

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070114.D
 Acq On : 18 Aug 2021 05:32
 Operator : VA/SY
 Sample : M3441-04
 Misc : 6.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-5

Quant Time: Aug 18 06:21:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

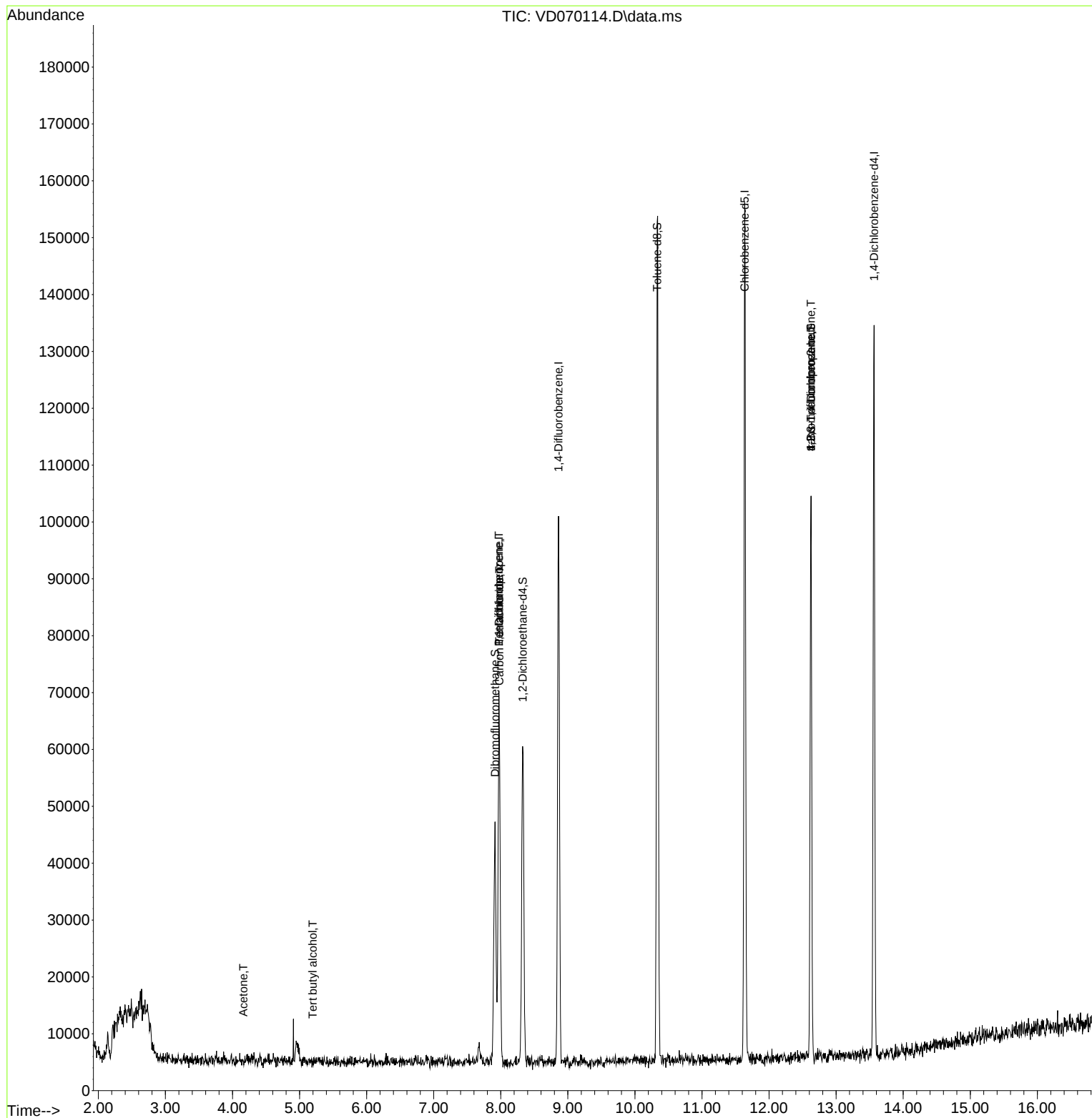
Internal Standards						
1) Pentafluorobenzene	7.973	168	44927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	83104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	88114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	34501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	44632	84.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 168.920%#	
35) Dibromofluoromethane	7.914	113	29661	55.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.480%	
50) Toluene-d8	10.332	98	103883	49.746	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	12.626	95	32929	47.874	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	1010	Below Cal		91
5) Bromomethane	2.779	94	1629	Below Cal	#	62
11) Tert butyl alcohol	5.197	59	289	9.895	ug/l #	71
16) Acetone	4.161	43	132	1.356	ug/l #	41
20) Methylene Chloride	4.973	84	3028	Below Cal	#	55
36) 1,1-Dichloropropene	7.973	75	3787	4.236	ug/l #	49
38) Carbon Tetrachloride	7.979	117	4677	5.762	ug/l #	10
76) 1,2,3-Trichloropropane	12.626	75	16854	48.170	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	16854	125.031	ug/l #	17

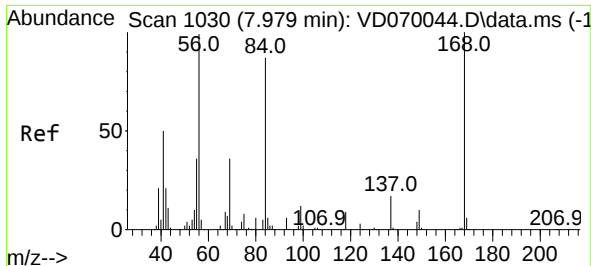
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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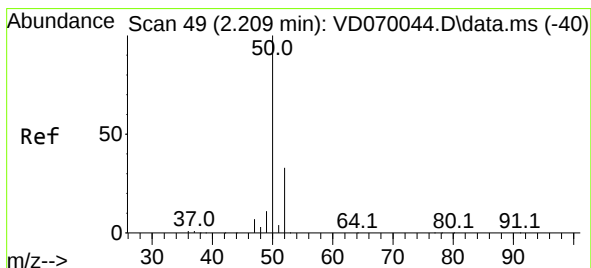
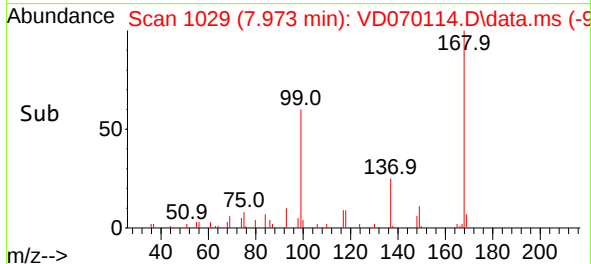
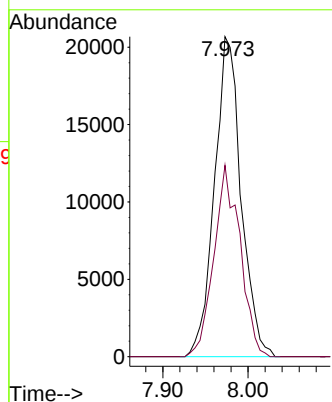
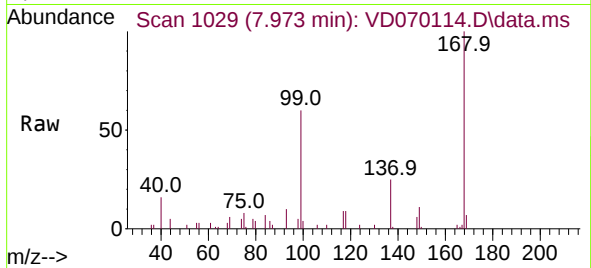




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

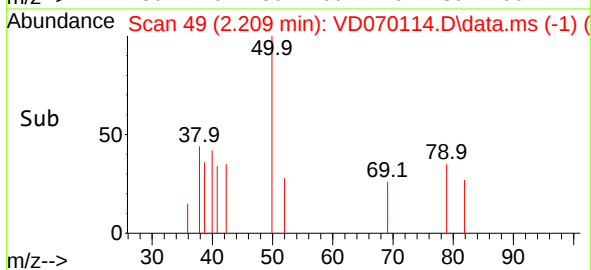
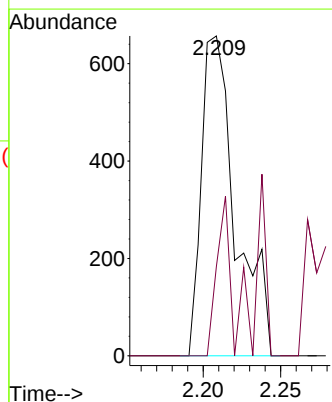
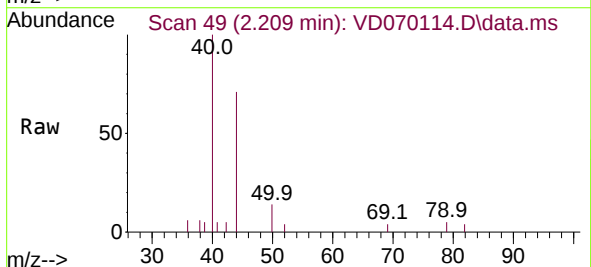
Instrument :
MSVOA_D
ClientSampleId :
WC-5

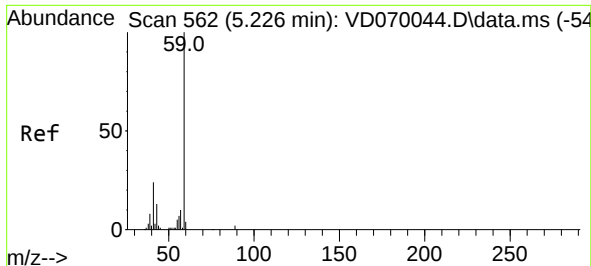
Tgt Ion:168 Resp: 44927
Ion Ratio Lower Upper
168 100
99 59.8 50.3 75.5



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Tgt Ion: 50 Resp: 1010
Ion Ratio Lower Upper
50 100
52 27.9 26.3 39.5



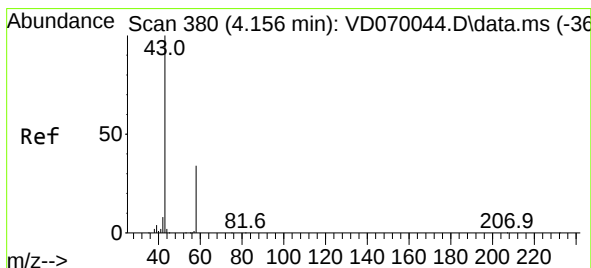
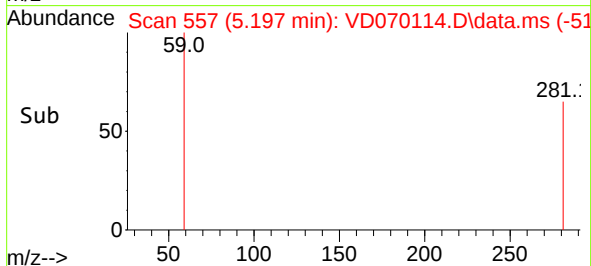
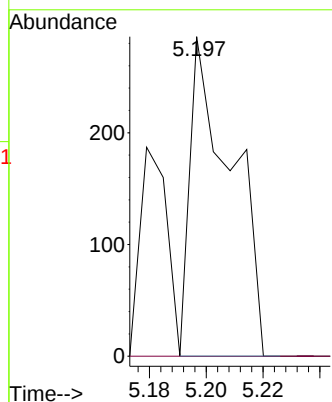
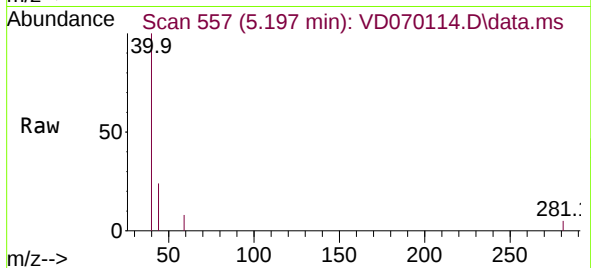


#11

Tert butyl alcohol
Concen: 9.895 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.030 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Instrument :
MSVOA_D
ClientSampleId :
WC-5

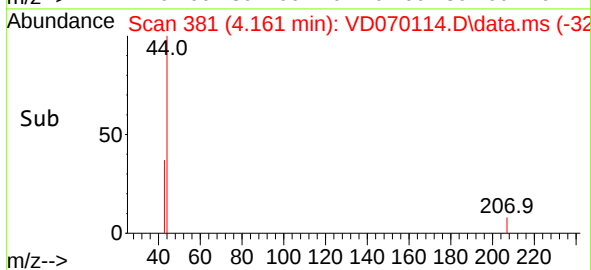
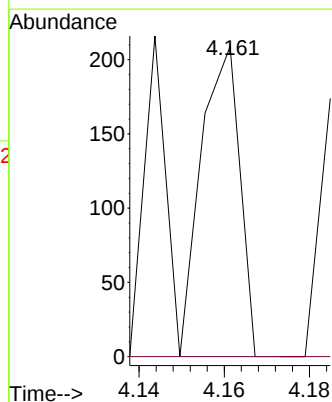
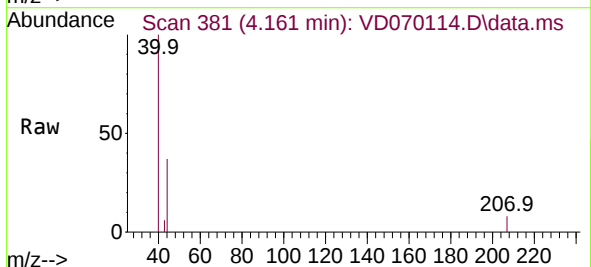
Tgt Ion: 59 Resp: 289
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

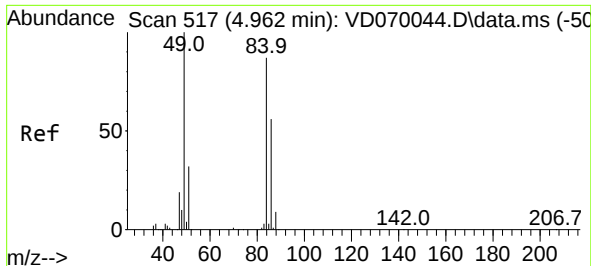


#16

Acetone
Concen: 1.356 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Tgt Ion: 43 Resp: 132
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#

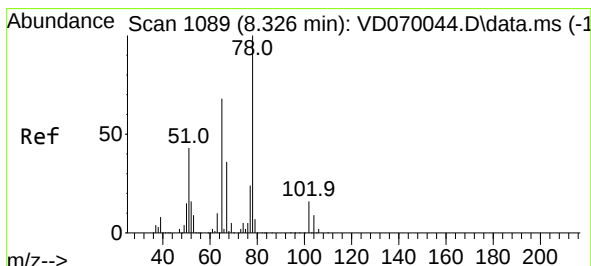
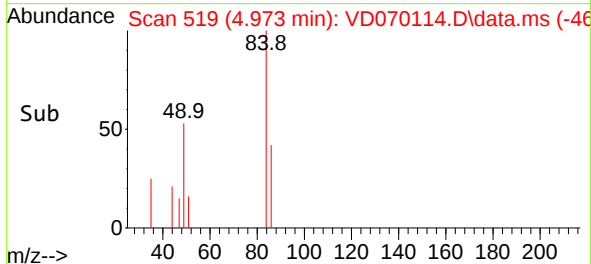
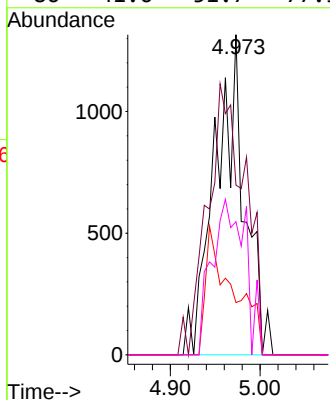
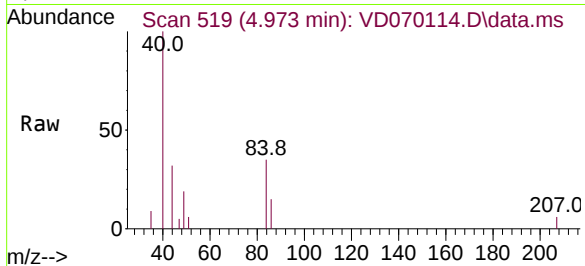




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

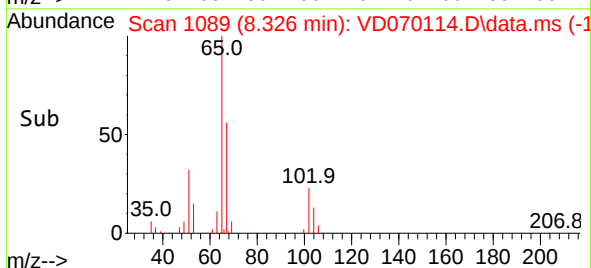
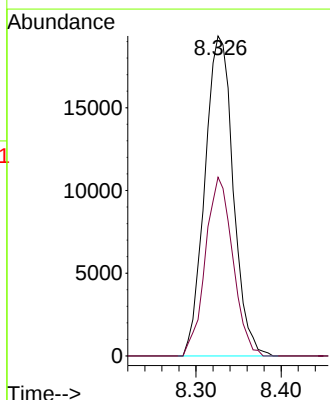
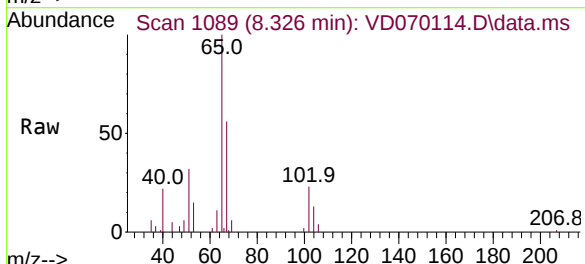
Instrument :
MSVOA_D
ClientSampleId :
WC-5

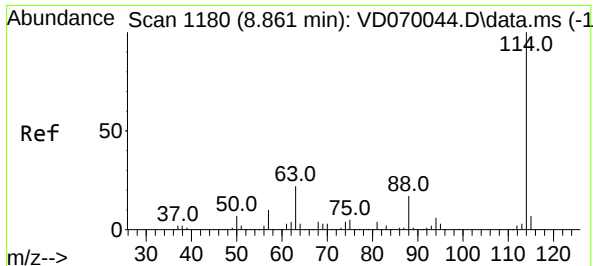
Tgt Ion:	84	Resp:	3028
Ion	Ratio	Lower	Upper
84	100		
49	53.0	92.5	138.7#
51	16.3	29.7	44.5#
86	41.6	51.7	77.5#



#33
1,2-Dichloroethane-d4
Concen: 84.464 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Tgt Ion:	65	Resp:	44632
Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.8

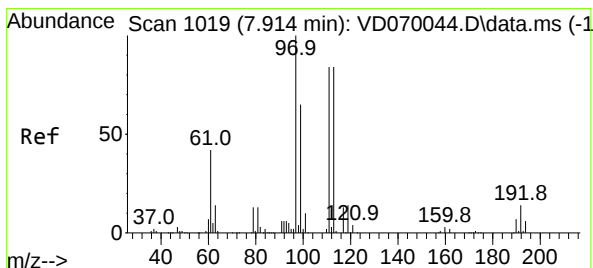
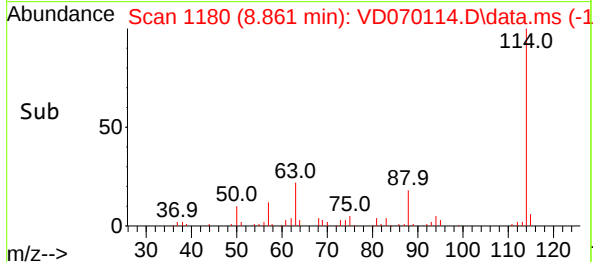
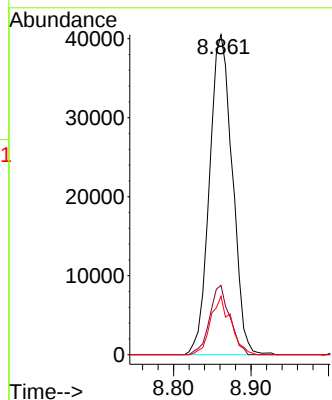
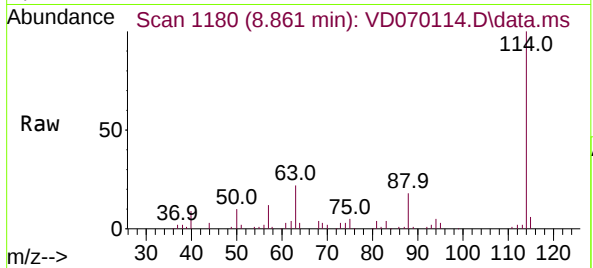




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

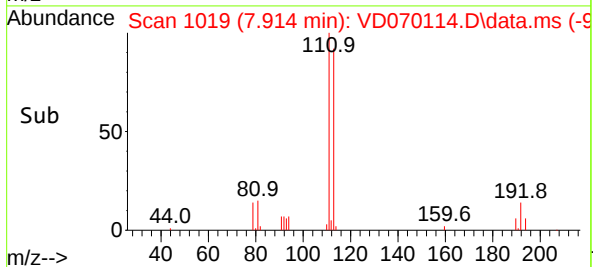
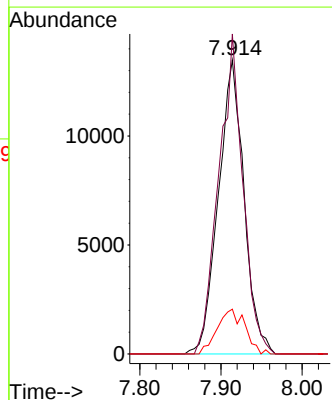
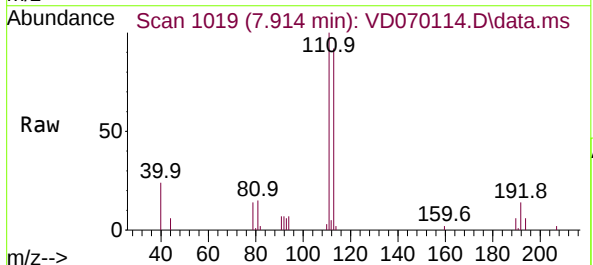
Instrument :
MSVOA_D
ClientSampled :
WC-5

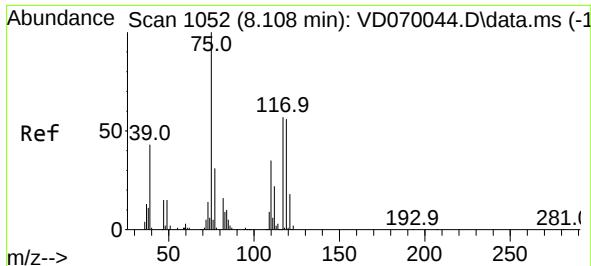
Tgt Ion:114	Resp:	83104
Ion Ratio	Lower	Upper
114	100	
63	21.6	0.0 43.6
88	18.2	0.0 33.4



#35
Dibromofluoromethane
Concen: 55.244 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Tgt Ion:113	Resp:	29661
Ion Ratio	Lower	Upper
113	100	
111	102.4	81.8 122.6
192	16.5	13.2 19.8

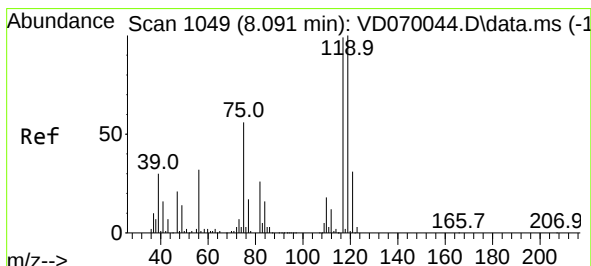
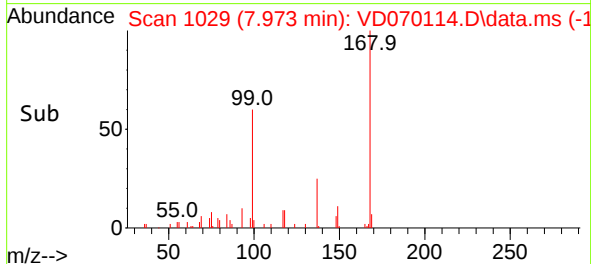
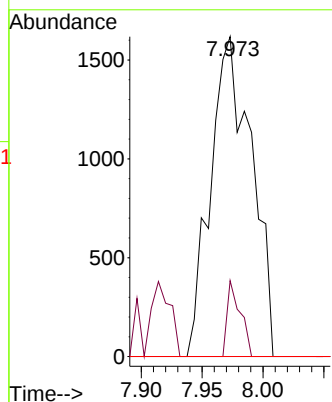
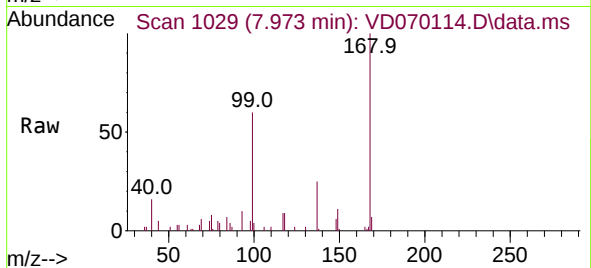




#36
1,1-Dichloropropene
Concen: 4.236 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

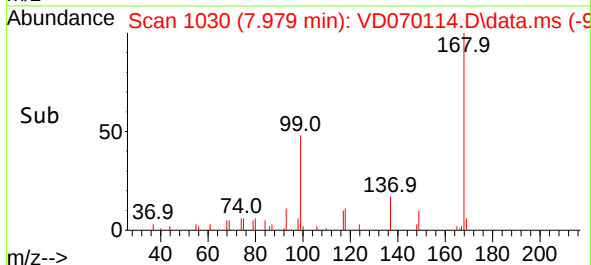
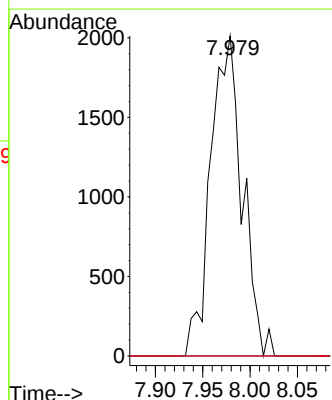
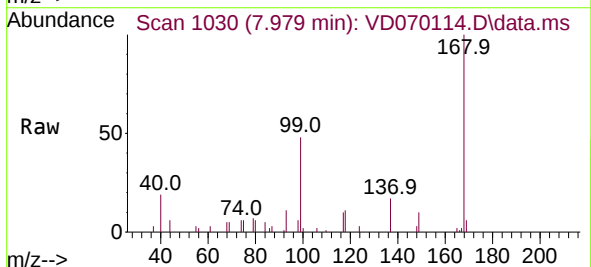
Instrument :
MSVOA_D
ClientSampled :
WC-5

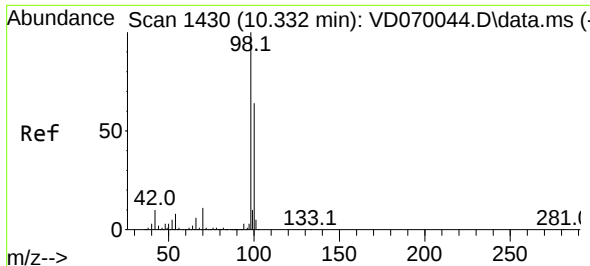
Tgt Ion: 75 Resp: 3787
Ion Ratio Lower Upper
75 100
110 7.7 16.9 50.7#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.762 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Tgt Ion: 117 Resp: 4677
Ion Ratio Lower Upper
117 100
119 0.0 81.0 121.6#
121 0.0 25.0 37.6#

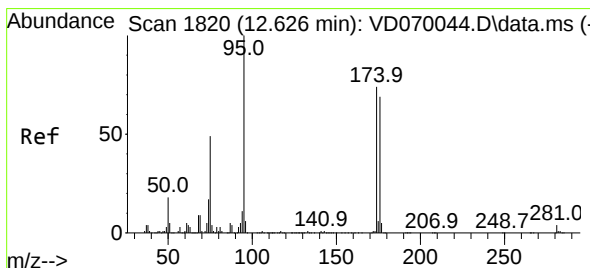
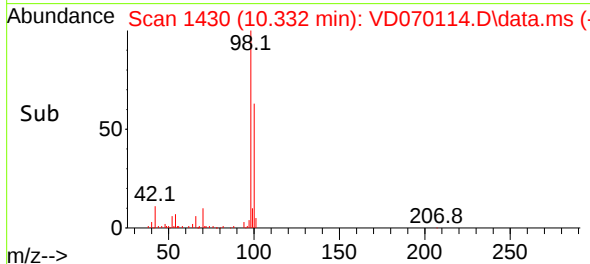
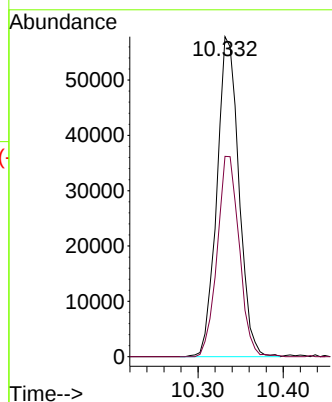
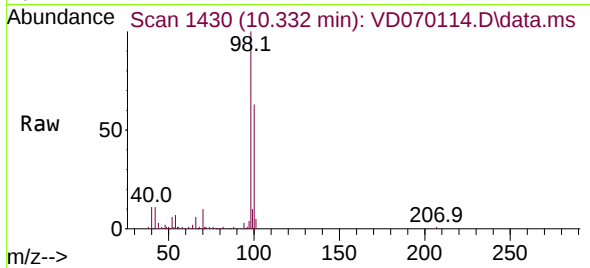




#50
Toluene-d8
Concen: 49.746 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

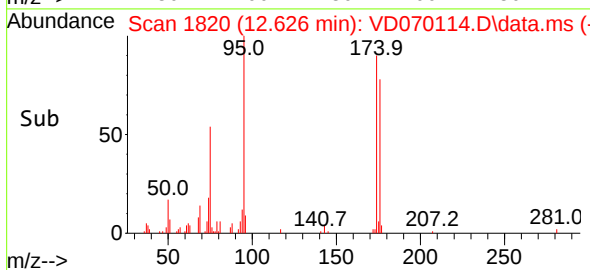
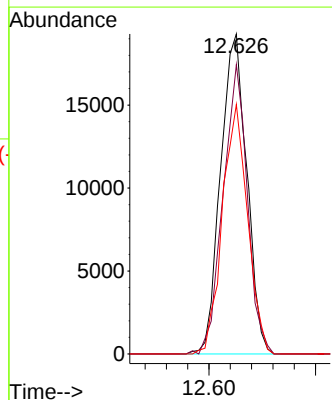
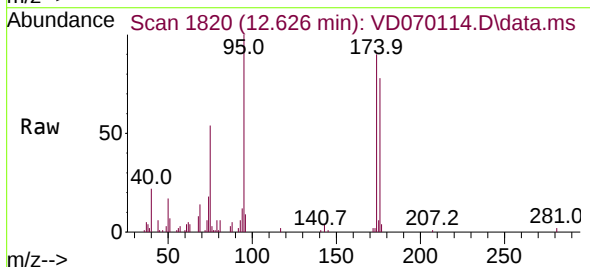
Instrument :
MSVOA_D
ClientSampled :
WC-5

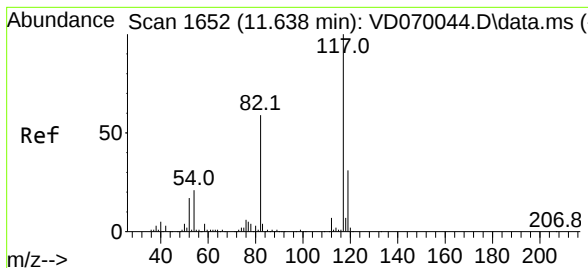
Tgt Ion: 98 Resp: 103883
Ion Ratio Lower Upper
98 100
100 62.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.874 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Tgt Ion: 95 Resp: 32929
Ion Ratio Lower Upper
95 100
174 83.6 0.0 141.6
176 75.1 0.0 138.2

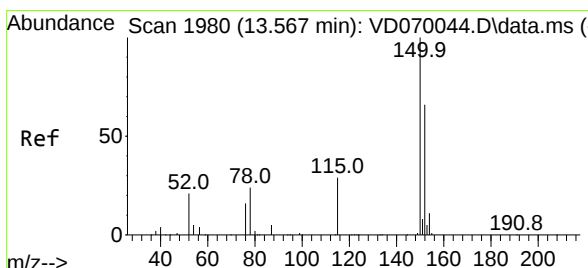
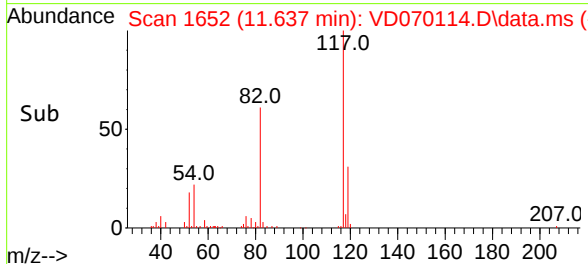
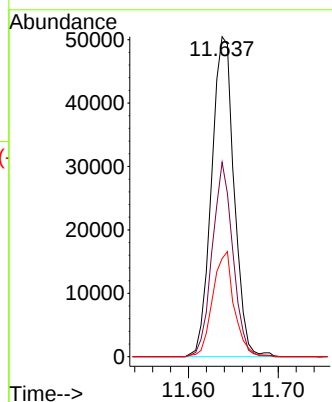
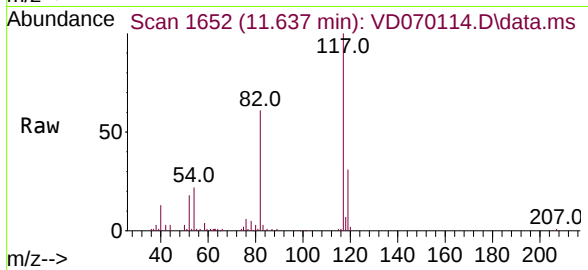




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

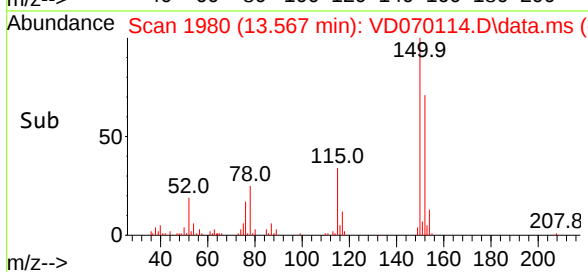
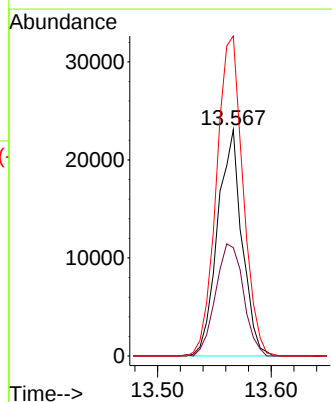
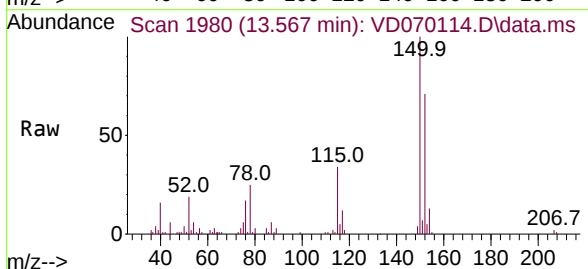
Instrument :
MSVOA_D
ClientSampleId :
WC-5

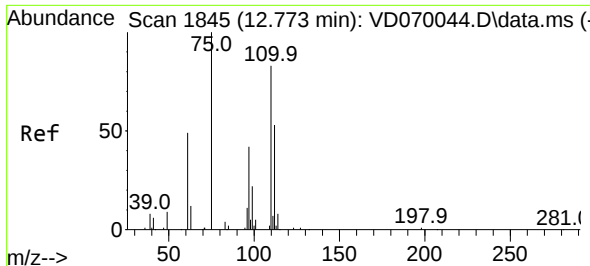
Tgt Ion:	117	Resp:	88114
Ion Ratio	Lower	Upper	
117	100		
82	60.8	47.5	71.3
119	30.6	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Tgt Ion:	152	Resp:	34501
Ion Ratio	Lower	Upper	
152	100		
115	56.6	31.2	93.6
150	153.4	0.0	352.0

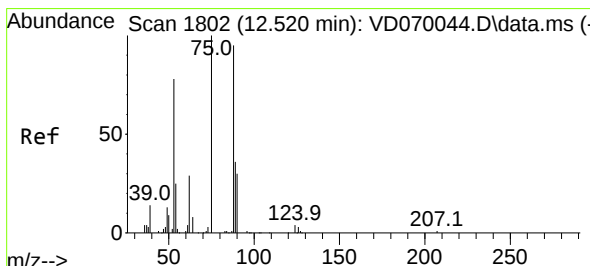
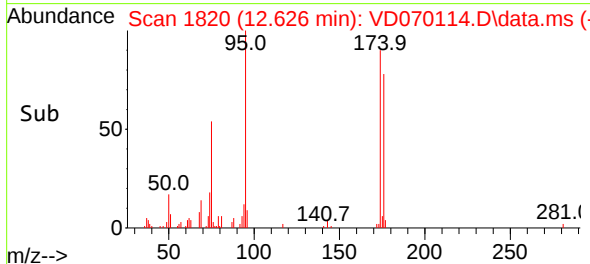
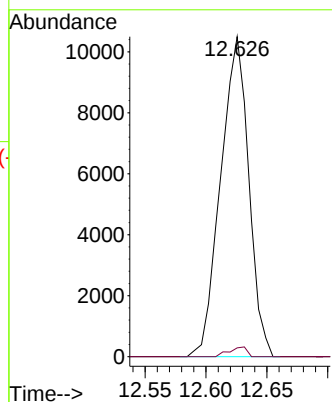
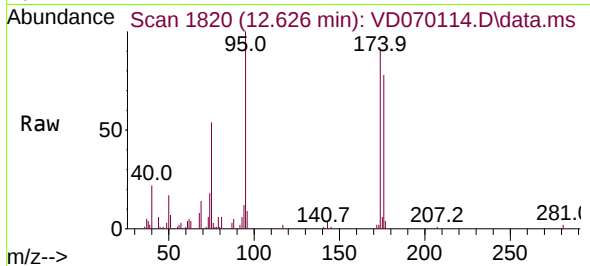




#76
1,2,3-Trichloropropane
Concen: 48.170 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Instrument :
MSVOA_D
ClientSampleId :
WC-5

Tgt Ion: 75 Resp: 16854
Ion Ratio Lower Upper
75 100
77 1.9 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.031 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Tgt Ion: 75 Resp: 16854
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 33.7 50.5#

