

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019516.D
 Acq On : 20 Jul 2021 17:15
 Operator : SY/VA
 Sample : M3074-01
 Misc : 5.07g/5.3mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-071621

Quant Time: Jul 21 02:05:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:37:55 2021
 Response via : Initial Calibration

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

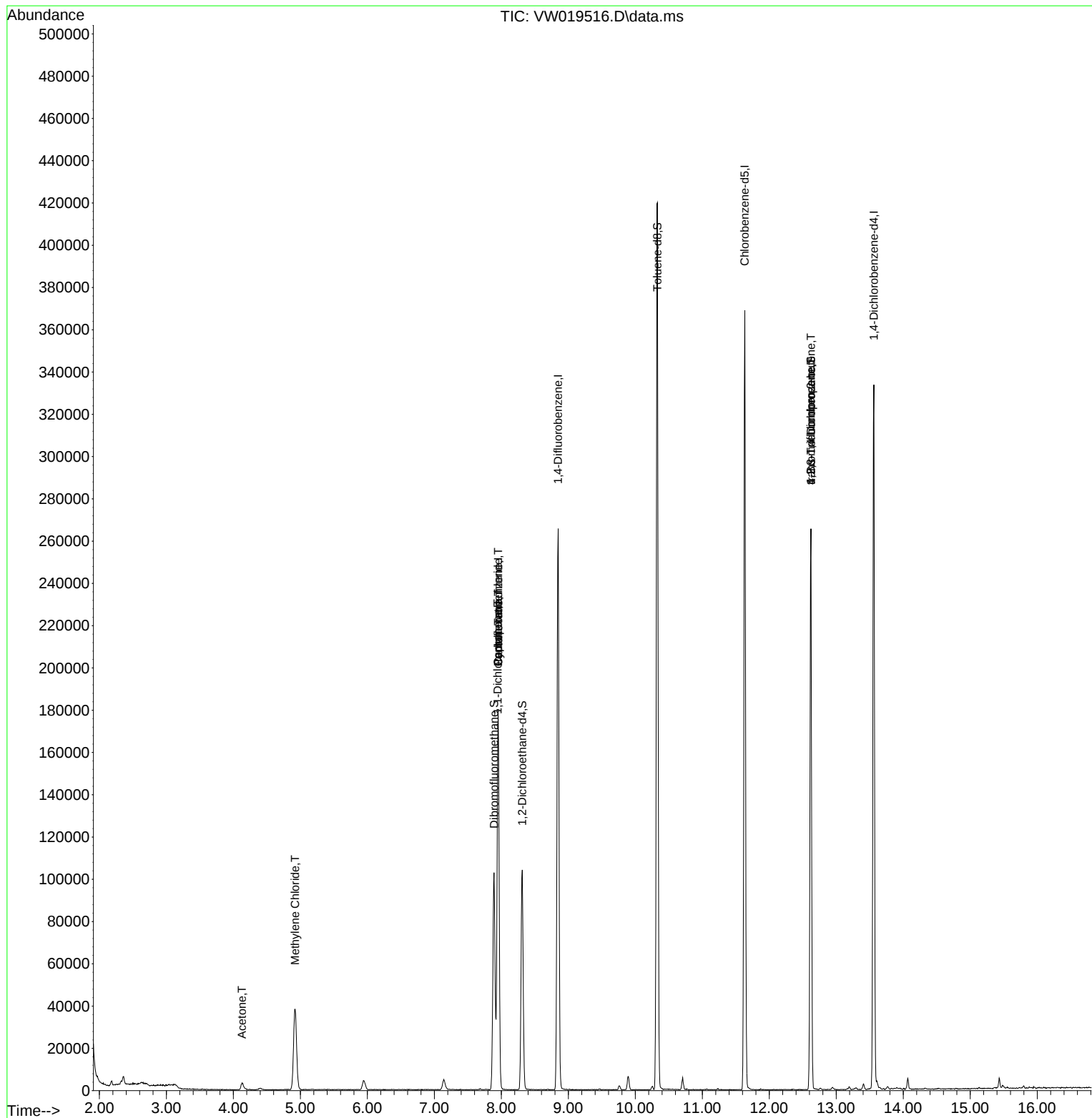
Internal Standards						
1) Pentafluorobenzene	7.952	168	128805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	221075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	203222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	88135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	83755	68.924	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.840%	
35) Dibromofluoromethane	7.891	113	73105	54.125	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.240%	
50) Toluene-d8	10.329	98	284501	54.403	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.800%	
62) 4-Bromofluorobenzene	12.621	95	92787	47.301	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.172	59	276	Below Cal	#	73
16) Acetone	4.129	43	6171	26.343	ug/l	97
20) Methylene Chloride	4.922	84	30543	16.811	ug/l	99
31) Cyclohexane	7.952	56	2915	1.077	ug/l	# 1
36) 1,1-Dichloropropene	7.945	75	10920	4.633	ug/l	# 49
38) Carbon Tetrachloride	7.952	117	13077	6.351	ug/l	# 16
76) 1,2,3-Trichloropropane	12.621	75	47019	53.979	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.621	75	47019	123.018	ug/l	# 12

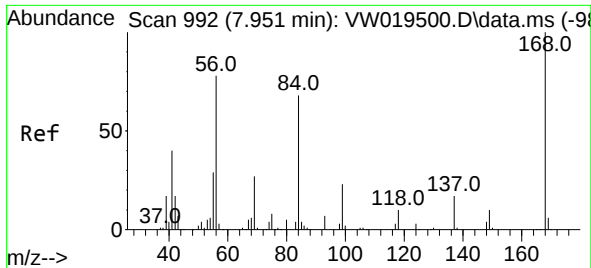
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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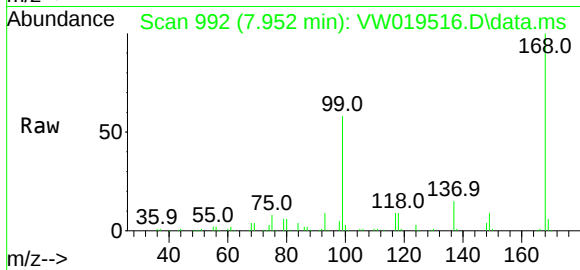
Quant Time: Jul 21 02:05:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
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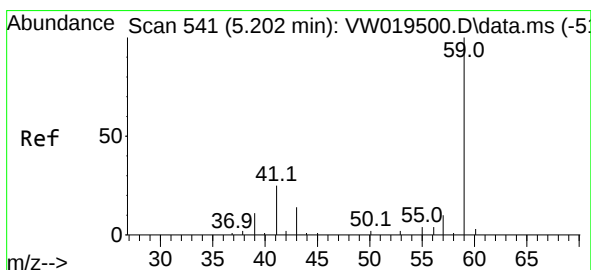
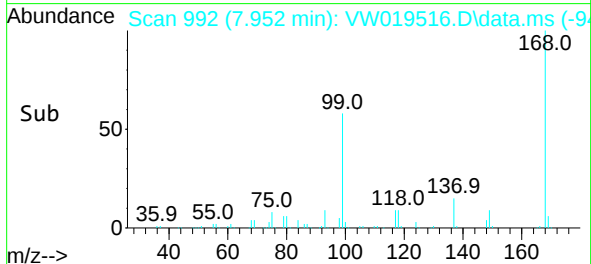
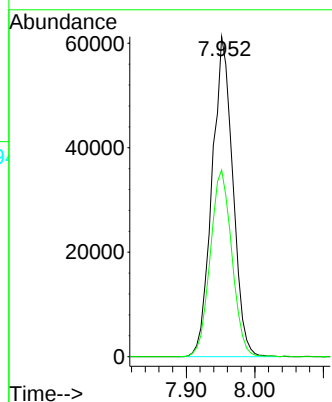


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

Instrument :
MSVOA_W
ClientSampleId :
OK-02-071621

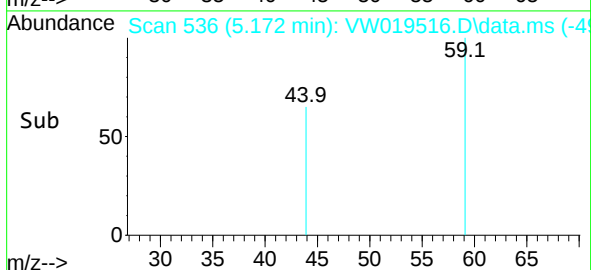
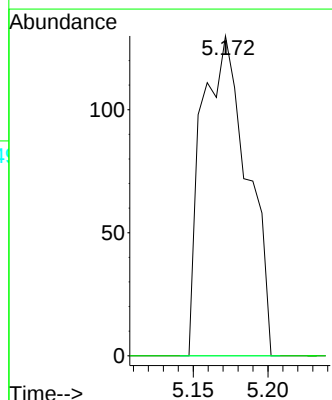
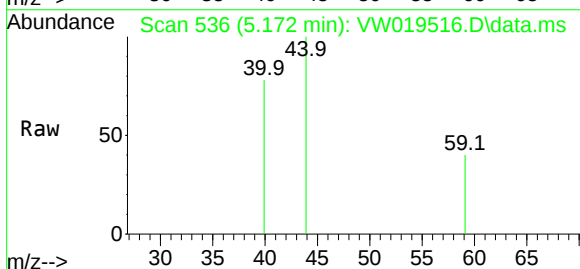


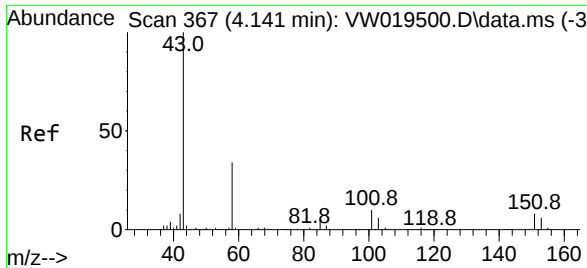
Tgt Ion:168 Resp: 128805
Ion Ratio Lower Upper
168 100
99 58.4 51.9 77.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.172 min Scan# 536
Delta R.T. -0.030 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

Tgt Ion: 59 Resp: 276
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

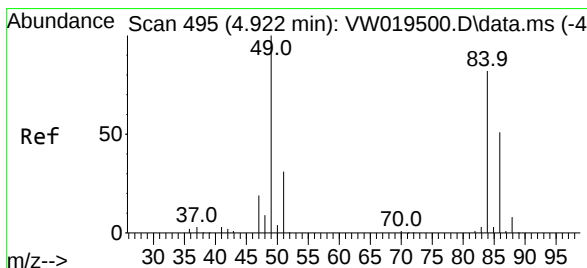
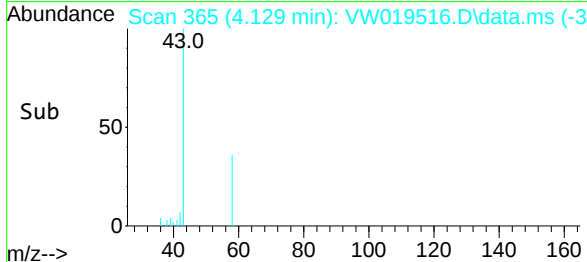
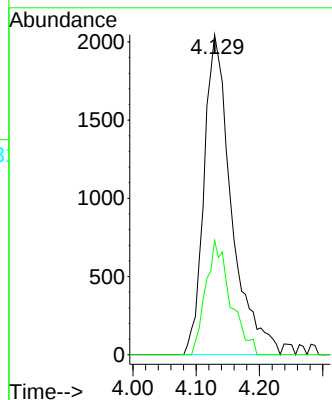
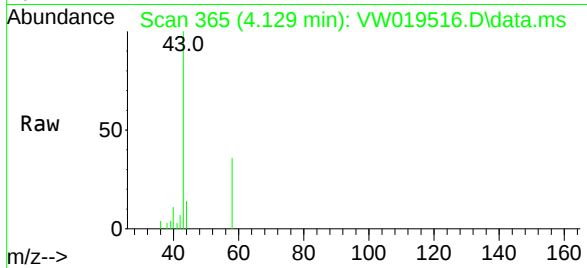




#16
Acetone
Concen: 26.343 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

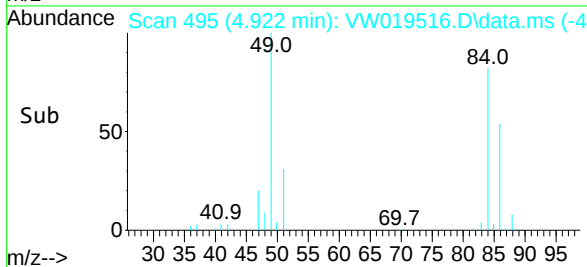
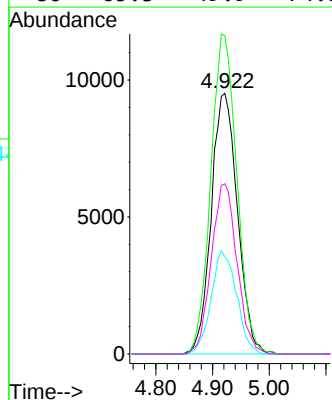
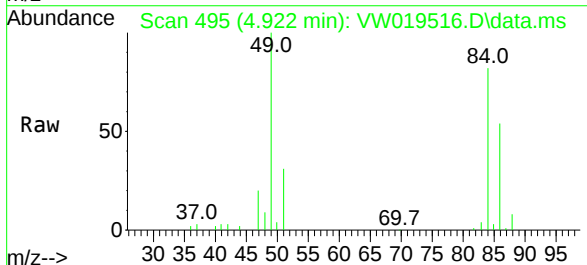
Instrument :
MSVOA_W
ClientSampleId :
OK-02-071621

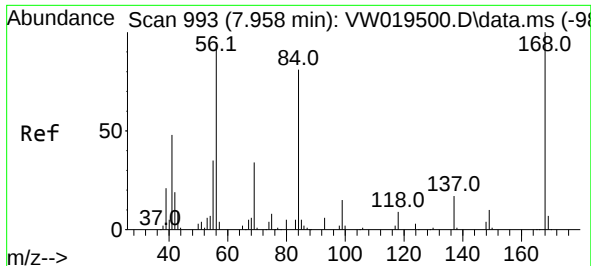
Tgt Ion: 43 Resp: 6171
Ion Ratio Lower Upper
43 100
58 35.7 27.2 40.8



#20
Methylene Chloride
Concen: 16.811 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

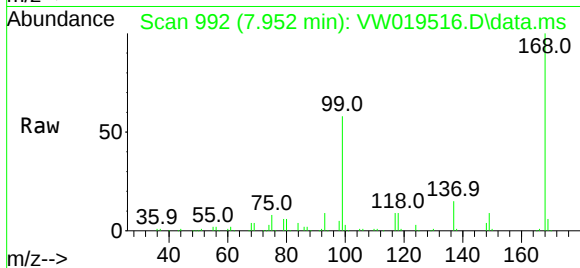
Tgt Ion: 84 Resp: 30543
Ion Ratio Lower Upper
84 100
49 122.0 97.2 145.8
51 37.3 30.1 45.1
86 65.3 49.9 74.9



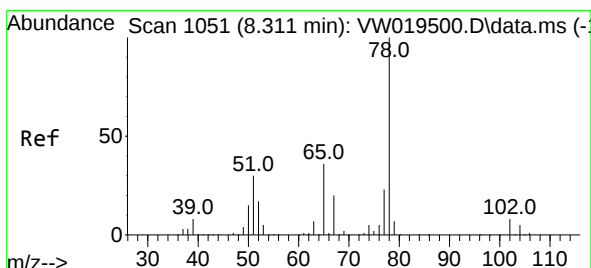
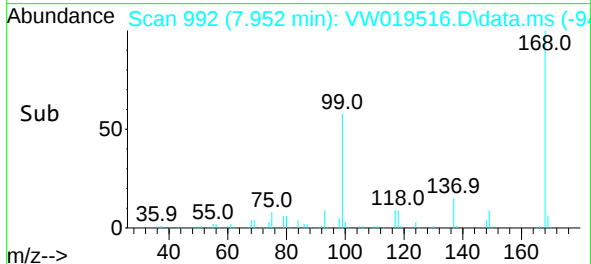
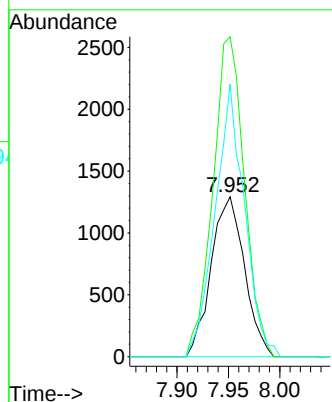


#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

Instrument :
MSVOA_W
ClientSampleId :
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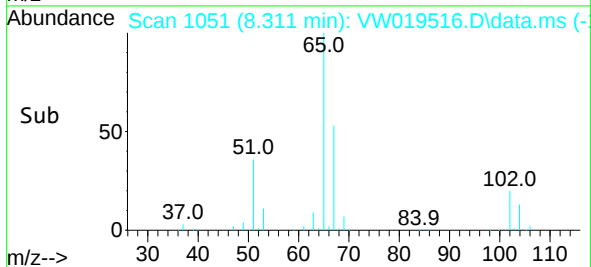
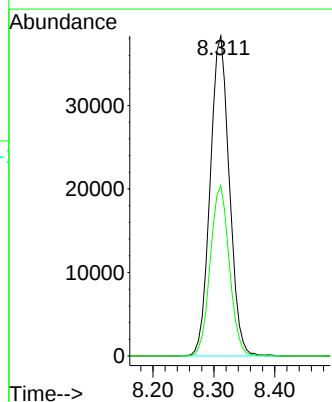
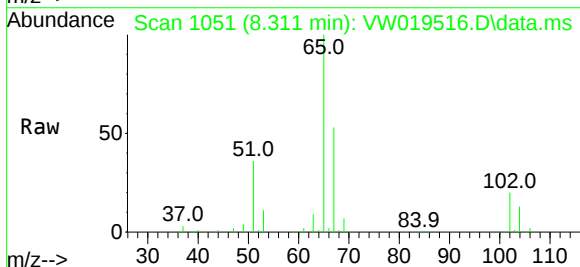


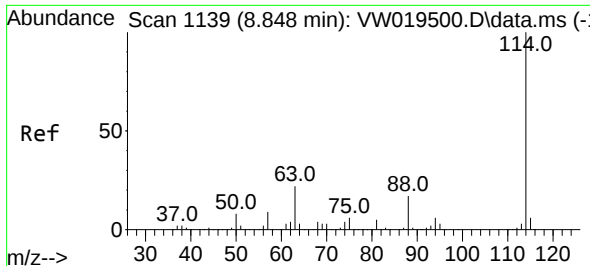
Tgt Ion: 56 Resp: 2915
Ion Ratio Lower Upper
56 100
69 200.2 28.3 42.5#
84 170.6 68.1 102.1#



#33
1,2-Dichloroethane-d4
Concen: 68.924 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

Tgt Ion: 65 Resp: 83755
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.8

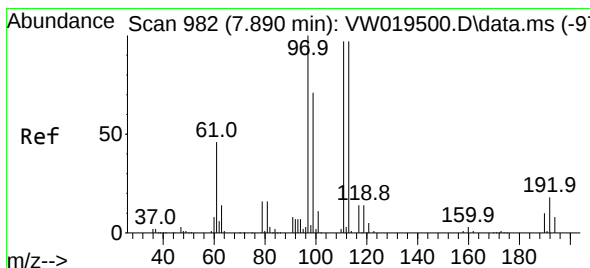
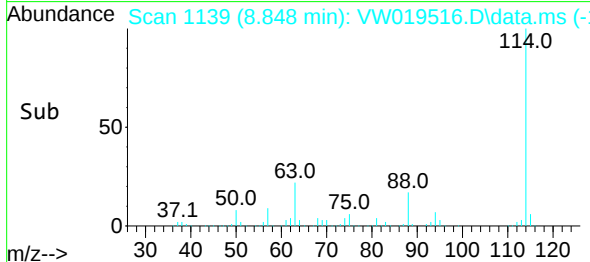
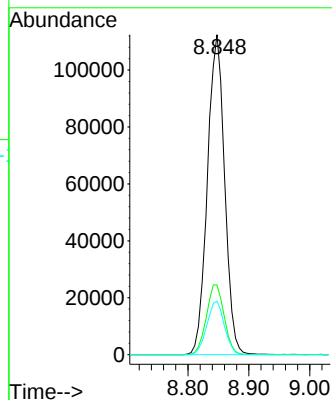
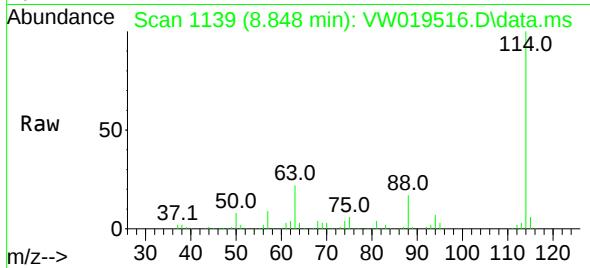




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

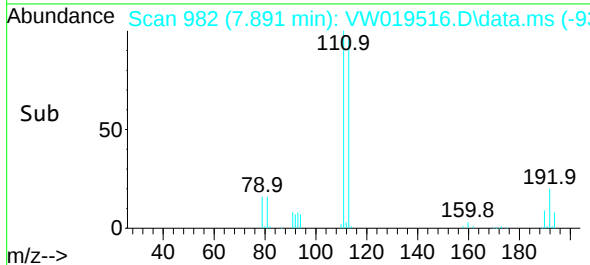
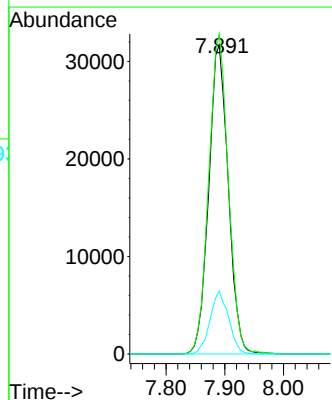
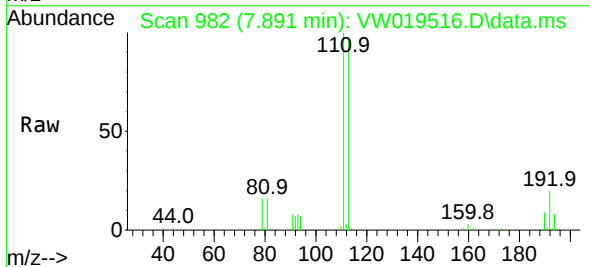
Instrument :
MSVOA_W
ClientSampleId :
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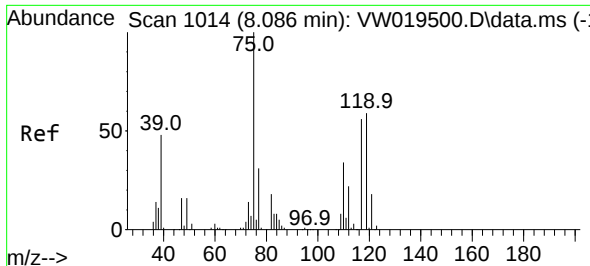
Tgt Ion:	114	Resp:	221075
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.8
88	16.8	0.0	33.4



#35
Dibromofluoromethane
Concen: 54.125 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

Tgt Ion:	113	Resp:	73105
Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.8	125.6
192	19.4	15.4	23.2

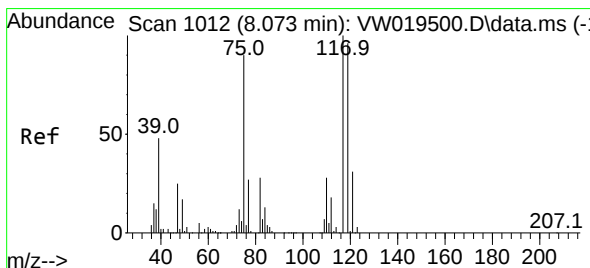
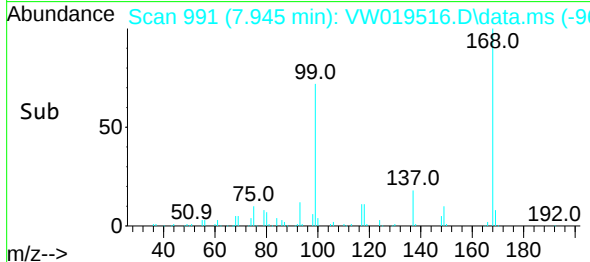
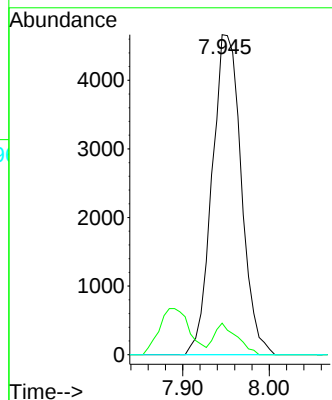
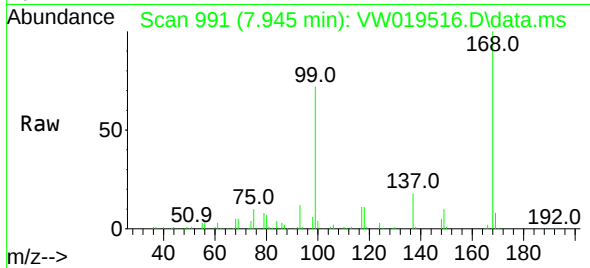




#36
1,1-Dichloropropene
Concen: 4.633 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

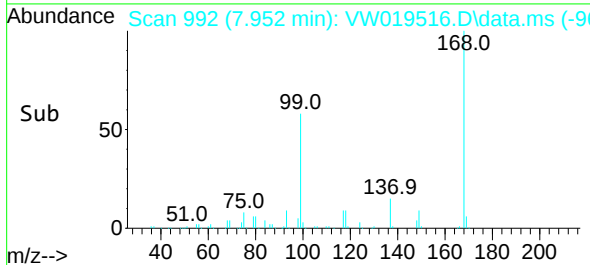
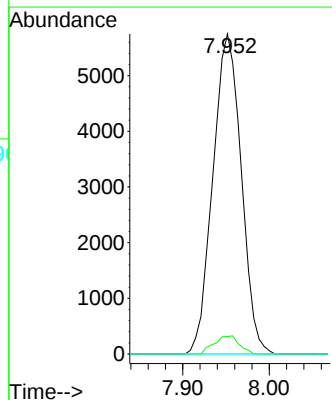
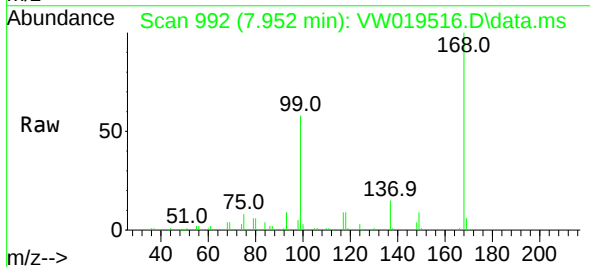
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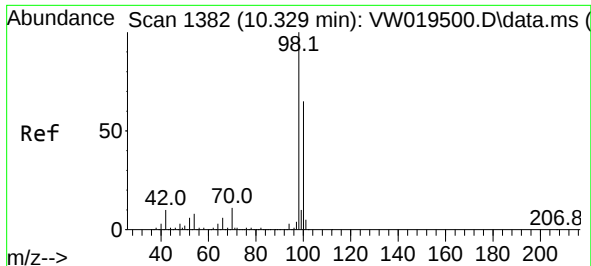
Tgt Ion: 75 Resp: 10920
Ion Ratio Lower Upper
75 100
110 7.6 16.6 49.7#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.351 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

Tgt Ion: 117 Resp: 13077
Ion Ratio Lower Upper
117 100
119 5.5 76.7 115.1#
121 0.0 24.8 37.2#

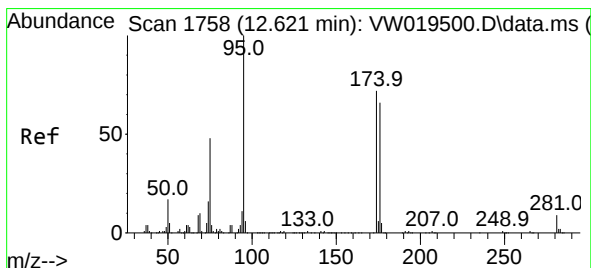
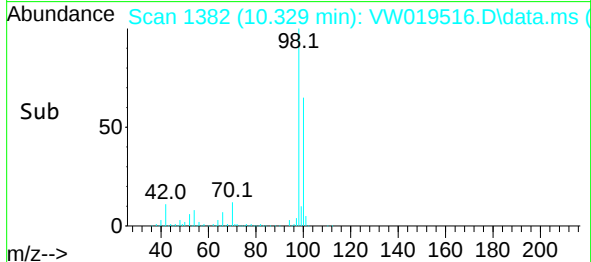
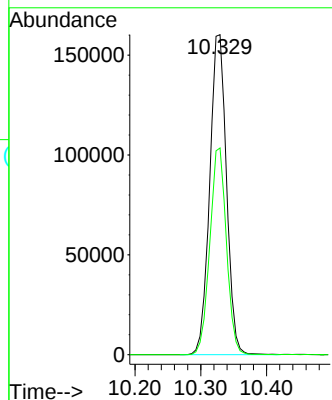
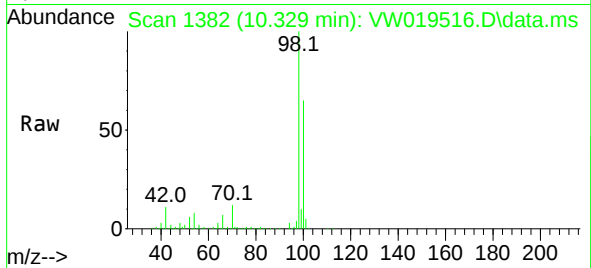




#50
Toluene-d8
Concen: 54.403 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

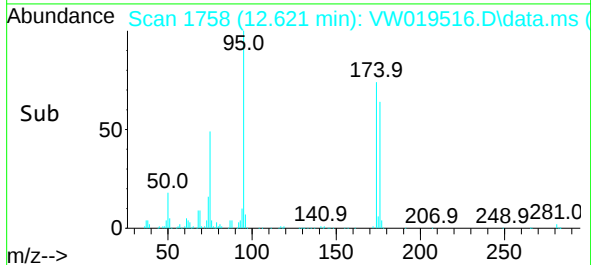
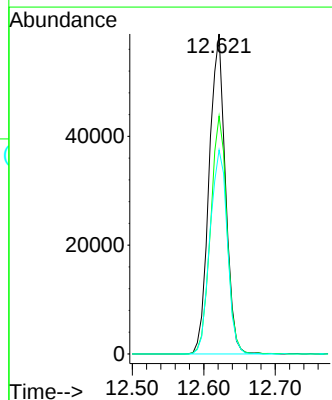
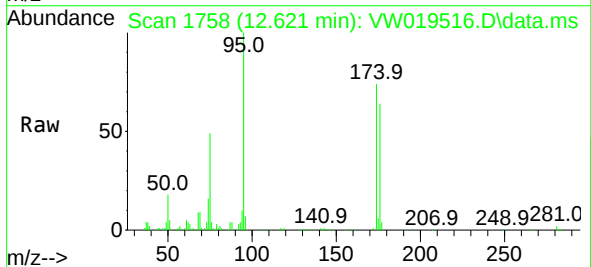
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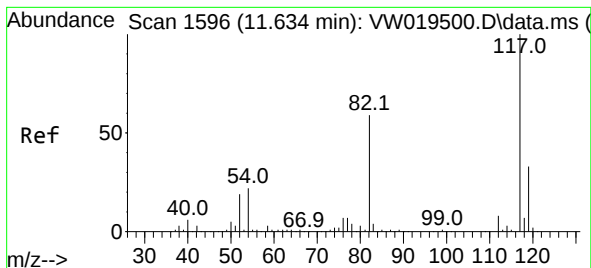
Tgt Ion: 98 Resp: 284501
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.301 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

Tgt Ion: 95 Resp: 92787
Ion Ratio Lower Upper
95 100
174 74.7 0.0 146.6
176 67.8 0.0 136.8

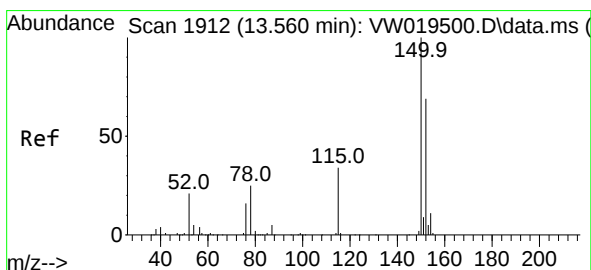
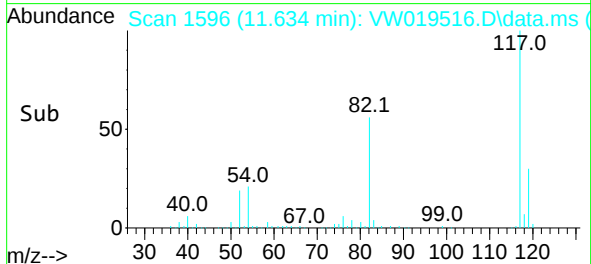
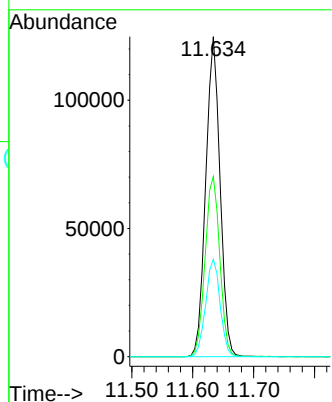
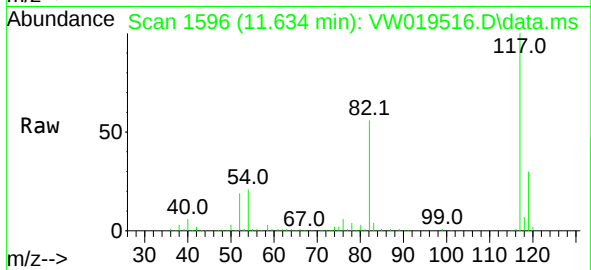




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

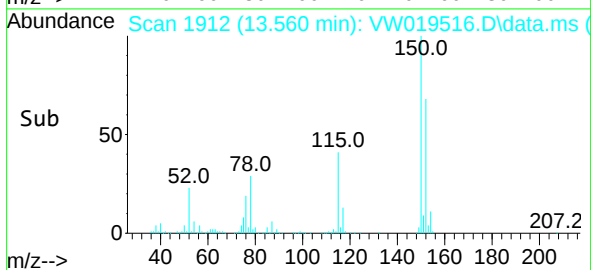
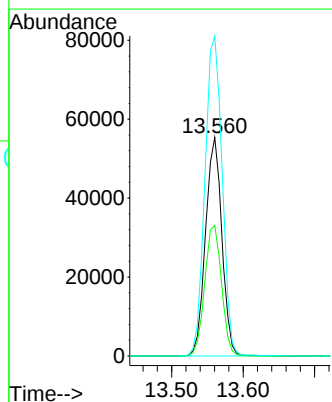
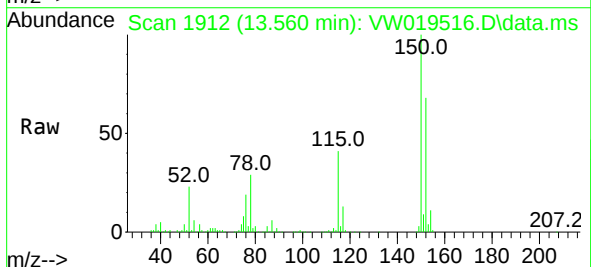
Instrument :
MSVOA_W
ClientSampleId :
OK-02-071621

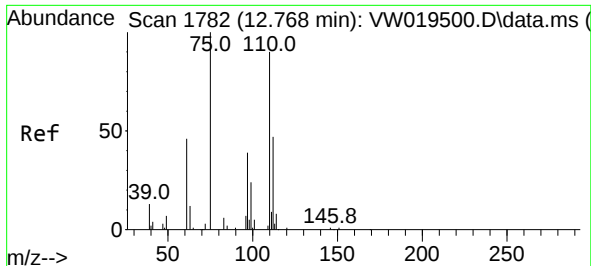
Tgt Ion:117 Resp: 203222
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.0
119 30.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

Tgt Ion:152 Resp: 88135
Ion Ratio Lower Upper
152 100
115 61.2 30.6 91.8
150 154.0 0.0 342.4

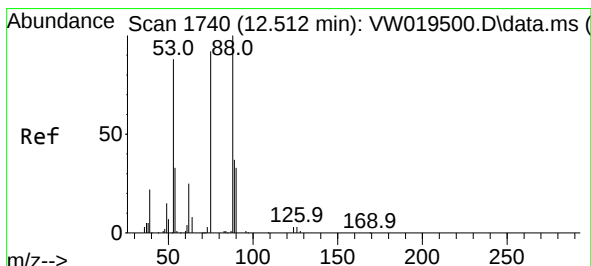
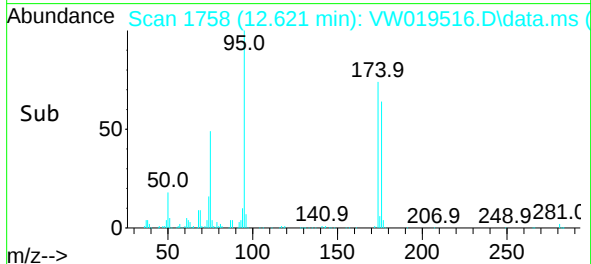
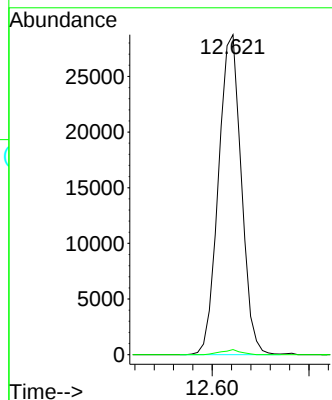
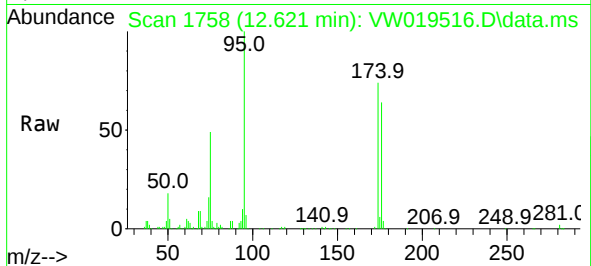




#76
1,2,3-Trichloropropane
Concen: 53.979 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.146 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

Instrument :
MSVOA_W
ClientSampleId :
OK-02-071621

Tgt Ion: 75 Resp: 47019
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.018 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.110 min
Lab File: VW019516.D
Acq: 20 Jul 2021 17:15

Tgt Ion: 75 Resp: 47019
Ion Ratio Lower Upper
75 100
53 0.1 75.8 113.8#
89 0.0 35.7 53.5#

