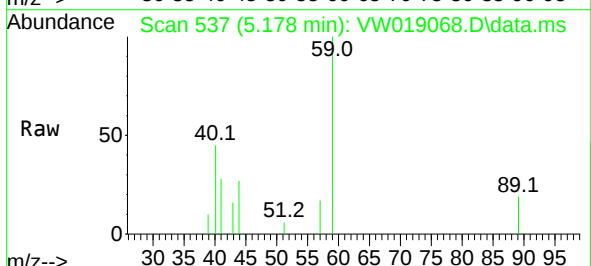
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBL01

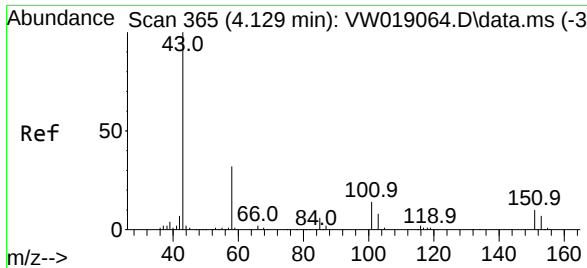
Tgt Ion:168 Resp: 362167
Ion Ratio Lower Upper
168 100
99 55.9 48.8 73.2



#11
Tert butyl alcohol
Concen: 15.41 ug/l
RT: 5.178 min Scan# 537
Delta R.T. -0.006 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

Tgt Ion: 59 Resp: 3422
Ion Ratio Lower Upper
59 100
57 9.2 8.9 13.3

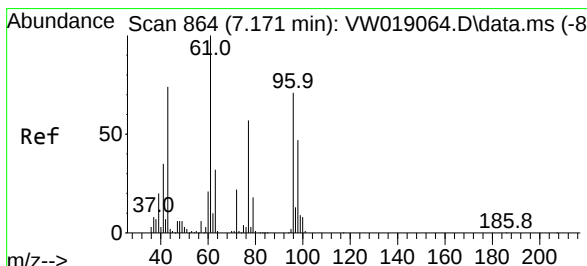
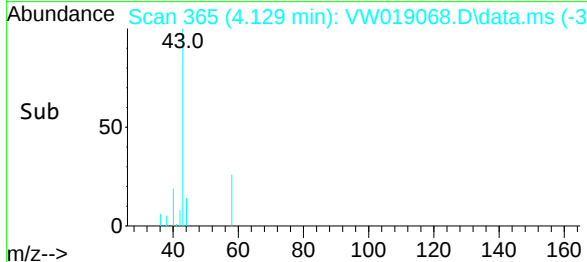
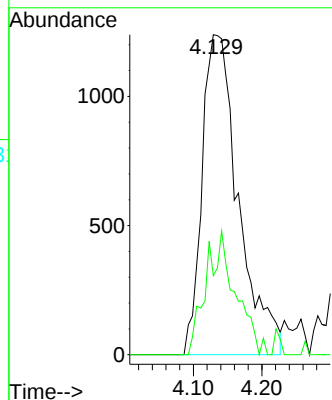
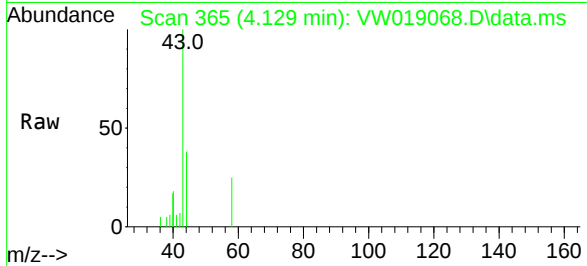




#16
Acetone
Concen: 6.53 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

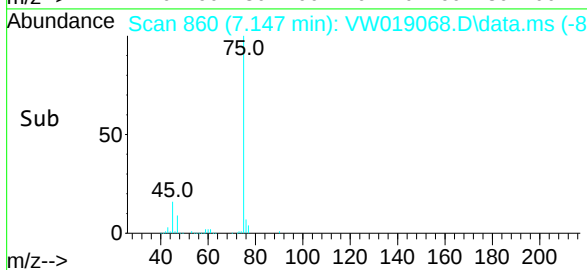
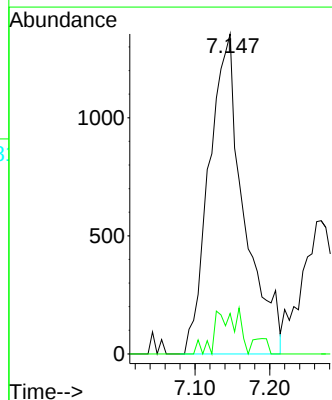
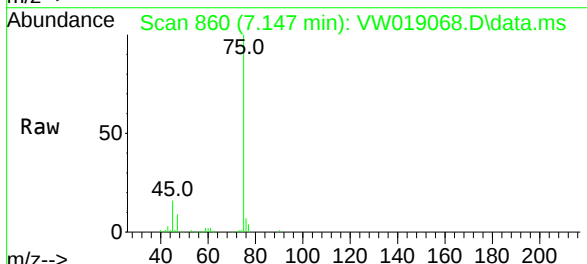
Instrument :
MSVOA_W
ClientSampleId :
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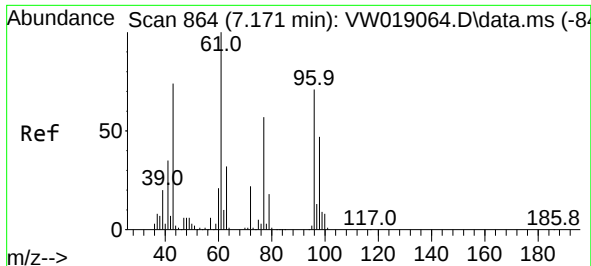
Tgt Ion: 43 Resp: 4562
Ion Ratio Lower Upper
43 100
58 24.7 26.4 39.6#



#25
2-Butanone
Concen: 4.26 ug/l
RT: 7.147 min Scan# 860
Delta R.T. -0.024 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

Tgt Ion: 43 Resp: 4390
Ion Ratio Lower Upper
43 100
72 12.6 24.0 36.0#

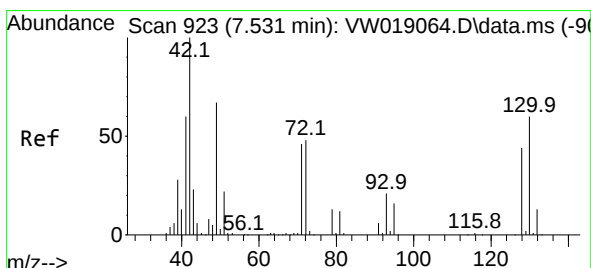
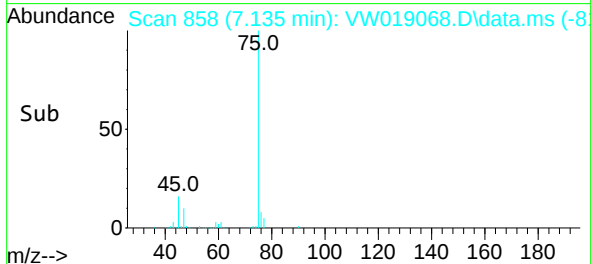
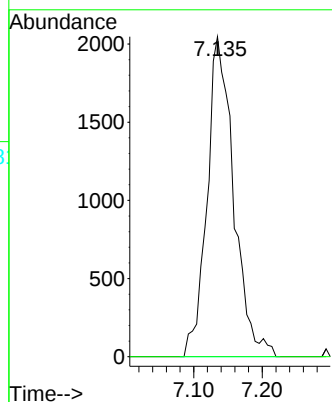
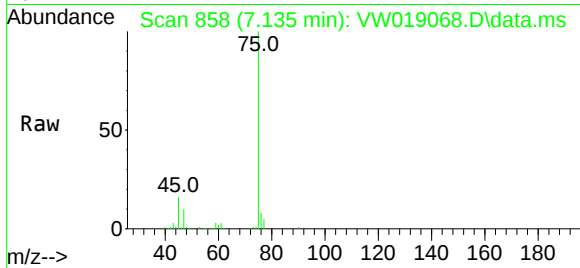




#26
2,2-Dichloropropane
Concen: 1.20 ug/l
RT: 7.135 min Scan# 858
Delta R.T. -0.036 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

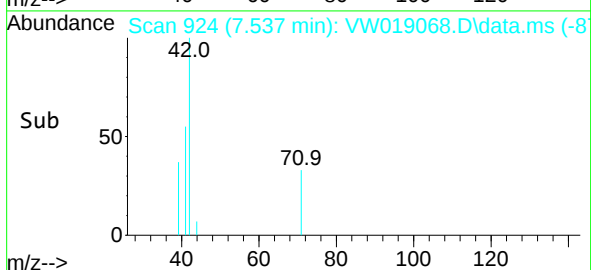
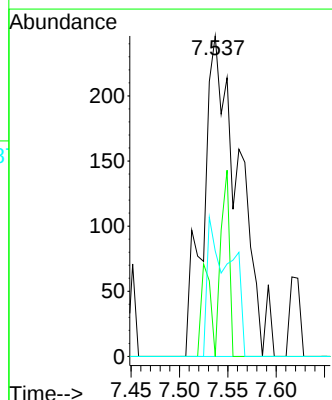
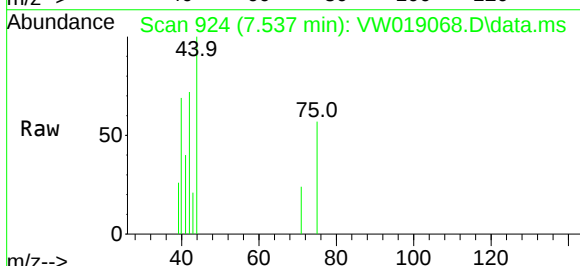
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBL01

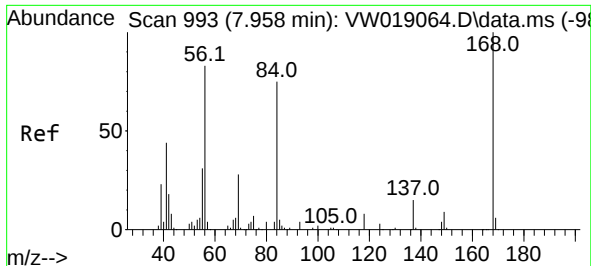
Tgt Ion: 77 Resp: 5525
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.3#



#29
Tetrahydrofuran
Concen: 1.08 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

Tgt Ion: 42 Resp: 629
Ion Ratio Lower Upper
42 100
72 21.5 40.1 60.1#
71 14.6 38.3 57.5#

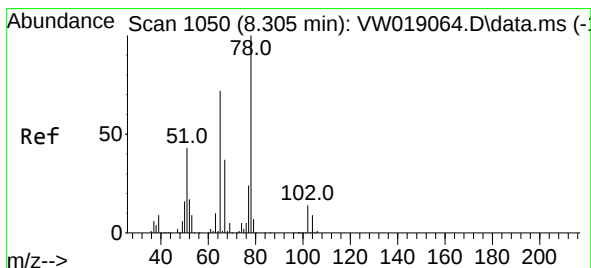
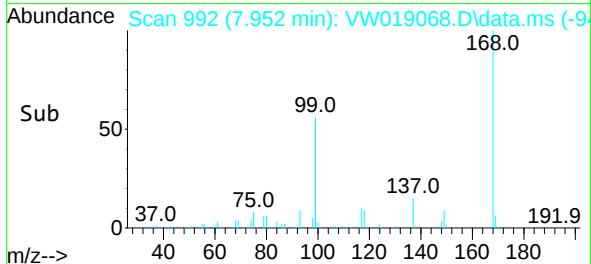
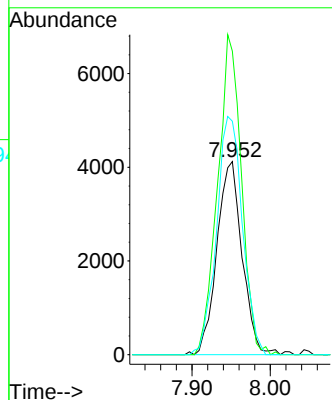
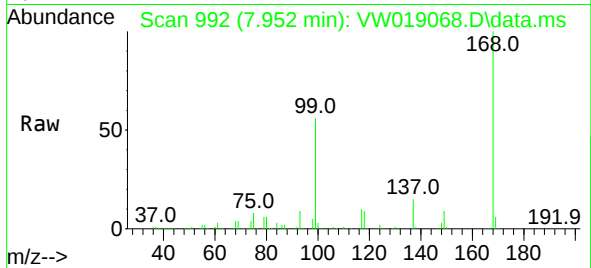




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

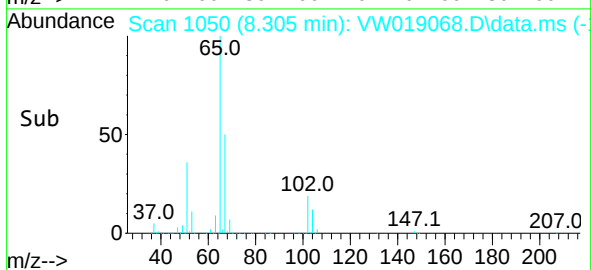
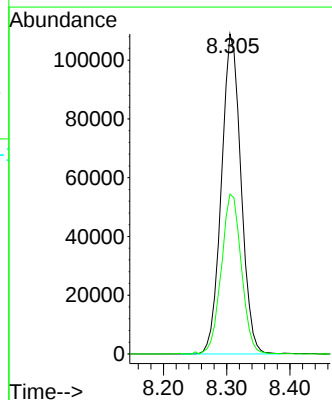
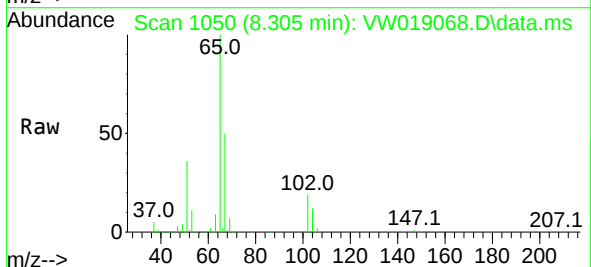
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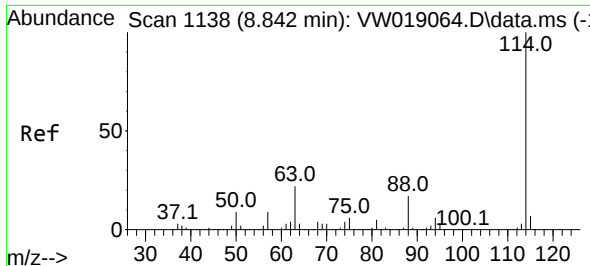
Tgt Ion: 56 Resp: 9223
Ion Ratio Lower Upper
56 100
69 157.2 28.4 42.6#
84 120.9 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 51.34 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

Tgt Ion: 65 Resp: 233066
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0

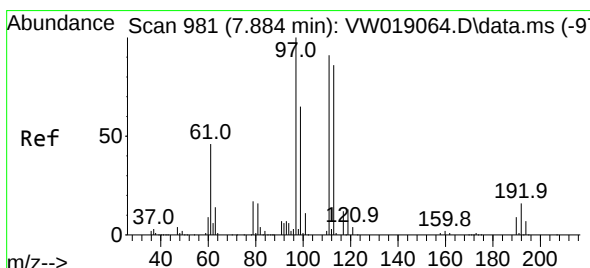
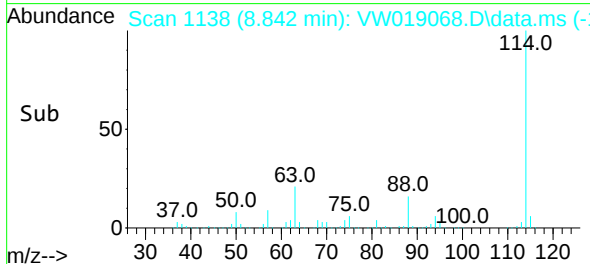
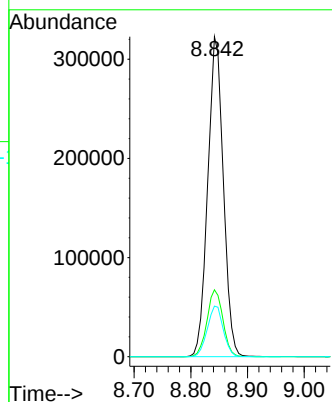
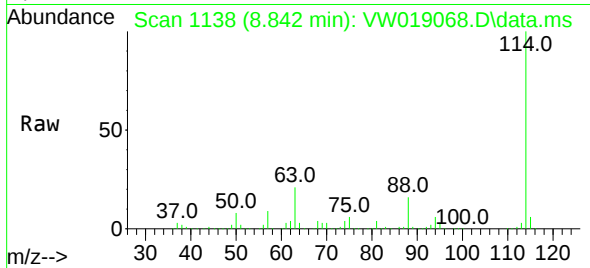




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

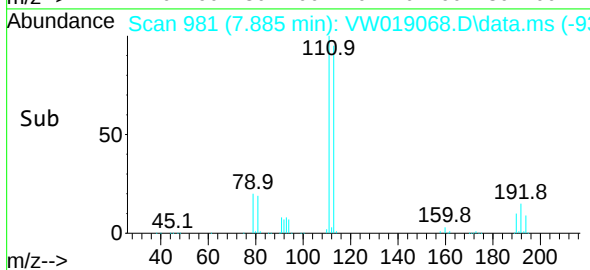
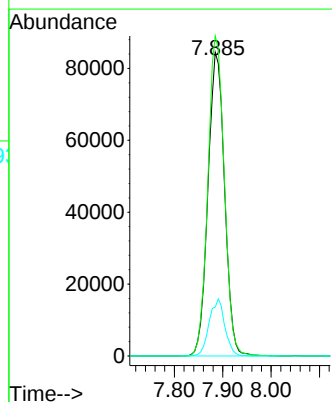
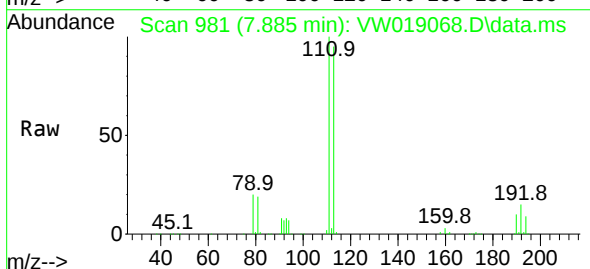
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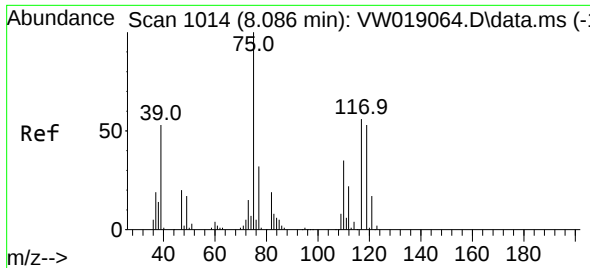
Tgt Ion:114 Resp: 616362
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.4
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.97 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

Tgt Ion:113 Resp: 201175
Ion Ratio Lower Upper
113 100
111 104.7 82.3 123.5
192 17.7 15.3 22.9

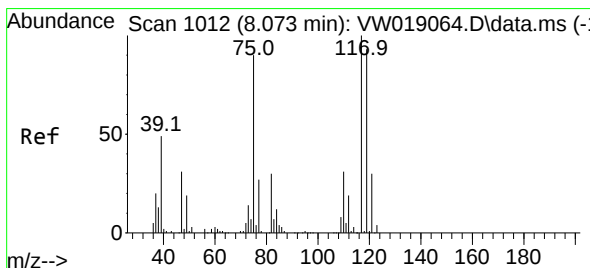
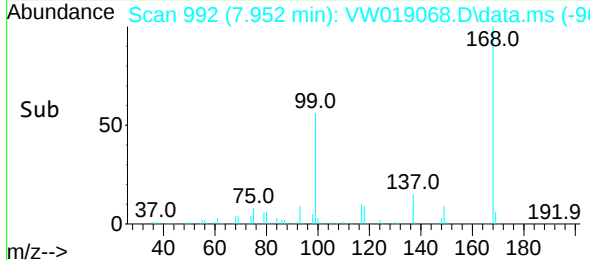
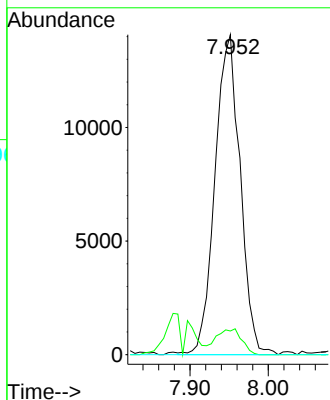
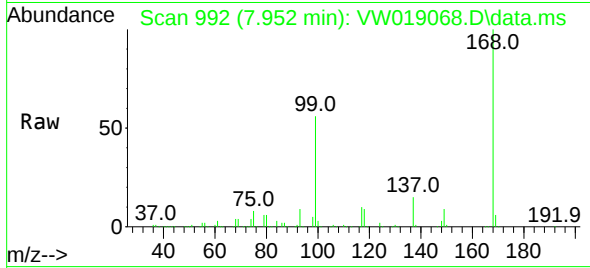




#36
 1,1-Dichloropropene
 Concen: 4.57 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. -0.134 min
 Lab File: VW019068.D
 Acq: 24 May 2021 16:45

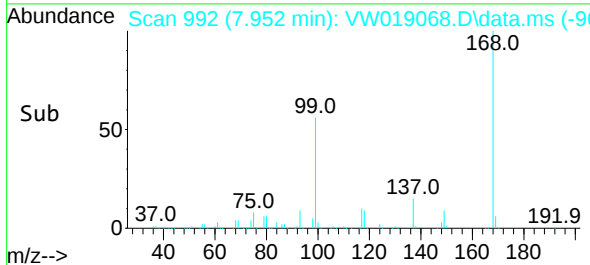
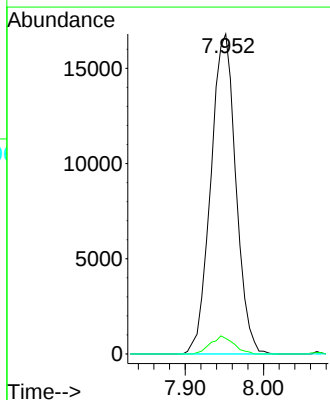
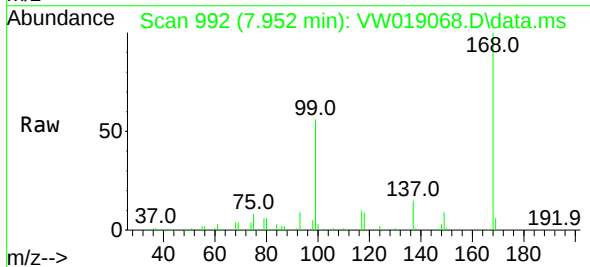
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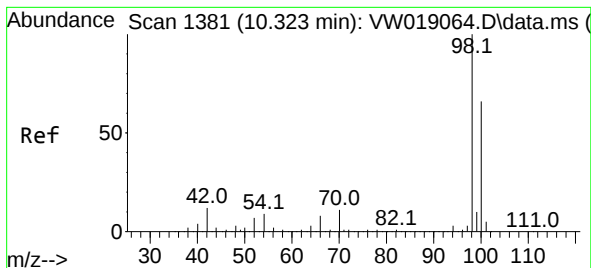
Tgt Ion: 75 Resp: 31471
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.1 51.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.12 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. -0.122 min
 Lab File: VW019068.D
 Acq: 24 May 2021 16:45

Tgt Ion: 117 Resp: 37370
 Ion Ratio Lower Upper
 117 100
 119 4.8 77.4 116.0#
 121 0.0 23.6 35.4#

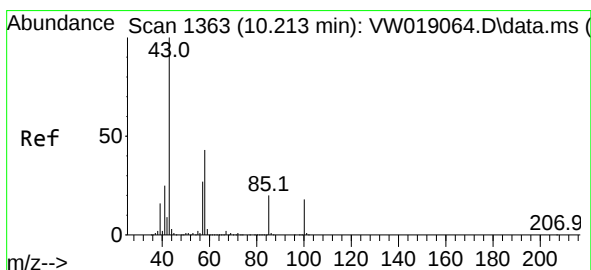
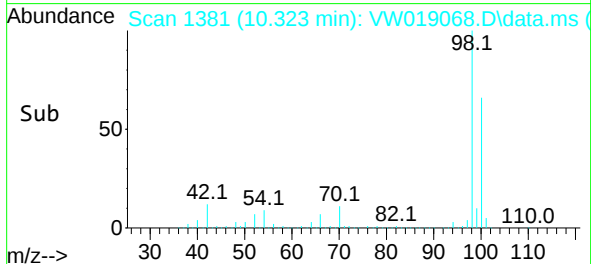
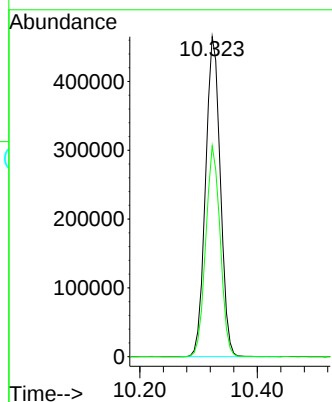
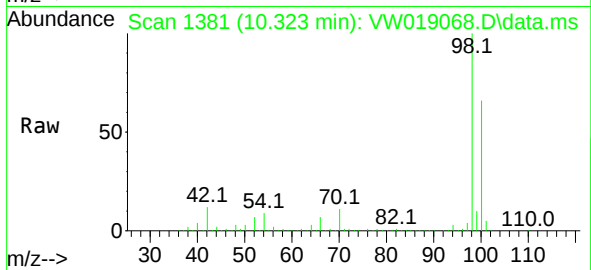




#50
Toluene-d8
Concen: 47.52 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

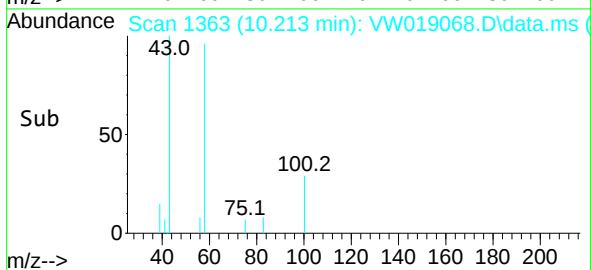
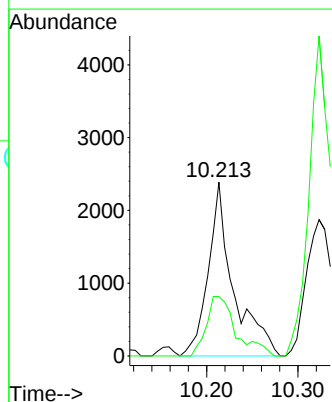
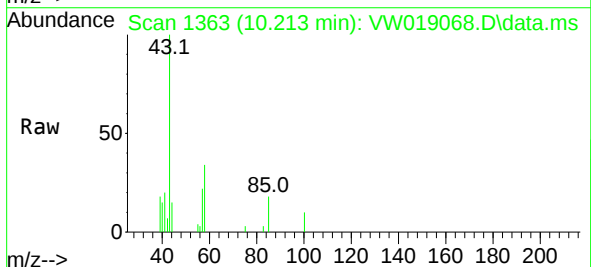
Instrument :
MSVOA_W
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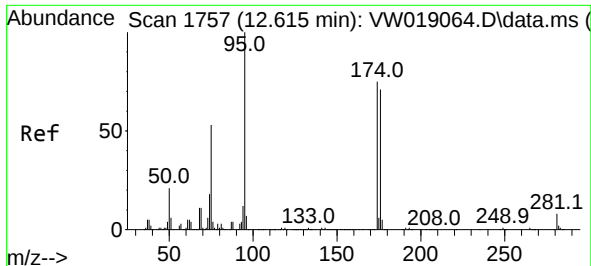
Tgt Ion: 98 Resp: 811894
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.88 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

Tgt Ion: 43 Resp: 4566
Ion Ratio Lower Upper
43 100
58 40.1 34.2 51.4

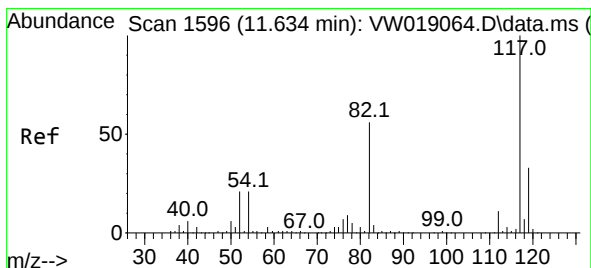
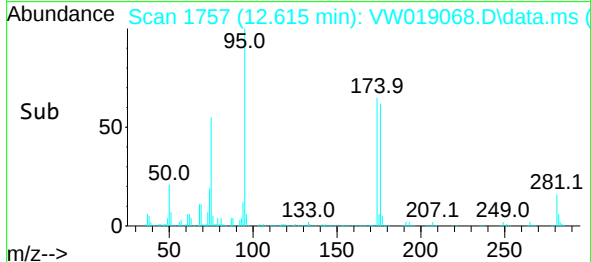
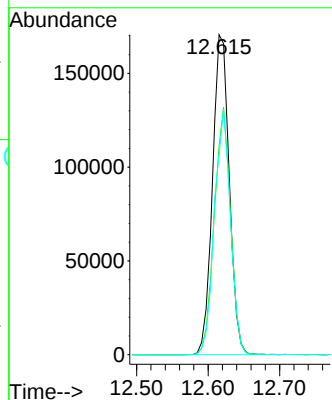
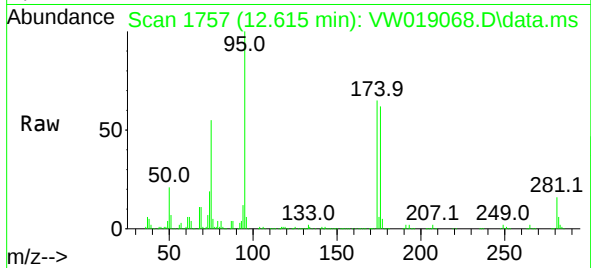




#62
4-Bromofluorobenzene
Concen: 46.00 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

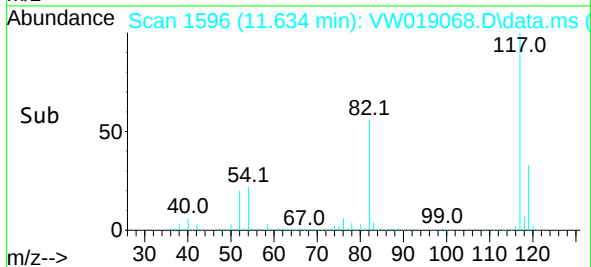
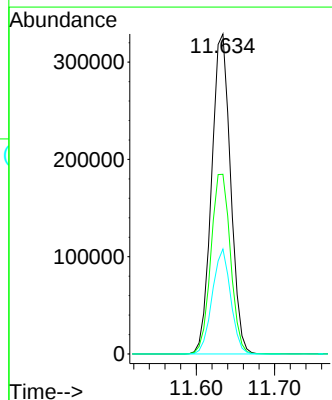
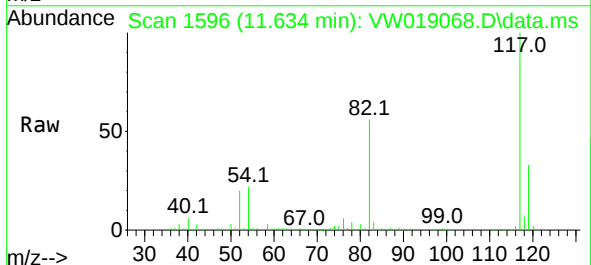
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBL01

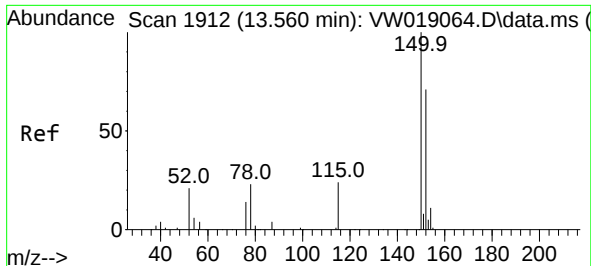
Tgt Ion: 95 Resp: 277217
Ion Ratio Lower Upper
95 100
174 75.3 0.0 156.2
176 73.6 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

Tgt Ion: 117 Resp: 552655
Ion Ratio Lower Upper
117 100
82 56.1 44.4 66.6
119 32.8 24.6 36.8

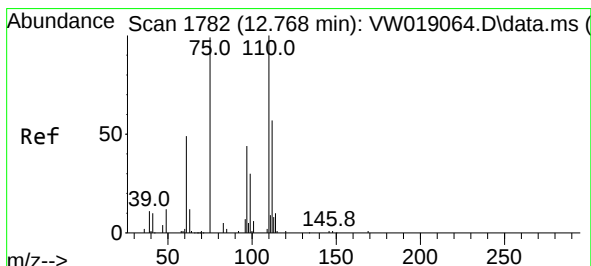
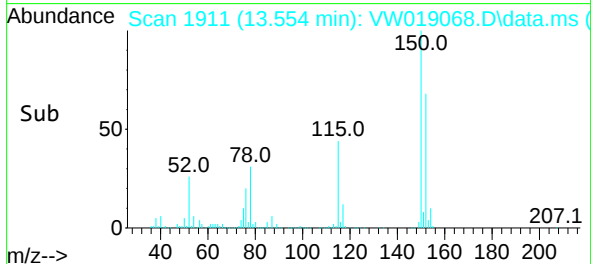
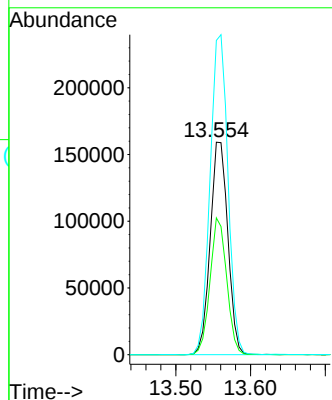
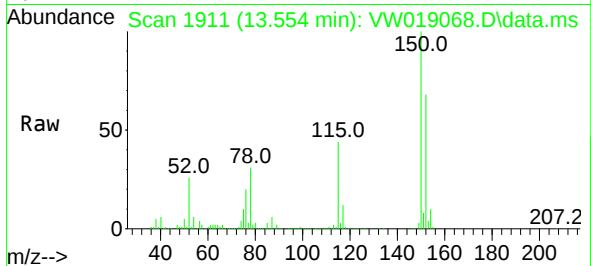




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

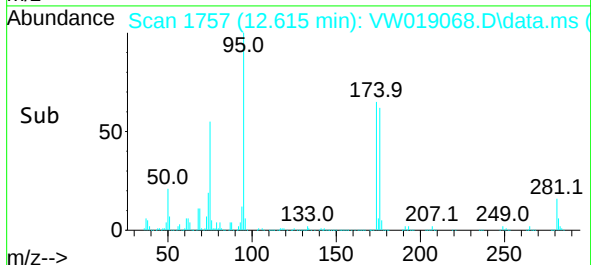
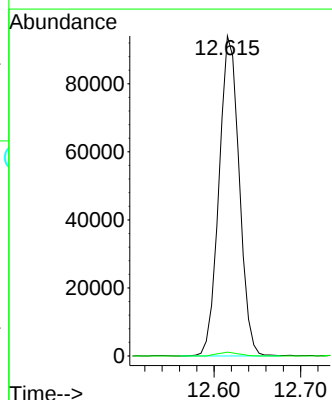
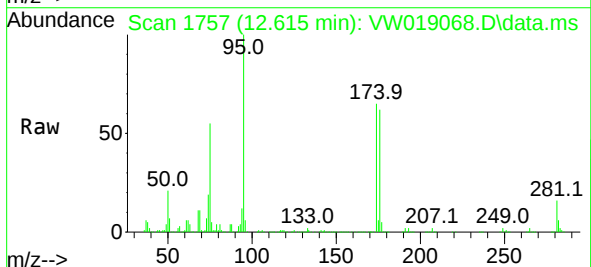
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBL01

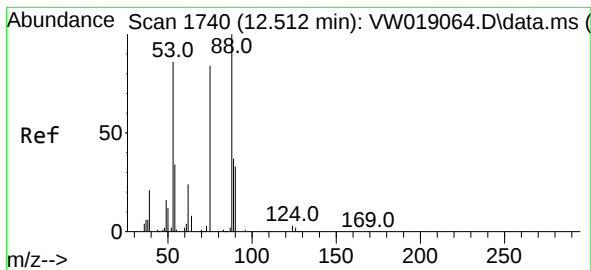
Tgt Ion:152 Resp: 261703
Ion Ratio Lower Upper
152 100
115 60.8 30.3 90.8
150 152.4 0.0 356.0



#76
1,2,3-Trichloropropane
Concen: 61.10 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

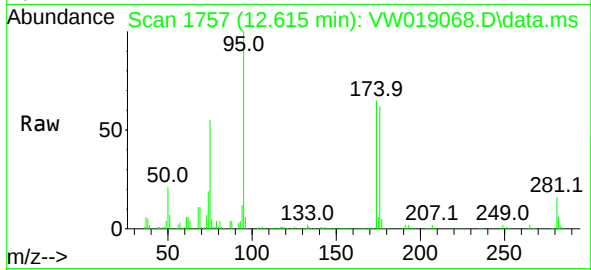
Tgt Ion: 75 Resp: 152479
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 138.00 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW019068.D
Acq: 24 May 2021 16:45

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBL01



Tgt Ion: 75 Resp: 152479
Ion Ratio Lower Upper
75 100
53 0.1 81.5 122.3#
89 0.5 36.3 54.5#

