

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019517.D
 Acq On : 20 Jul 2021 17:41
 Operator : SY/VA
 Sample : M3097-01
 Misc : 5.02g/5.3mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-071921

Quant Time: Jul 21 02:05:41 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)

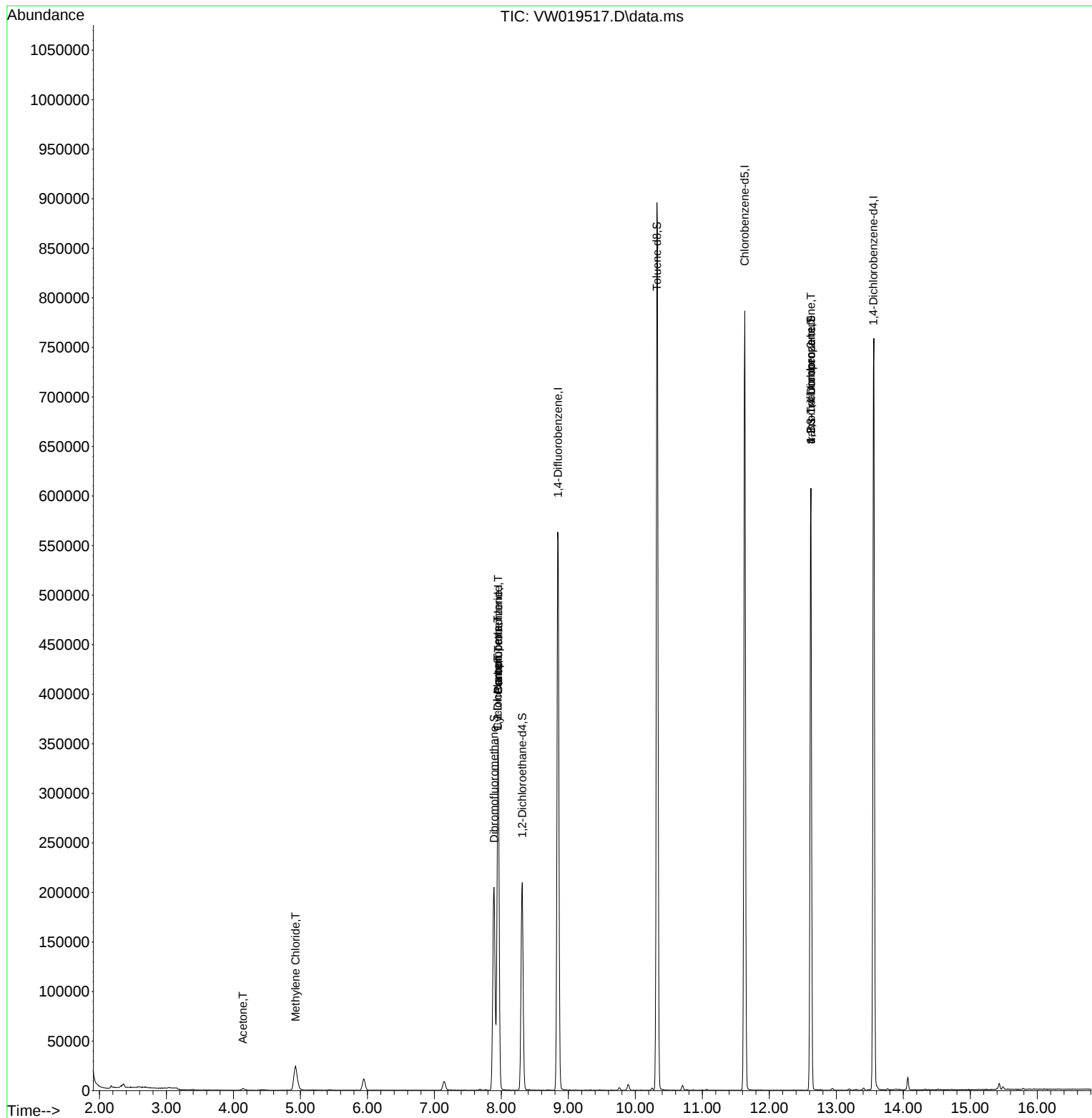
Internal Standards						
1) Pentafluorobenzene	7.951	168	252543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	470549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	429406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	194460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	169961	71.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.020%	
35) Dibromofluoromethane	7.890	113	151474	52.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.380%	
50) Toluene-d8	10.323	98	601703	54.057	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.120%	
62) 4-Bromofluorobenzene	12.621	95	207533	49.706	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.184	59	412	Below Cal	#	73
16) Acetone	4.141	43	3709	8.075	ug/l	91
20) Methylene Chloride	4.928	84	22225	3.061	ug/l	96
31) Cyclohexane	7.945	56	5543	1.045	ug/l	# 1
36) 1,1-Dichloropropene	7.945	75	21332	4.252	ug/l	# 49
38) Carbon Tetrachloride	7.951	117	25921	5.915	ug/l	# 16
76) 1,2,3-Trichloropropane	12.621	75	103955	54.090	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.621	75	103955	123.270	ug/l	# 12

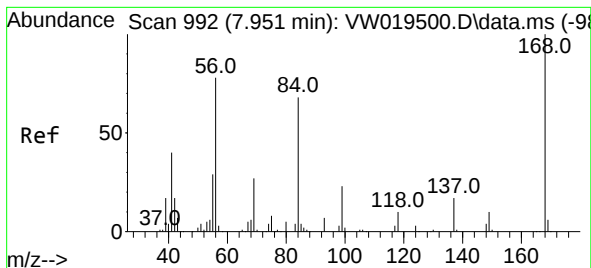
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

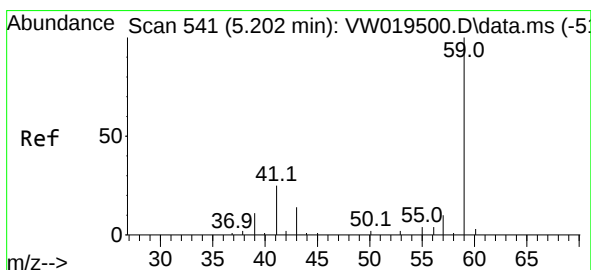
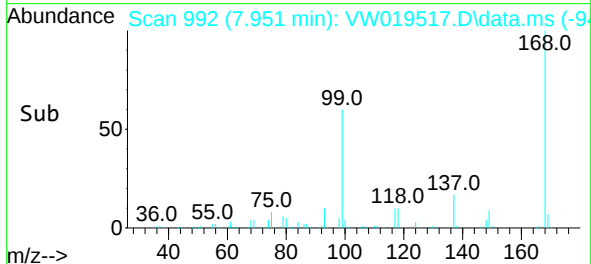
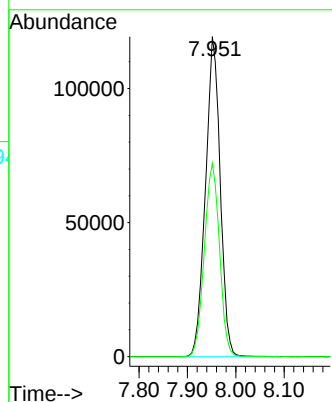
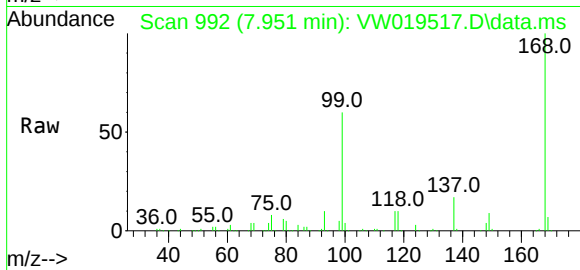




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

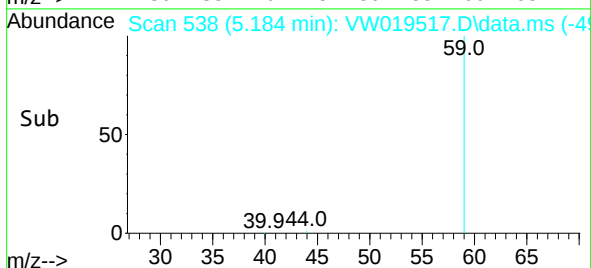
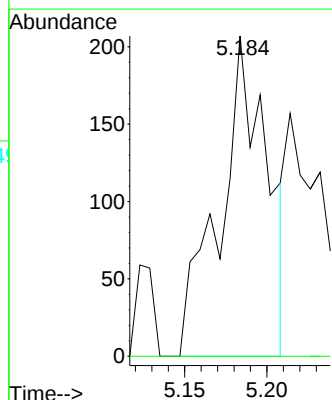
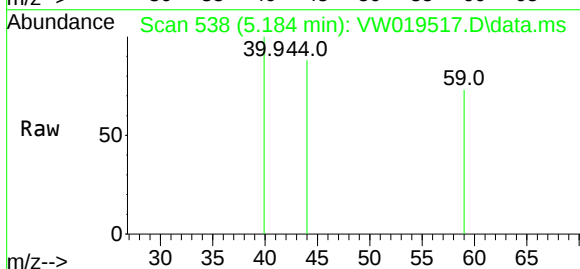
Instrument :
MSVOA_W
ClientSampleId :
HD-01-071921

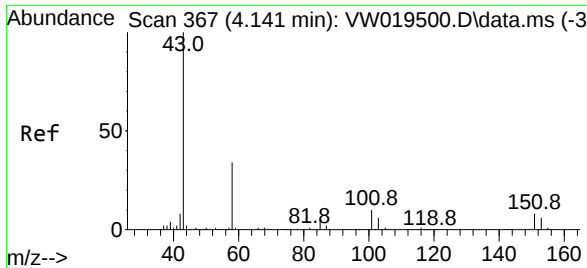
Tgt Ion:168 Resp: 252543
Ion Ratio Lower Upper
168 100
99 60.4 51.9 77.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.184 min Scan# 538
Delta R.T. -0.018 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

Tgt Ion: 59 Resp: 412
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

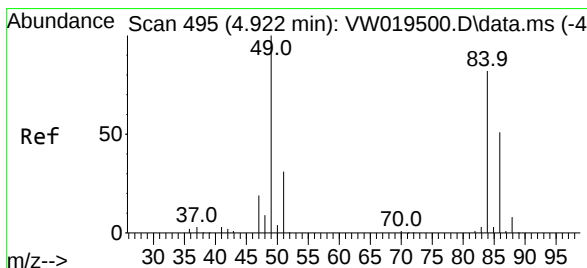
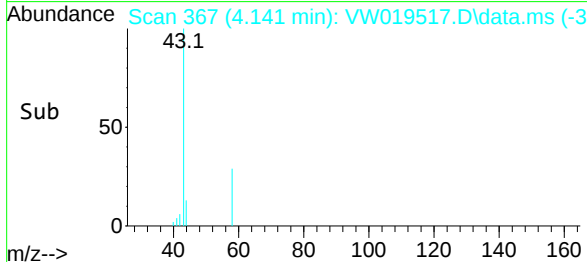
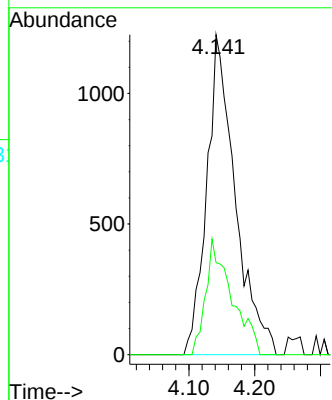
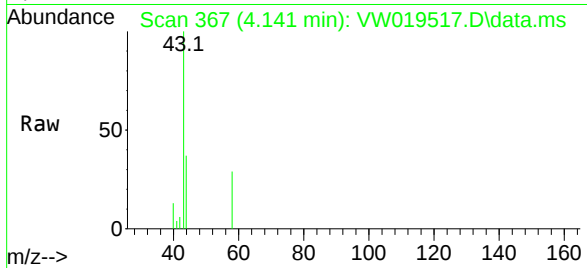




#16
Acetone
Concen: 8.075 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

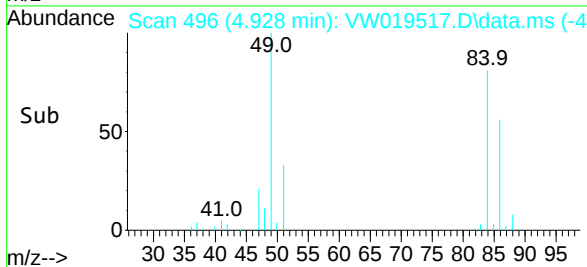
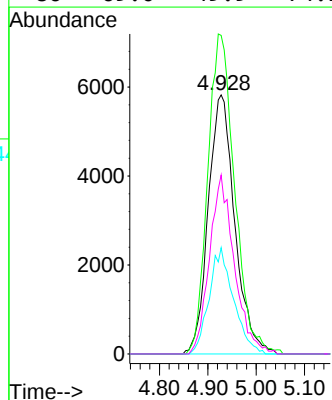
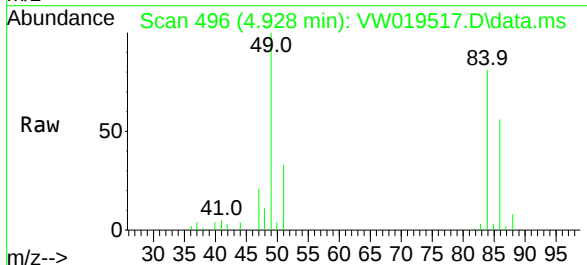
Instrument :
MSVOA_W
ClientSampleId :
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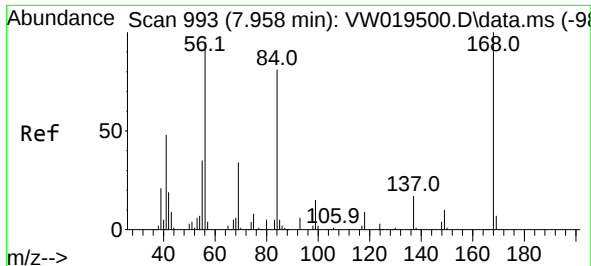
Tgt Ion: 43 Resp: 3709
Ion Ratio Lower Upper
43 100
58 28.7 27.2 40.8



#20
Methylene Chloride
Concen: 3.061 ug/l
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

Tgt Ion: 84 Resp: 22225
Ion Ratio Lower Upper
84 100
49 123.0 97.2 145.8
51 41.0 30.1 45.1
86 69.0 49.9 74.9

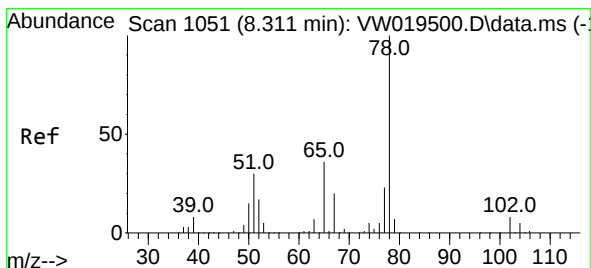
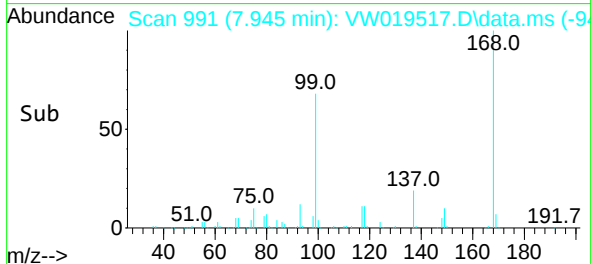
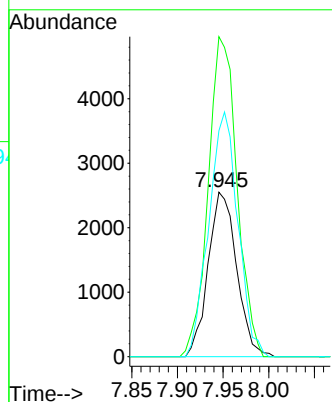
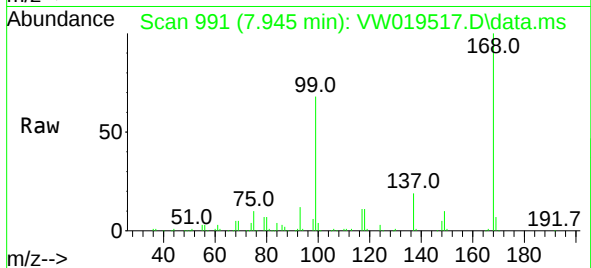




#31
Cyclohexane
Concen: 1.045 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

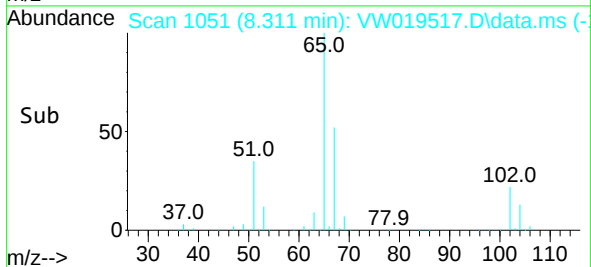
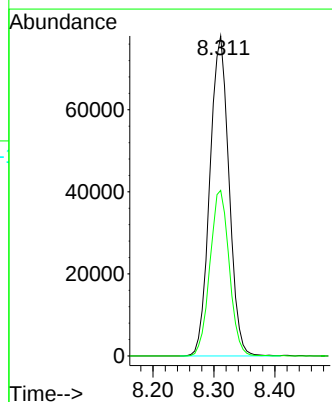
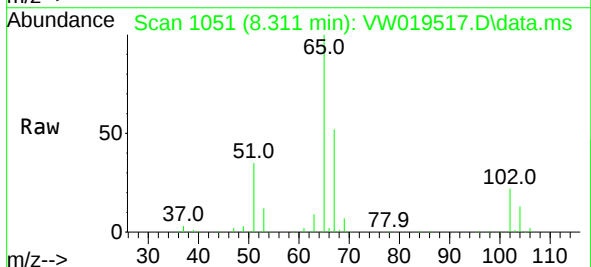
Instrument :
MSVOA_W
ClientSampleId :
HD-01-071921

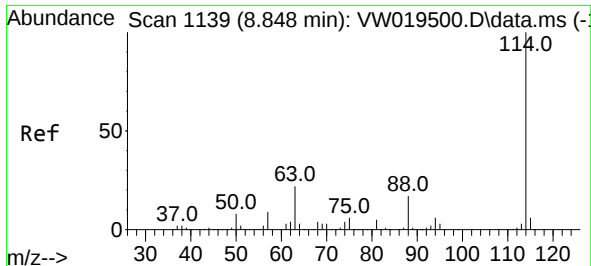
Tgt Ion: 56 Resp: 5543
Ion Ratio Lower Upper
56 100
69 194.6 28.3 42.5#
84 137.4 68.1 102.1#



#33
1,2-Dichloroethane-d4
Concen: 71.511 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

Tgt Ion: 65 Resp: 169961
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.8

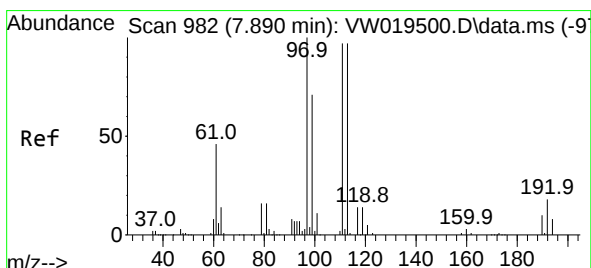
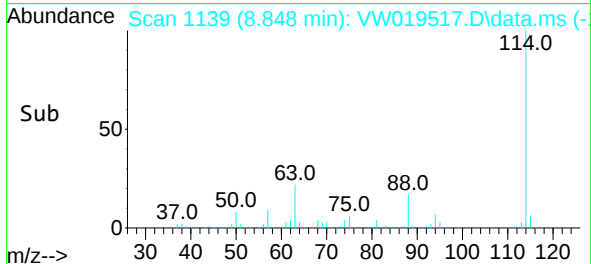
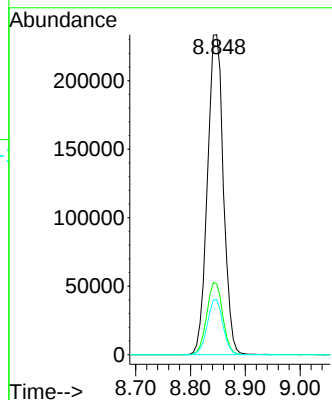
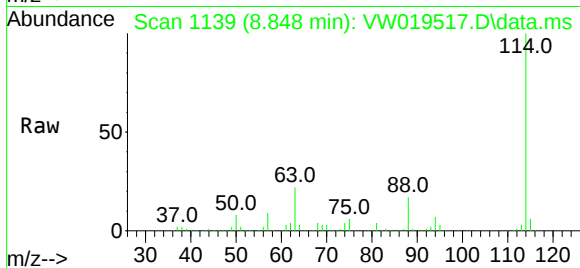




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

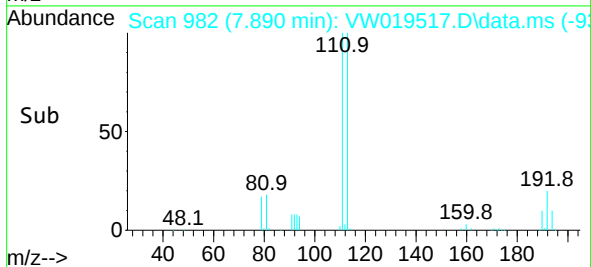
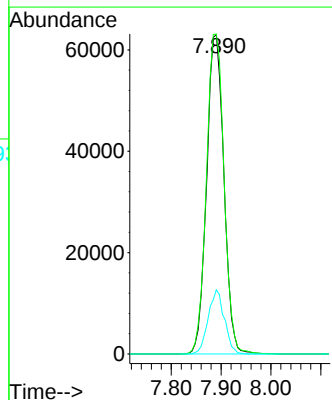
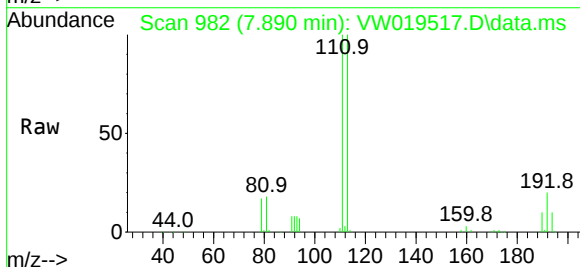
Instrument :
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ClientSampleId :
HD-01-071921

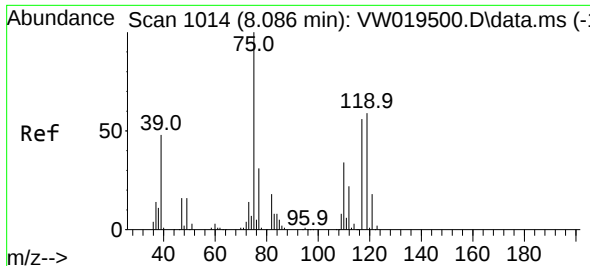
Tgt Ion:	114	Resp:	470549
Ion Ratio	Lower	Upper	
114	100		
63	22.2	0.0	43.8
88	17.2	0.0	33.4



#35
Dibromofluoromethane
Concen: 52.689 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

Tgt Ion:	113	Resp:	151474
Ion Ratio	Lower	Upper	
113	100		
111	102.6	83.8	125.6
192	18.8	15.4	23.2

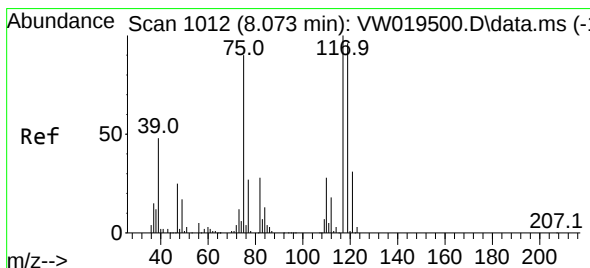
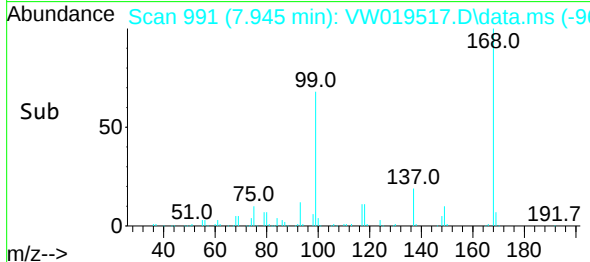
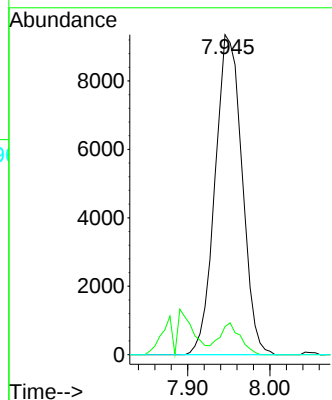
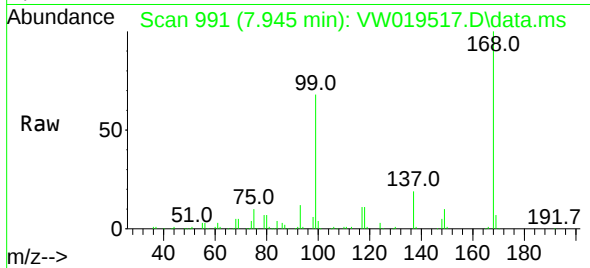




#36
1,1-Dichloropropene
Concen: 4.252 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

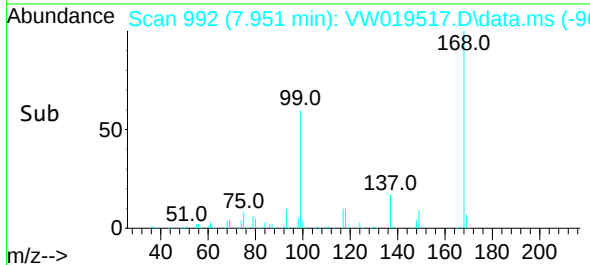
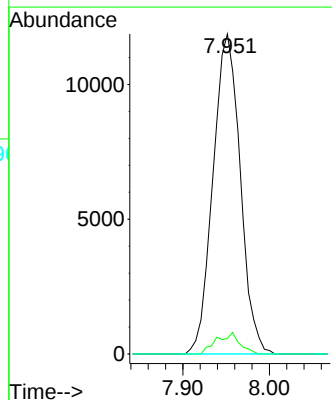
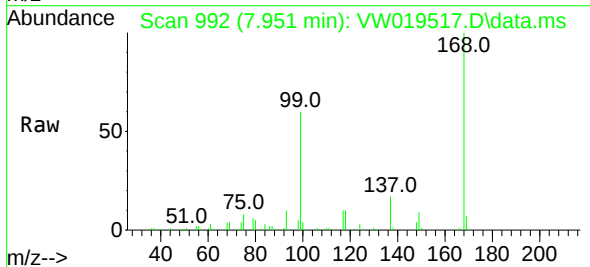
Instrument :
MSVOA_W
ClientSampled :
HD-01-071921

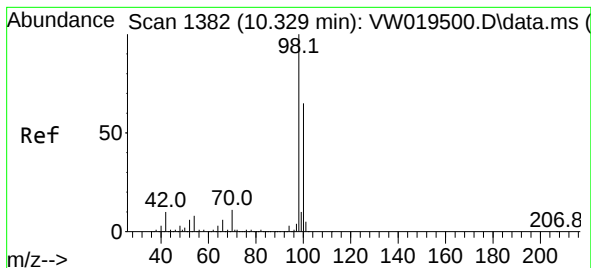
Tgt Ion: 75 Resp: 21332
Ion Ratio Lower Upper
75 100
110 7.6 16.6 49.7#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.915 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

Tgt Ion: 117 Resp: 25921
Ion Ratio Lower Upper
117 100
119 4.9 76.7 115.1#
121 0.0 24.8 37.2#

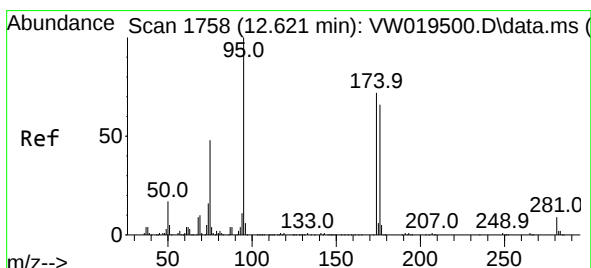
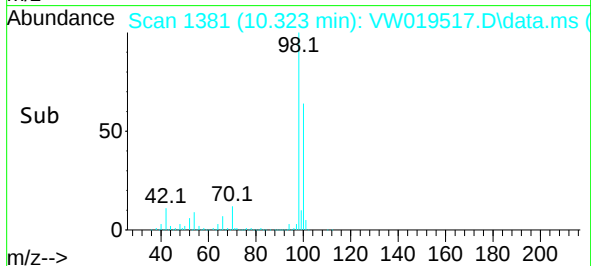
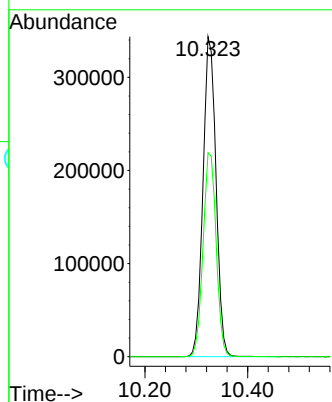
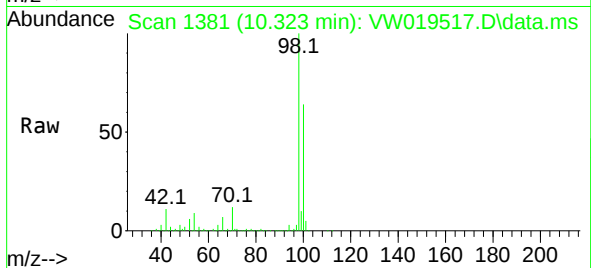




#50
Toluene-d8
Concen: 54.057 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

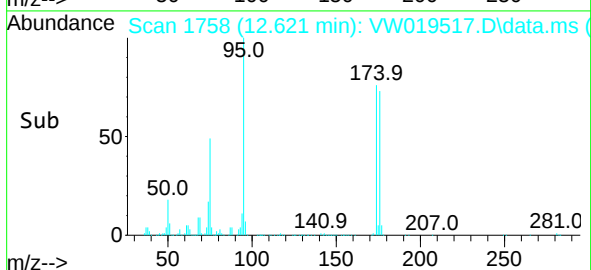
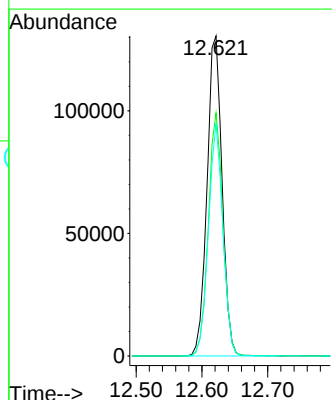
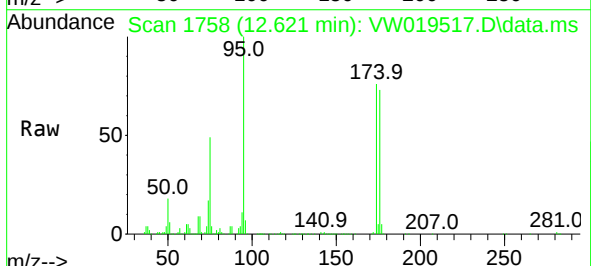
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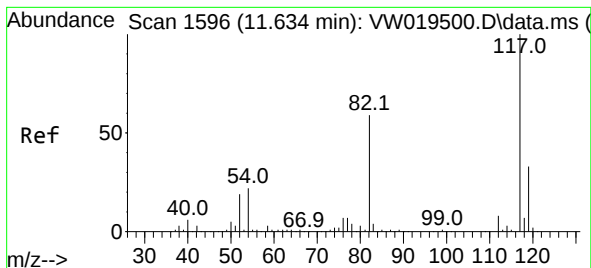
Tgt Ion: 98 Resp: 601703
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.706 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

Tgt Ion: 95 Resp: 207533
Ion Ratio Lower Upper
95 100
174 73.8 0.0 146.6
176 69.8 0.0 136.8

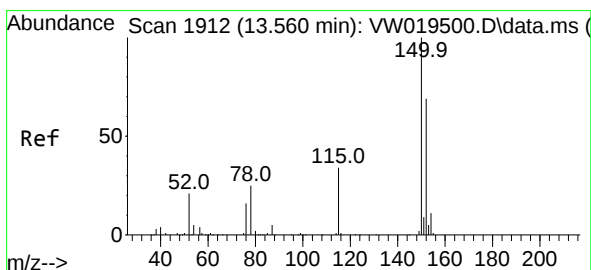
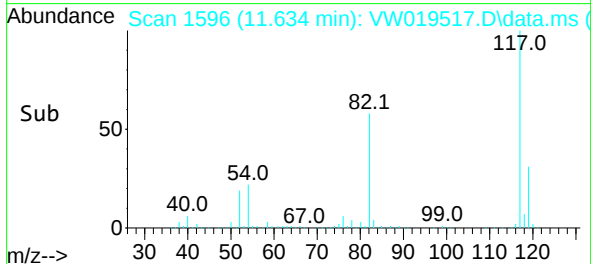
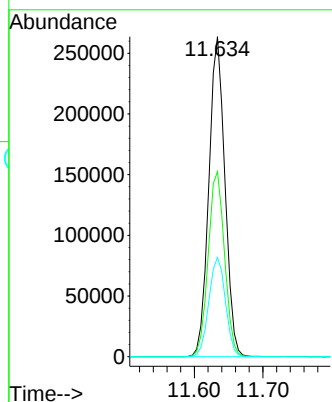
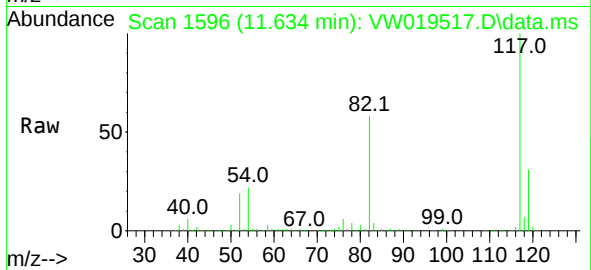




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

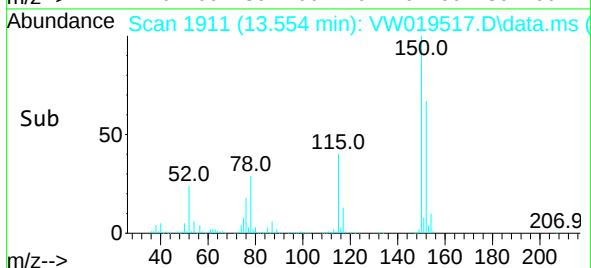
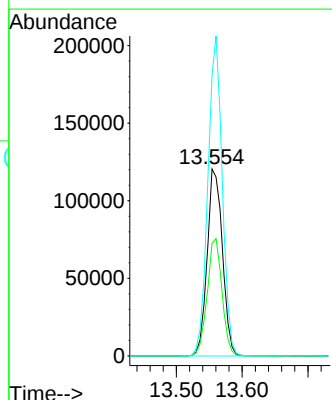
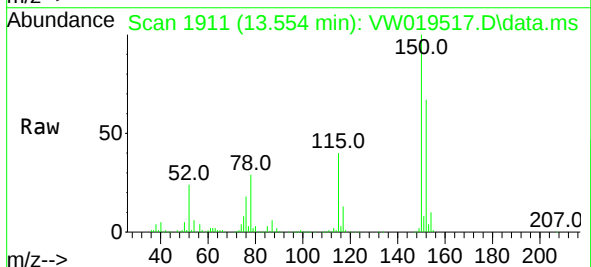
Instrument :
MSVOA_W
ClientSampleId :
HD-01-071921

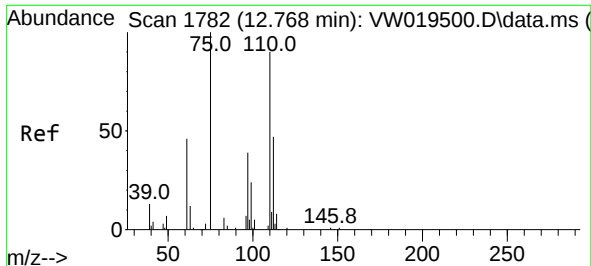
Tgt Ion:117 Resp: 429406
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.0
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

Tgt Ion:152 Resp: 194460
Ion Ratio Lower Upper
152 100
115 61.0 30.6 91.8
150 160.9 0.0 342.4

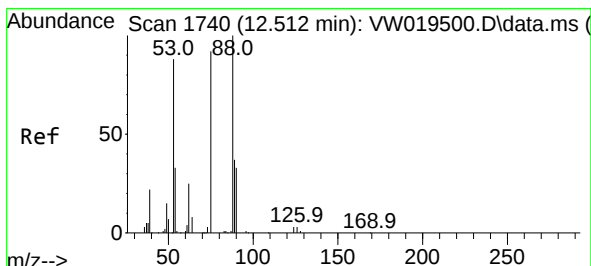
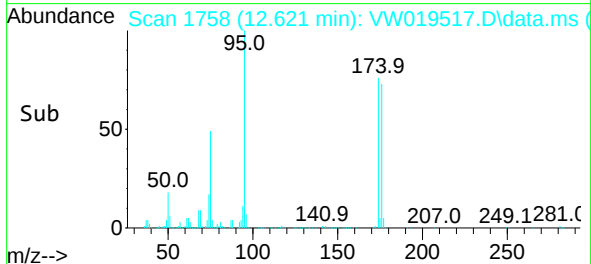
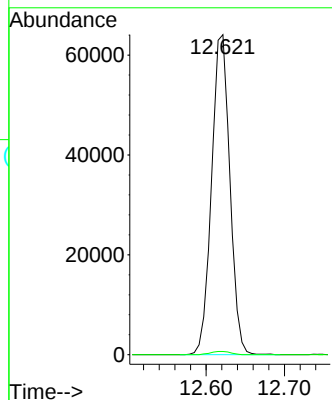
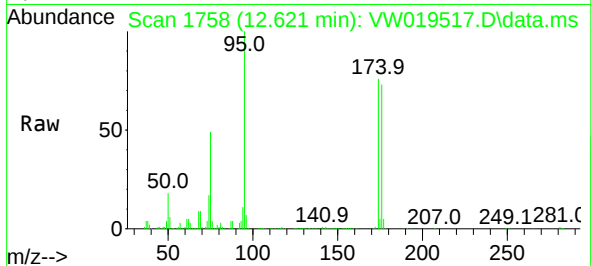




#76
1,2,3-Trichloropropane
Concen: 54.090 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.146 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

Instrument :
MSVOA_W
ClientSampleId :
HD-01-071921

Tgt Ion: 75 Resp: 103955
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.270 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.110 min
Lab File: VW019517.D
Acq: 20 Jul 2021 17:41

Tgt Ion: 75 Resp: 103955
Ion Ratio Lower Upper
75 100
53 0.1 75.8 113.8#
89 0.0 35.7 53.5#

