

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101921\
 Data File : VD070760.D
 Acq On : 19 Oct 2021 15:58
 Operator : VA/SY
 Sample : M4274-01
 Misc : 5.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-BS

Quant Time: Oct 20 04:41:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

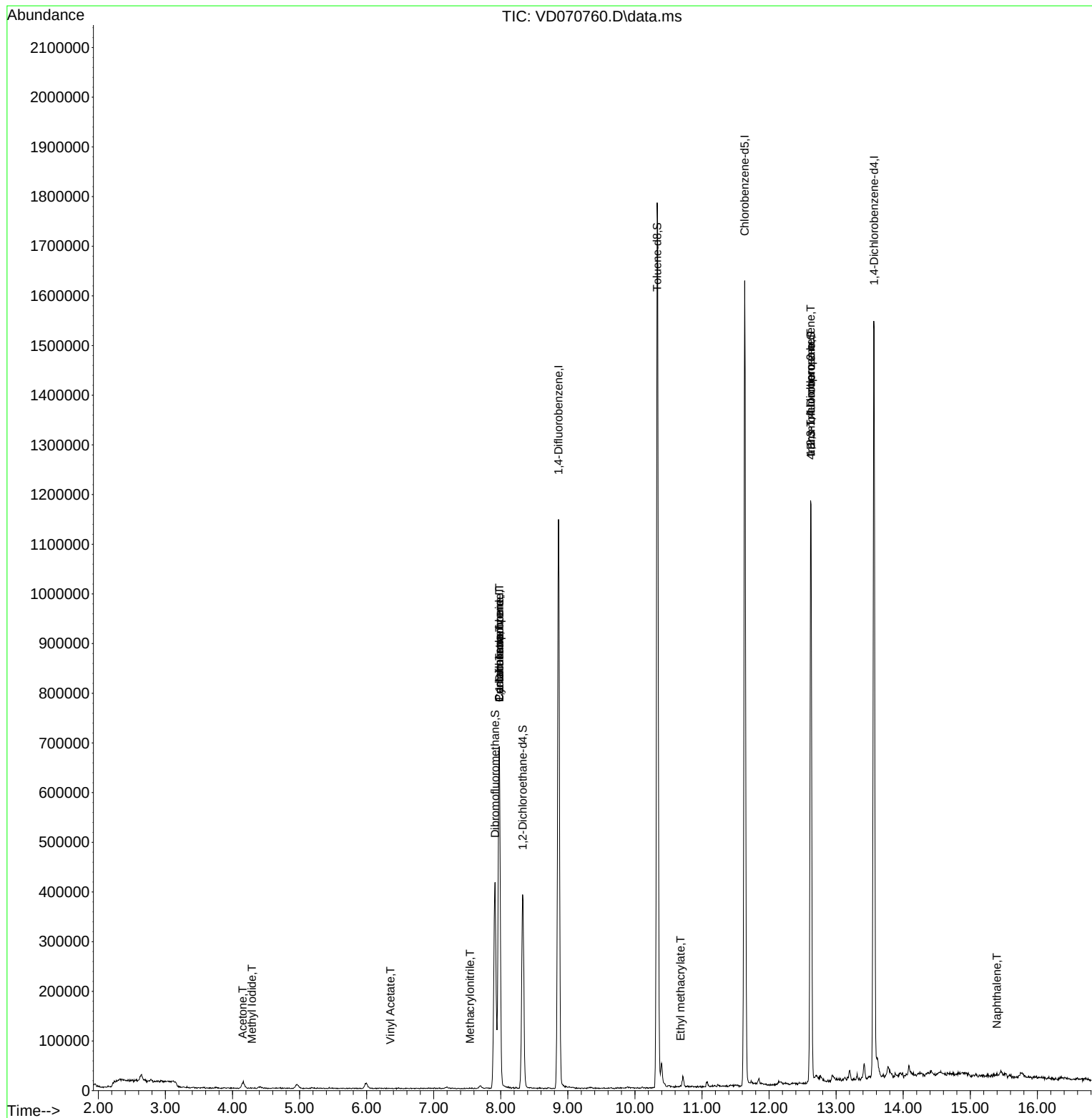
Internal Standards						
1) Pentafluorobenzene	7.979	168	489952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	922752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	901534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	396956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	316618	54.560	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.120%			
35) Dibromofluoromethane	7.914	113	295342	49.986	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.980%			
50) Toluene-d8	10.332	98	1190497	52.563	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.120%			
62) 4-Bromofluorobenzene	12.626	95	408589	52.392	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.780%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	348	3.373	ug/l #	86
16) Acetone	4.150	43	10203	7.290	ug/l #	83
20) Methylene Chloride	4.956	84	5871	Below Cal	#	78
23) Vinyl Acetate	6.356	43	74	16.336	ug/l #	69
31) Cyclohexane	7.979	56	13173	1.122	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	45373	4.414	ug/l #	51
38) Carbon Tetrachloride	7.979	117	52514	5.334	ug/l #	15
41) Methacrylonitrile	7.544	41	161	2.001	ug/l #	16
56) Ethyl methacrylate	10.679	69	139	4.174	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	202412	59.020	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	202412	129.272	ug/l #	18
95) Naphthalene	15.396	128	875	4.854	ug/l #	90

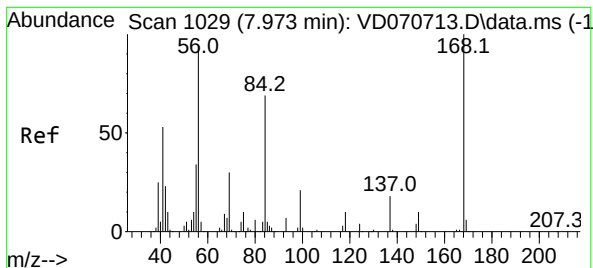
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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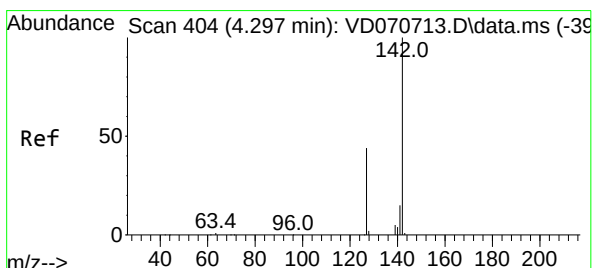
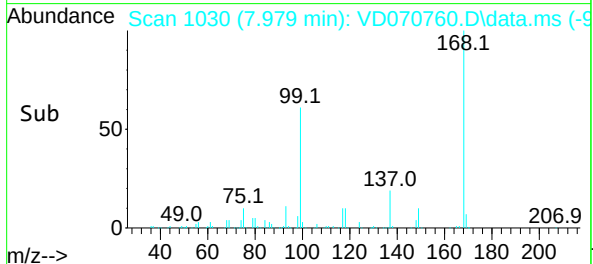
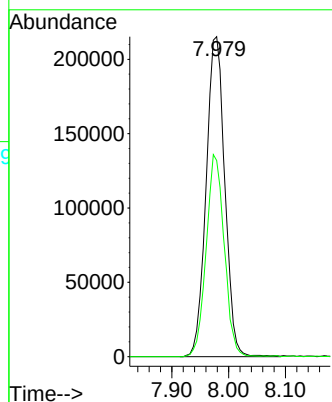
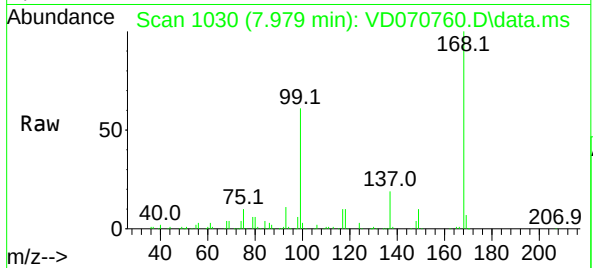




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

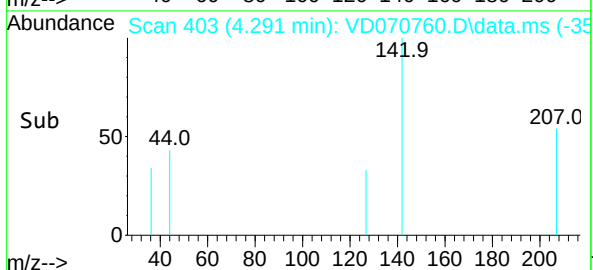
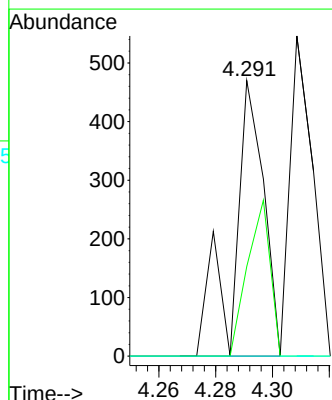
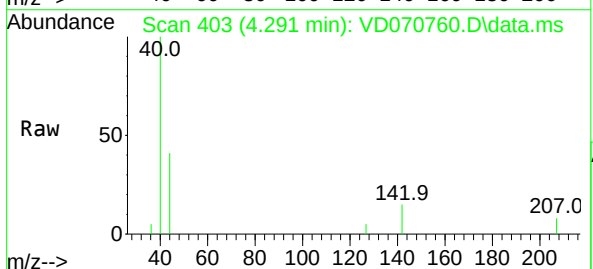
Instrument :
MSVOA_D
ClientSampled :
WC-2-BS

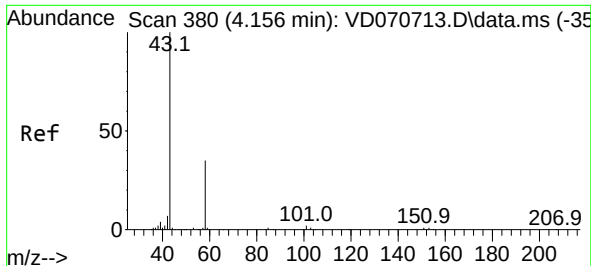
Tgt Ion:168 Resp: 489952
Ion Ratio Lower Upper
168 100
99 61.3 51.4 77.0



#10
Methyl Iodide
Concen: 3.373 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

Tgt Ion:142 Resp: 348
Ion Ratio Lower Upper
142 100
127 42.5 37.5 56.3
141 0.0 12.1 18.1#

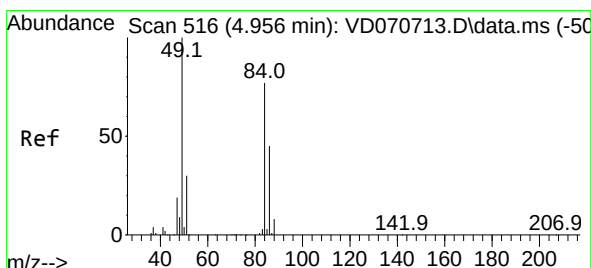
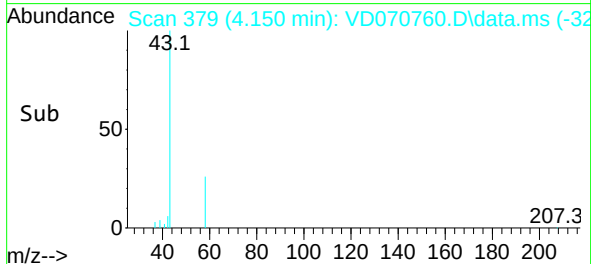
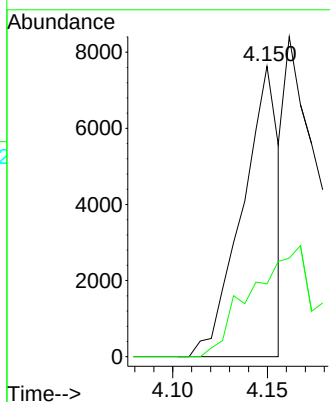
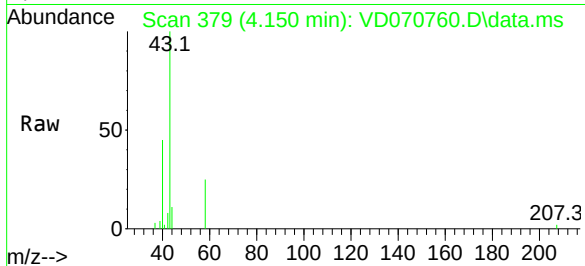




#16
Acetone
Concen: 7.290 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

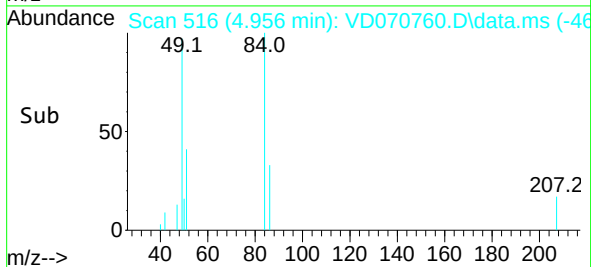
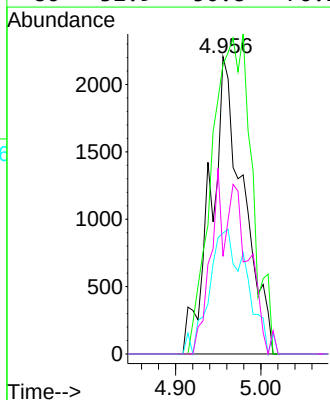
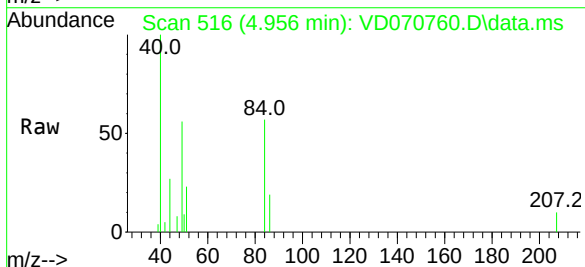
Instrument :
MSVOA_D
ClientSampleId :
WC-2-BS

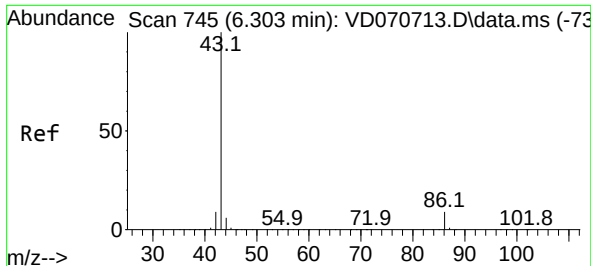
Tgt Ion: 43 Resp: 10203
Ion Ratio Lower Upper
43 100
58 25.1 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

Tgt Ion: 84 Resp: 5871
Ion Ratio Lower Upper
84 100
49 97.4 91.4 137.2
51 40.7 26.7 40.1#
86 32.9 50.8 76.2#

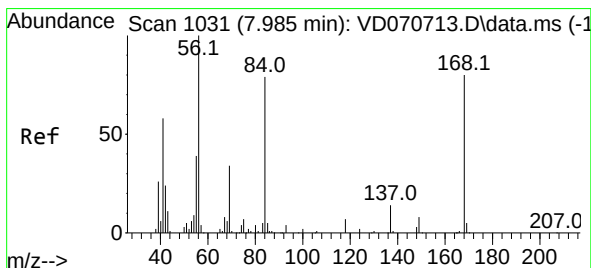
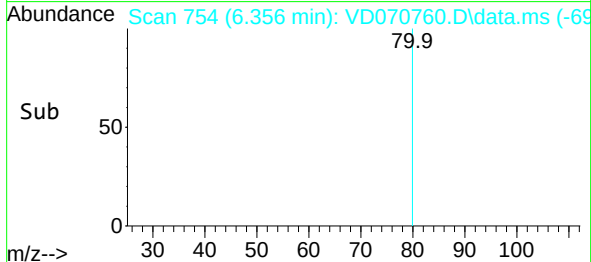
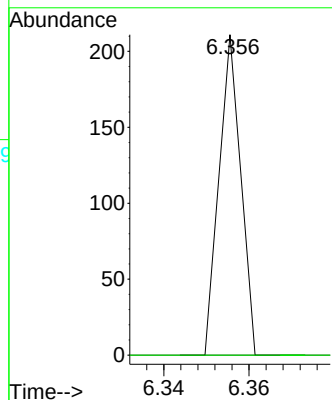
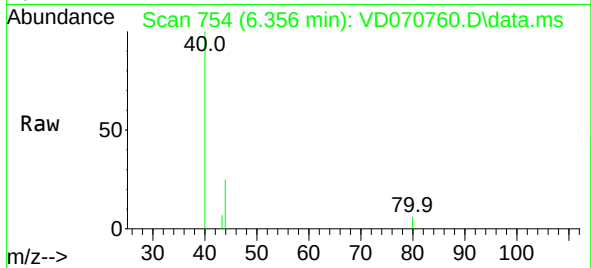




#23
 Vinyl Acetate
 Concen: 16.336 ug/l
 RT: 6.356 min Scan# 754
 Delta R.T. 0.053 min
 Lab File: VD070760.D
 Acq: 19 Oct 2021 15:58

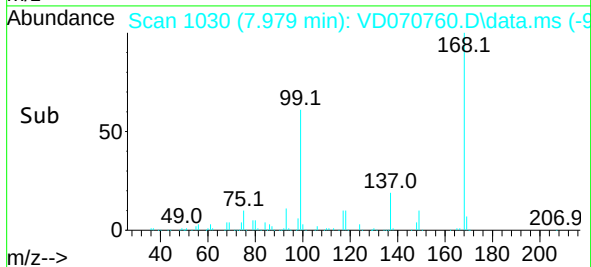
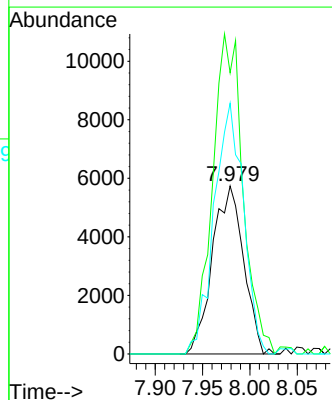
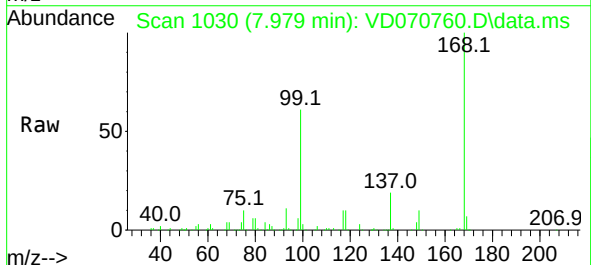
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-BS

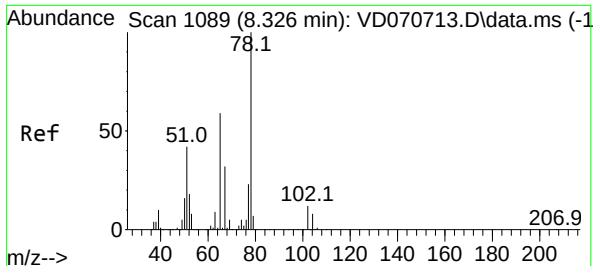
Tgt Ion: 43 Resp: 74
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#31
 Cyclohexane
 Concen: 1.122 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD070760.D
 Acq: 19 Oct 2021 15:58

Tgt Ion: 56 Resp: 13173
 Ion Ratio Lower Upper
 56 100
 69 167.4 27.4 41.2#
 84 149.3 73.6 110.4#



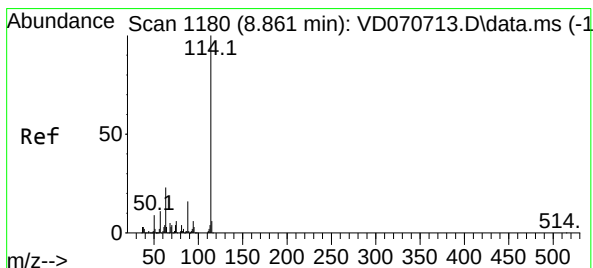
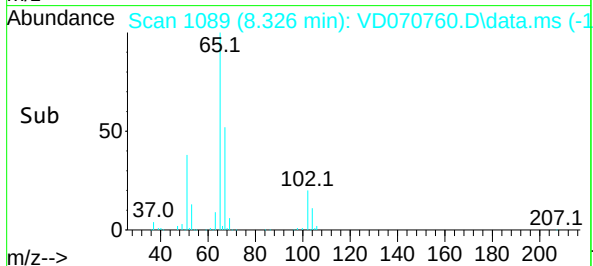
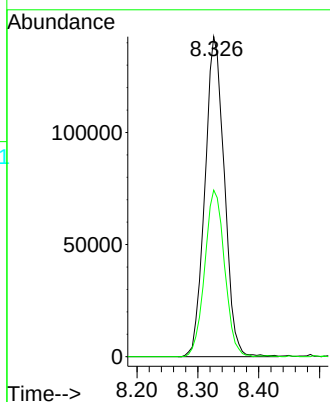
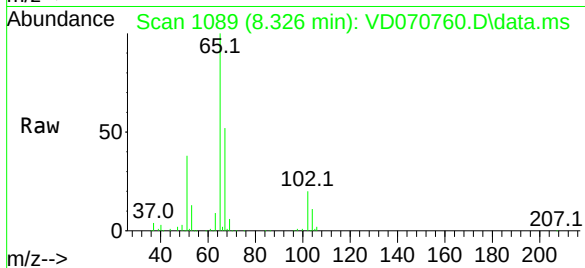


#33

1,2-Dichloroethane-d4
Concen: 54.560 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

Instrument :
MSVOA_D
ClientSampleId :
WC-2-BS

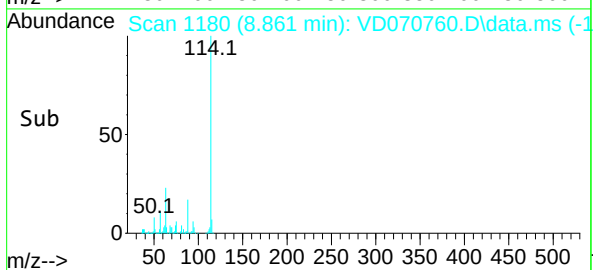
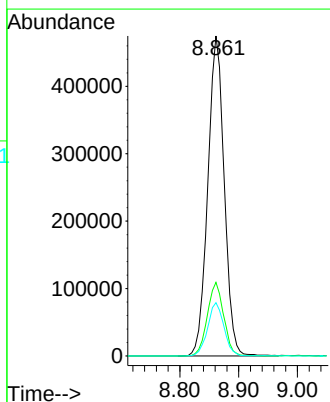
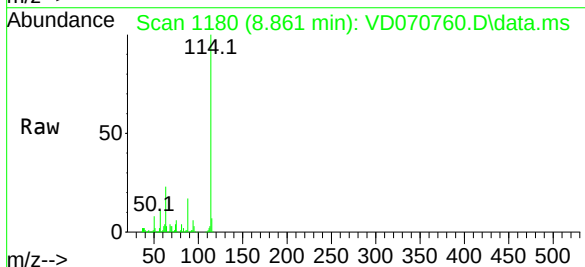
Tgt Ion: 65 Resp: 316618
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.2

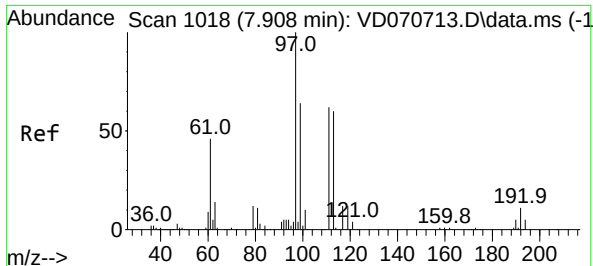


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

Tgt Ion: 114 Resp: 922752
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.8
88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.986 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD070760.D

Acq: 19 Oct 2021 15:58

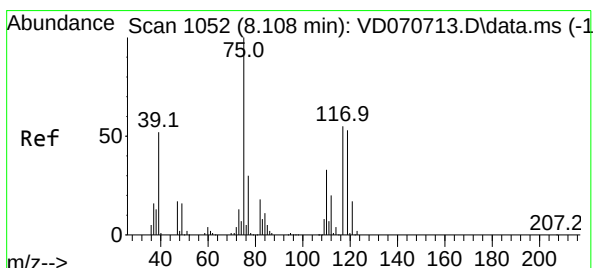
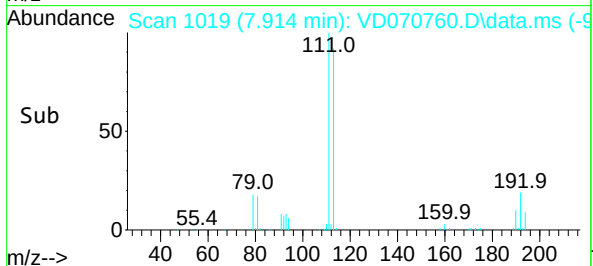
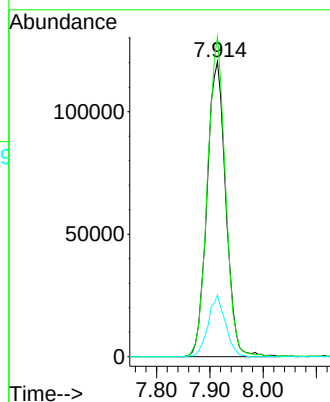
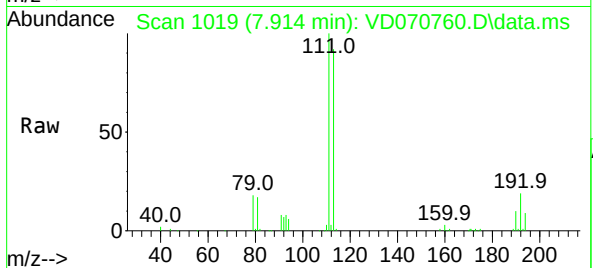
Tgt Ion:113 Resp: 295342

Ion Ratio Lower Upper

113 100

111 103.3 83.1 124.7

192 19.2 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 4.414 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070760.D

Acq: 19 Oct 2021 15:58

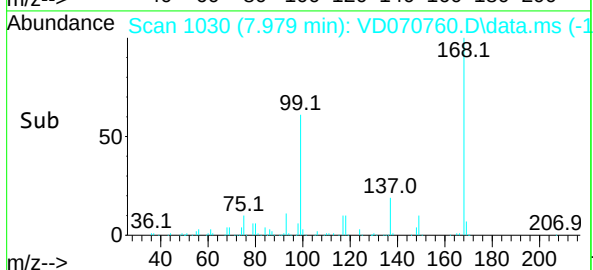
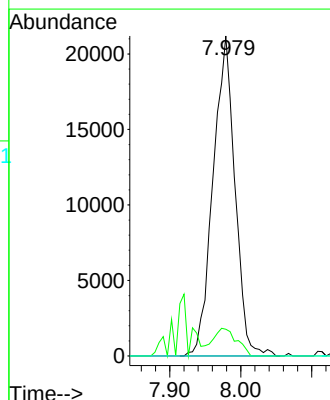
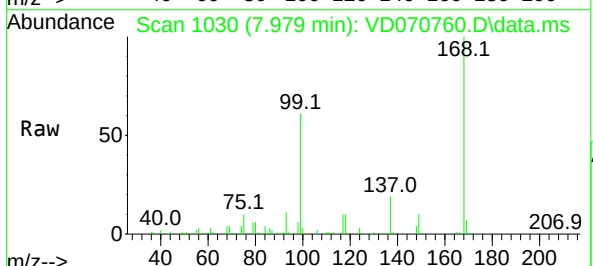
Tgt Ion: 75 Resp: 45373

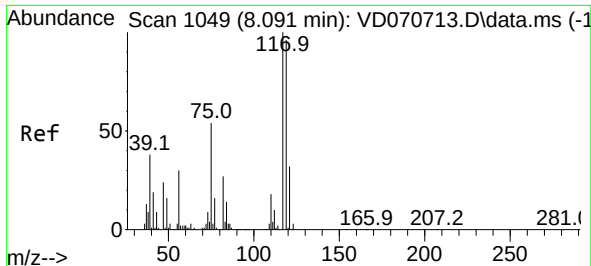
Ion Ratio Lower Upper

75 100

110 9.2 17.2 51.6#

77 0.0 24.2 36.4#

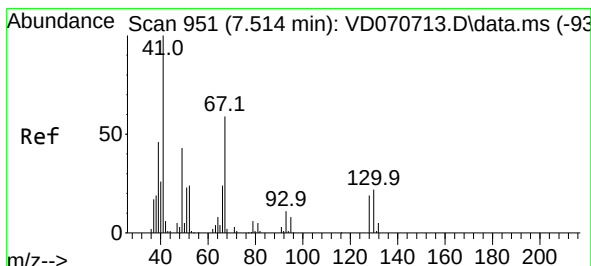
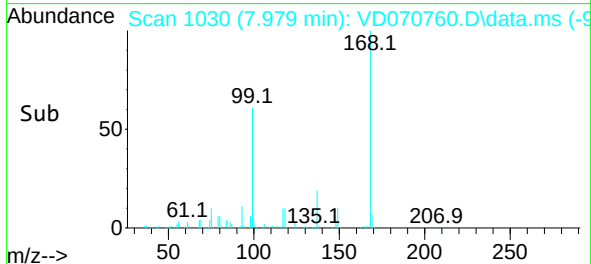
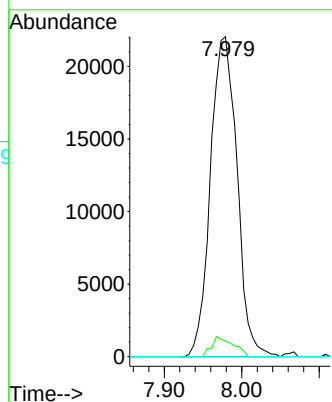
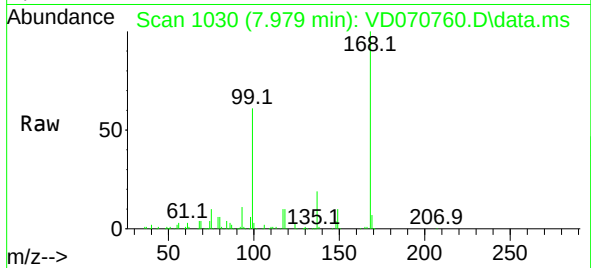




#38
Carbon Tetrachloride
Concen: 5.334 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

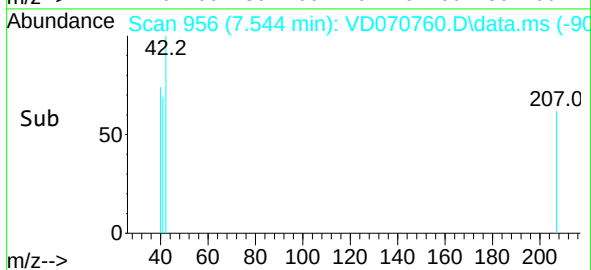
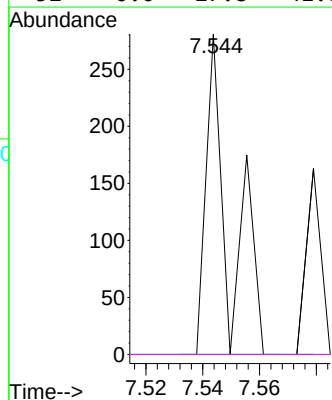
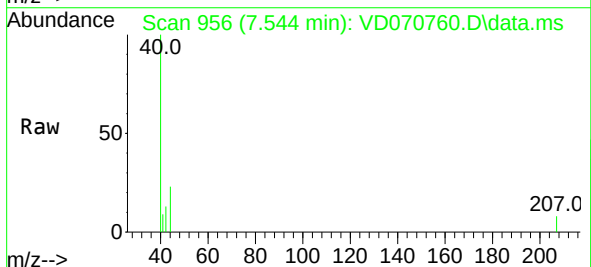
Instrument :
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WC-2-BS

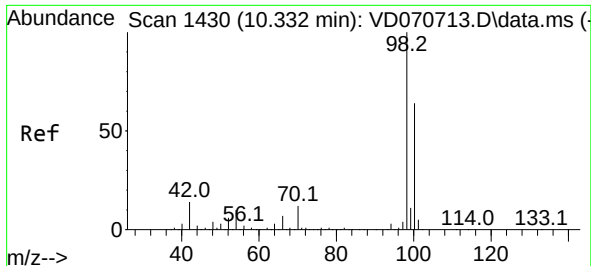
Tgt Ion:117 Resp: 52514
Ion Ratio Lower Upper
117 100
119 4.8 77.4 116.0#
121 0.0 25.4 38.0#



#41
Methacrylonitrile
Concen: 2.001 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.030 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

Tgt Ion: 41 Resp: 161
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 0.0 75.8 113.6#
52 0.0 27.8 41.8#

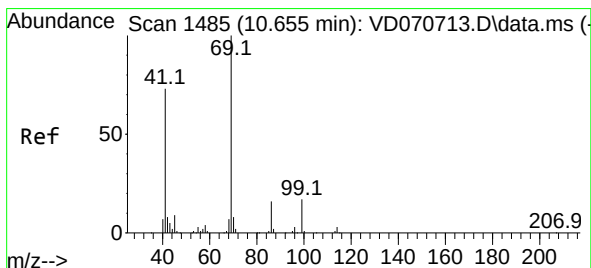
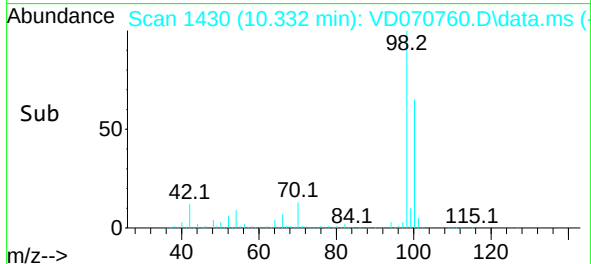
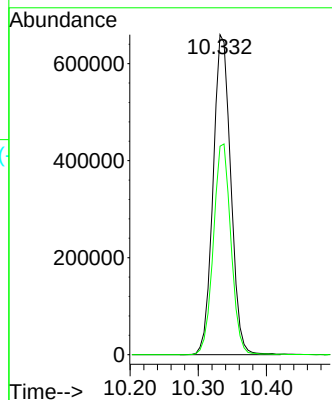
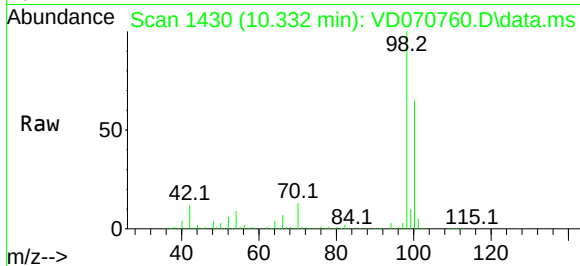




#50
Toluene-d8
Concen: 52.563 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

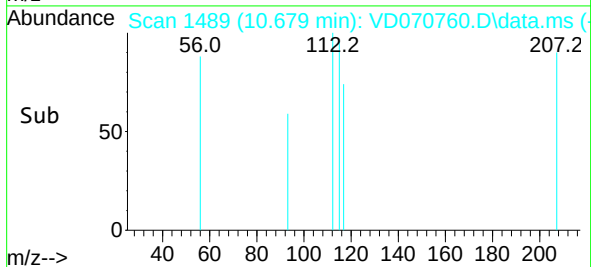
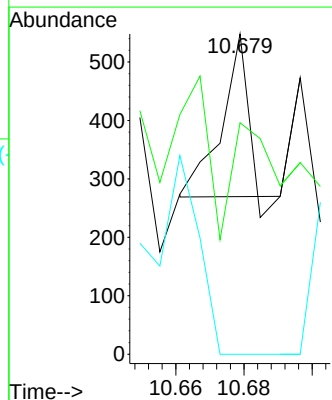
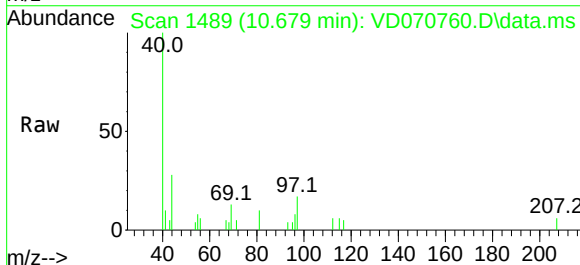
Instrument :
MSVOA_D
ClientSampled :
WC-2-BS

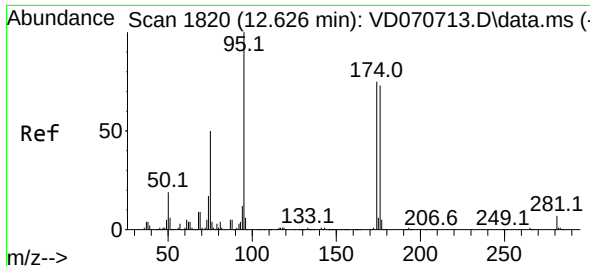
Tgt Ion: 98 Resp: 1190497
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#56
Ethyl methacrylate
Concen: 4.174 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.024 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

Tgt Ion: 69 Resp: 139
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 223.7 19.5 29.3#

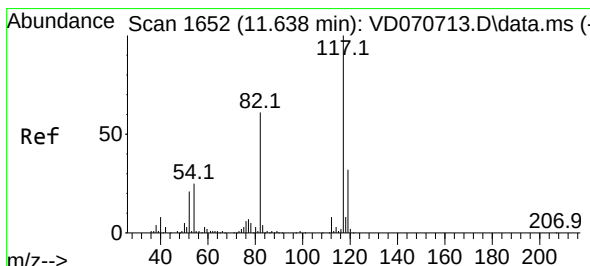
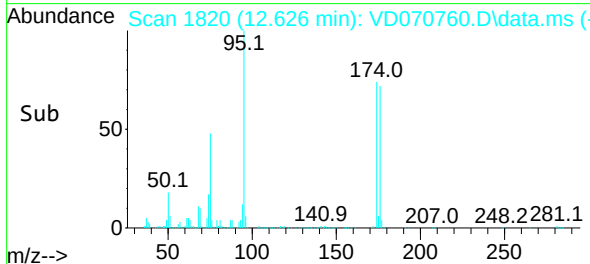
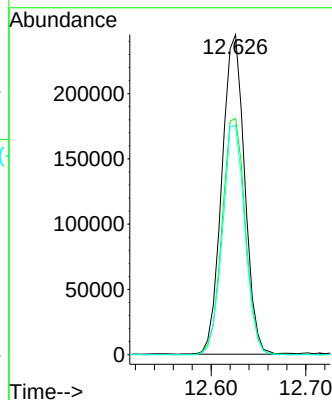
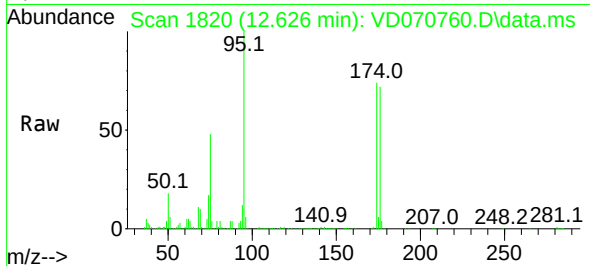




#62
4-Bromofluorobenzene
Concen: 52.392 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

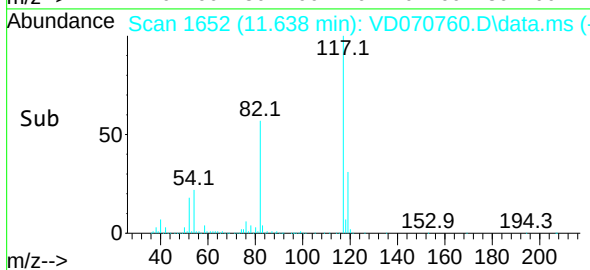
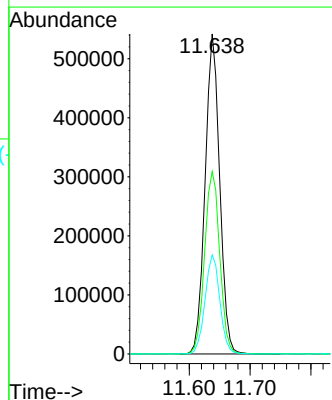
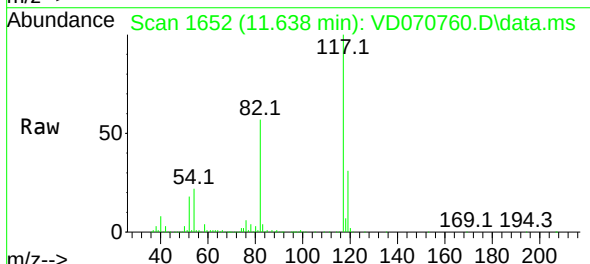
Instrument :
MSVOA_D
ClientSampleId :
WC-2-BS

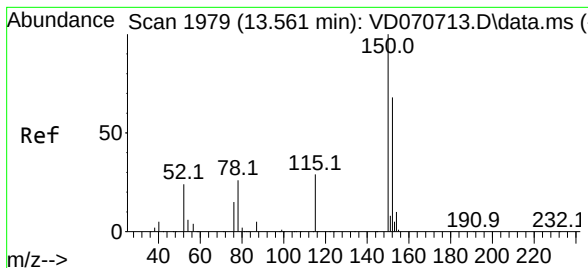
Tgt Ion: 95 Resp: 408589
Ion Ratio Lower Upper
95 100
174 75.4 0.0 138.0
176 71.0 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

Tgt Ion: 117 Resp: 901534
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 30.9 24.7 37.1

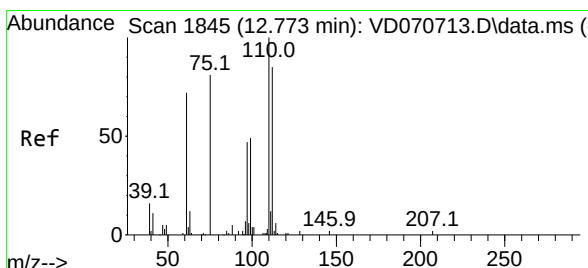
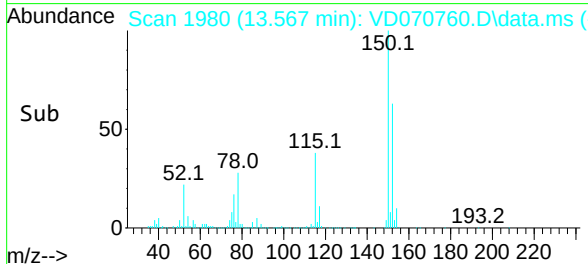
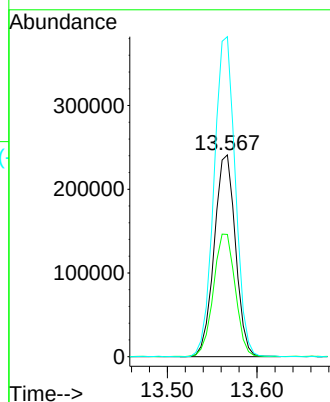
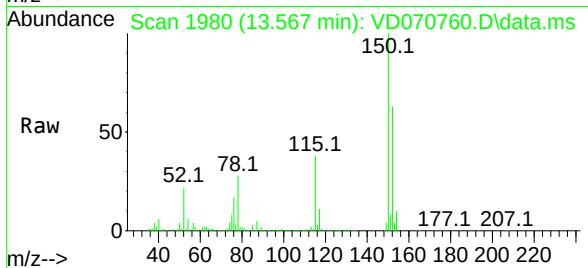




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

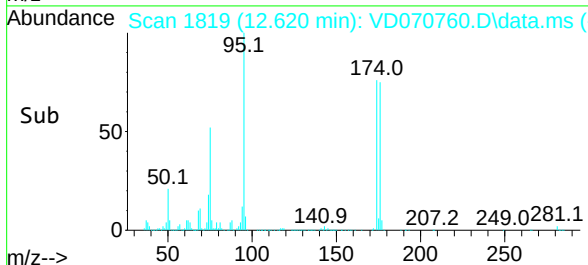
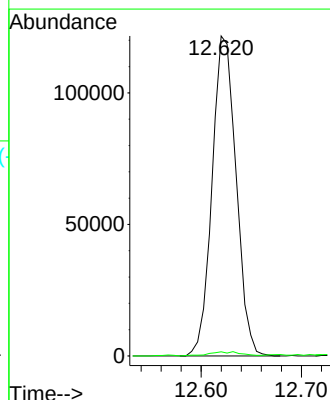
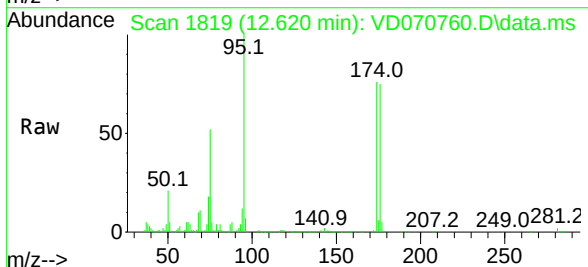
Instrument :
MSVOA_D
ClientSampled :
WC-2-BS

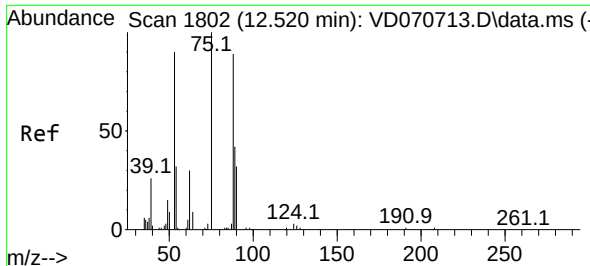
Tgt Ion:152 Resp: 396956
Ion Ratio Lower Upper
152 100
115 62.6 31.9 95.7
150 158.7 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 59.020 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

Tgt Ion: 75 Resp: 202412
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#

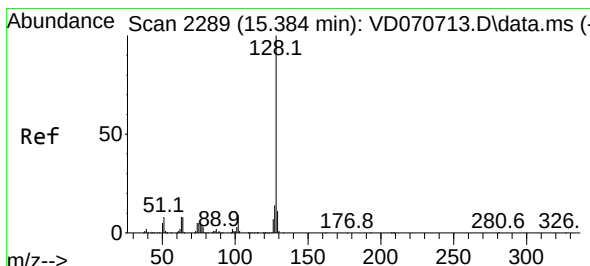
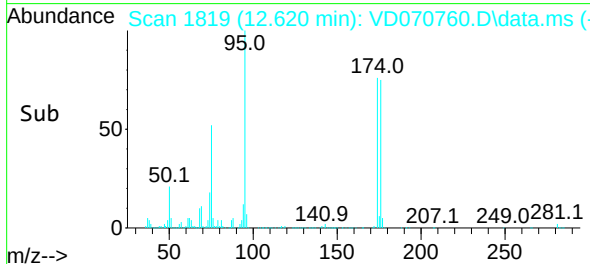
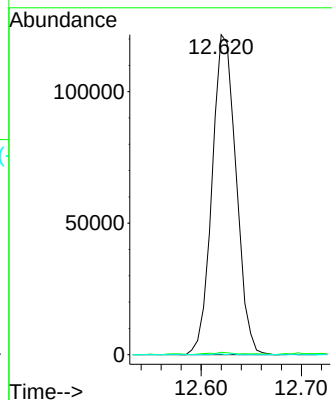
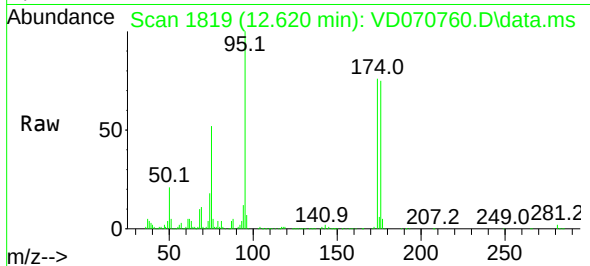




#81
trans-1,4-Dichloro-2-butene
Concen: 129.272 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

Instrument :
MSVOA_D
ClientSampleId :
WC-2-BS

Tgt Ion: 75 Resp: 202412
Ion Ratio Lower Upper
75 100
53 1.0 64.5 96.7#
89 0.1 35.3 52.9#



#95
Naphthalene
Concen: 4.854 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.012 min
Lab File: VD070760.D
Acq: 19 Oct 2021 15:58

Tgt Ion: 128 Resp: 875
Ion Ratio Lower Upper
128 100
127 17.0 10.9 16.3#
129 6.4 8.6 12.8#

