

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070780.D
 Acq On : 20 Oct 2021 17:17
 Operator : VA/SY
 Sample : M4285-01
 Misc : 5.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-EA-(1)

Quant Time: Oct 21 05:40:08 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)

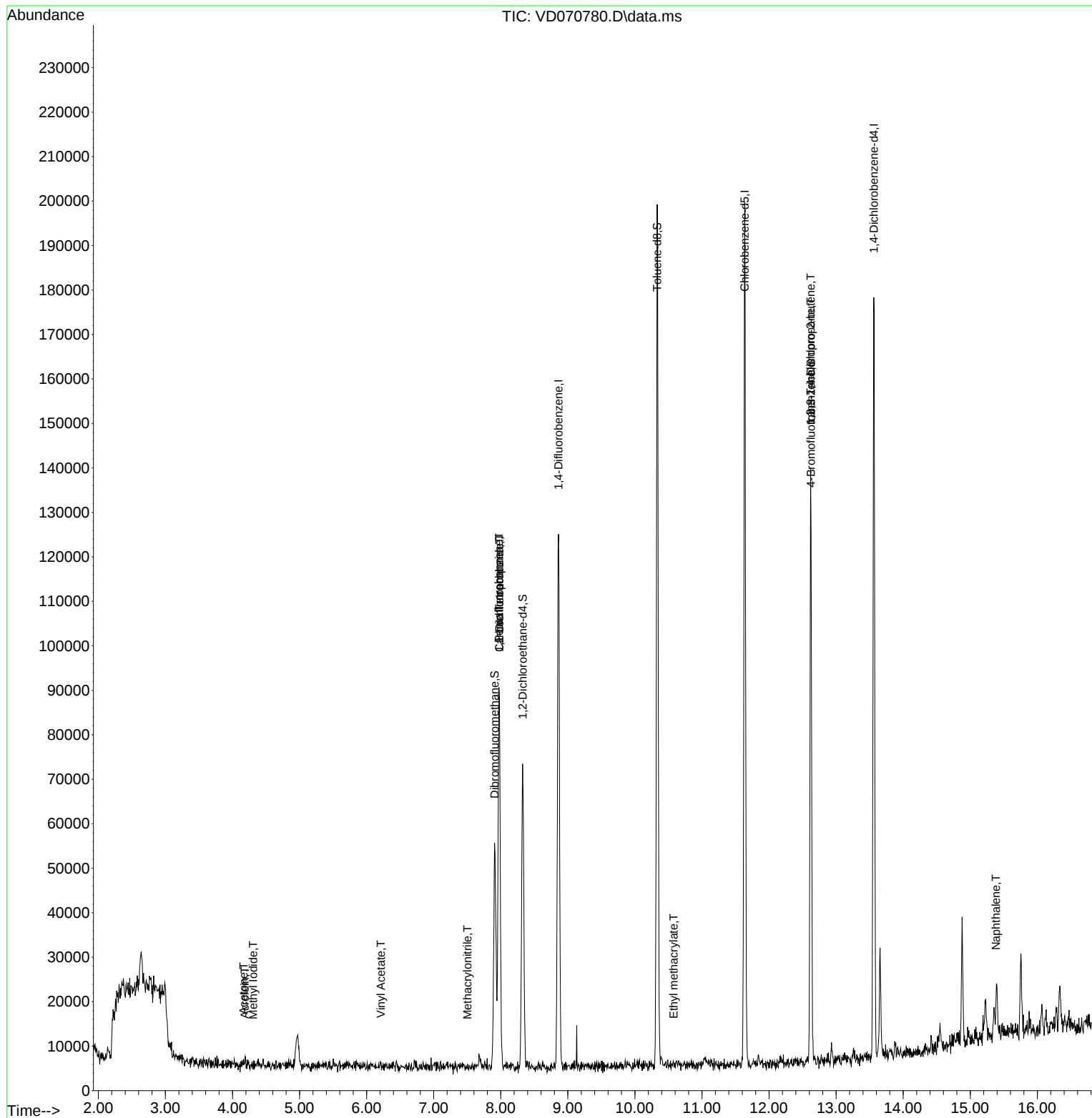
Internal Standards						
1) Pentafluorobenzene	7.973	168	59591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	101660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	106000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	45411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	55116	78.089	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 156.180%			
35) Dibromofluoromethane	7.908	113	37477	57.574	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.140%			
50) Toluene-d8	10.332	98	128952	51.679	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.360%			
62) 4-Bromofluorobenzene	12.626	95	44626	51.940	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.880%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.308	142	322	3.724	ug/l #	62
13) Acrolein	4.185	56	75	1.961	ug/l #	14
16) Acetone	4.167	43	1918	11.267	ug/l	99
20) Methylene Chloride	4.961	84	5066	Below Cal	#	83
23) Vinyl Acetate	6.214	43	66	16.378	ug/l #	69
36) 1,1-Dichloropropene	7.979	75	5527	4.880	ug/l #	49
38) Carbon Tetrachloride	7.979	117	6162	5.681	ug/l #	12
41) Methacrylonitrile	7.502	41	58	2.132	ug/l #	16
56) Ethyl methacrylate	10.579	69	78	4.248	ug/l #	32
76) 1,2,3-Trichloropropane	12.620	75	22645	57.719	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	22645	126.422	ug/l #	17
95) Naphthalene	15.384	128	1027	5.424	ug/l #	77

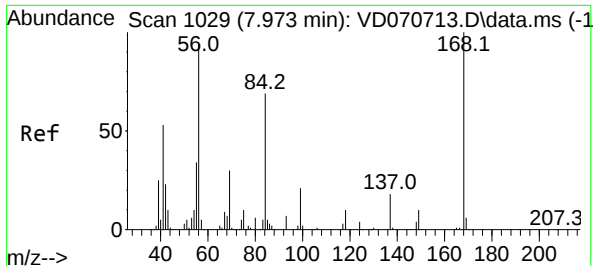
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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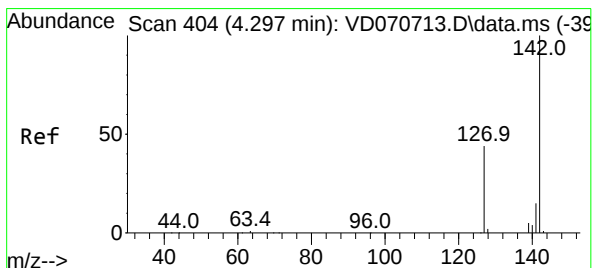
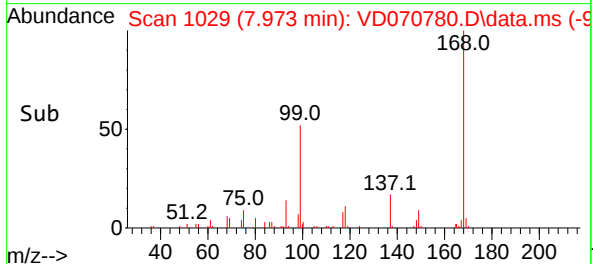
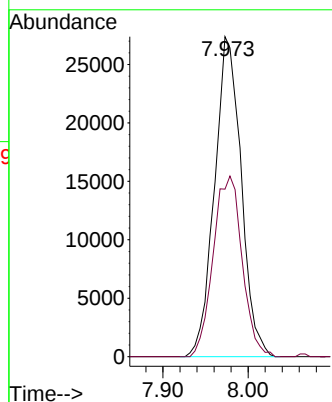
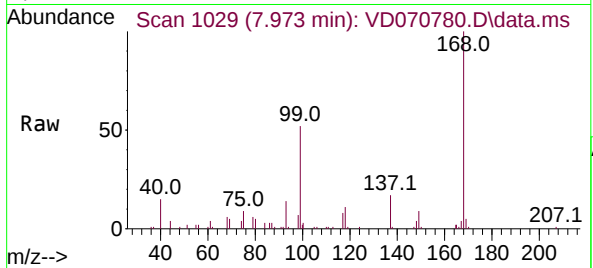




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

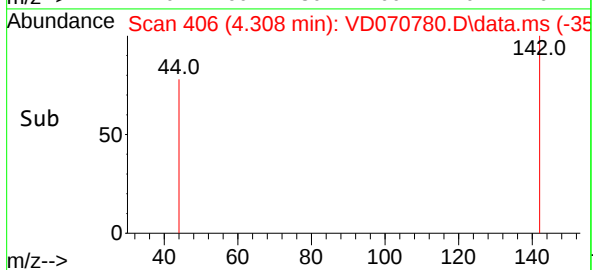
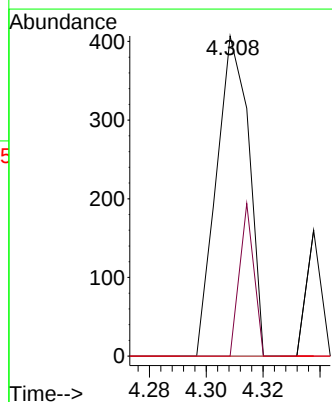
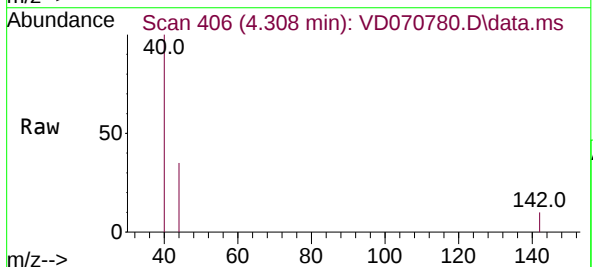
Instrument :
MSVOA_D
ClientSampleId :
MH-EA-(1)

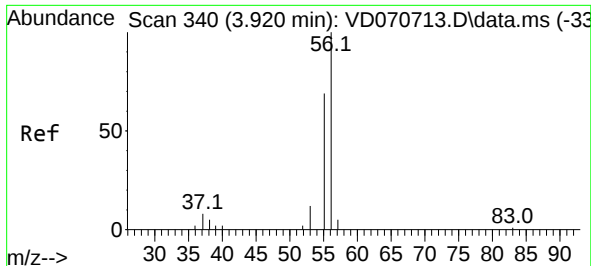
Tgt Ion:168 Resp: 59591
Ion Ratio Lower Upper
168 100
99 52.3 51.4 77.0



#10
Methyl Iodide
Concen: 3.724 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.011 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

Tgt Ion:142 Resp: 322
Ion Ratio Lower Upper
142 100
127 21.1 37.5 56.3#
141 0.0 12.1 18.1#

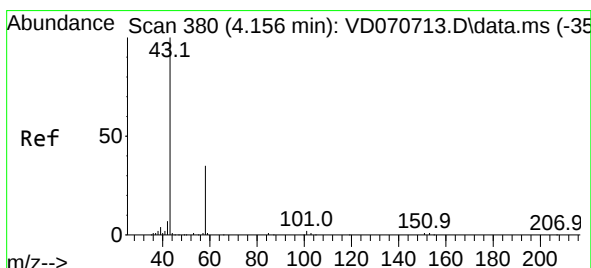
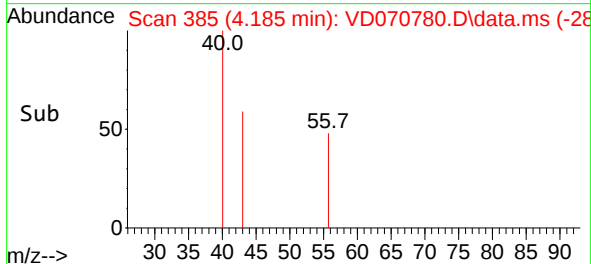
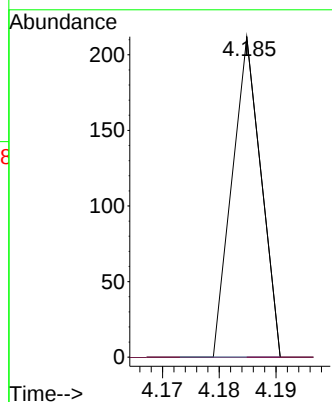
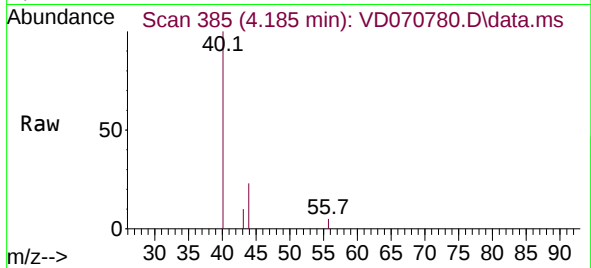




#13
Acrolein
Concen: 1.961 ug/l
RT: 4.185 min Scan# 385
Delta R.T. 0.265 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

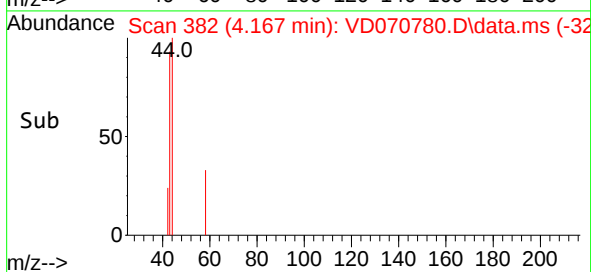
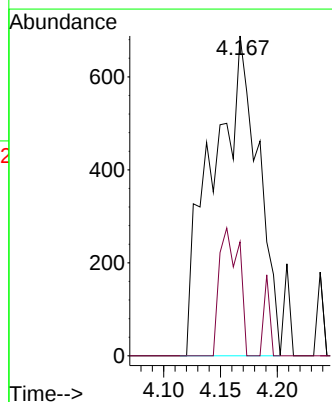
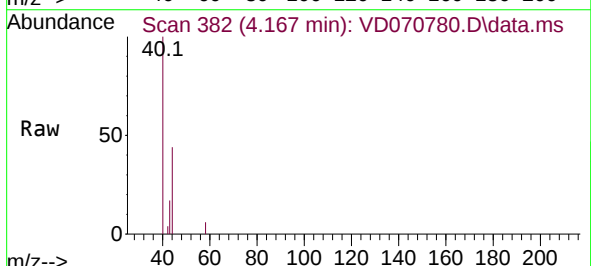
Instrument :
MSVOA_D
ClientSampleId :
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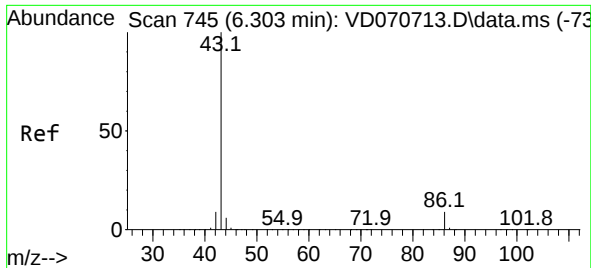
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 0.0 56.8 85.2#



#16
Acetone
Concen: 11.267 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

Tgt Ion: 43 Resp: 1918
Ion Ratio Lower Upper
43 100
58 35.6 28.2 42.2

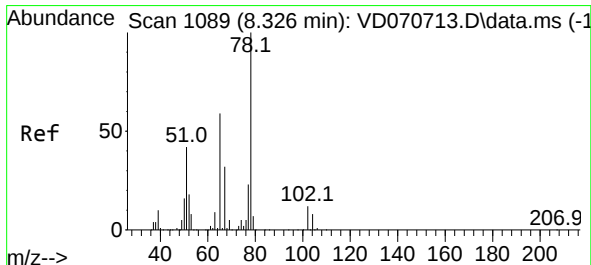
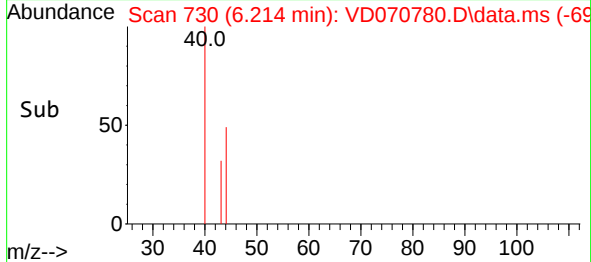
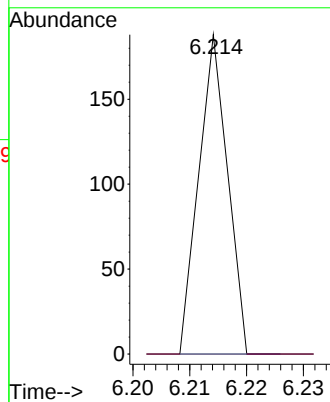
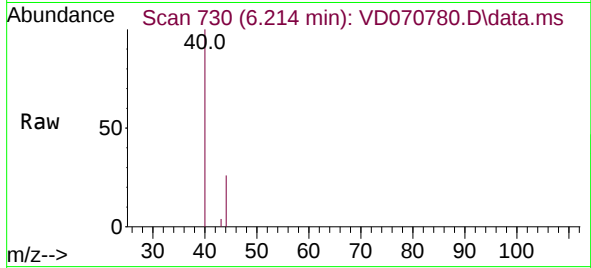




#23
 Vinyl Acetate
 Concen: 16.378 ug/l
 RT: 6.214 min Scan# 730
 Delta R.T. -0.089 min
 Lab File: VD070780.D
 Acq: 20 Oct 2021 17:17

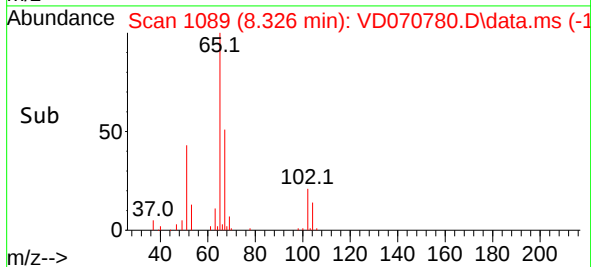
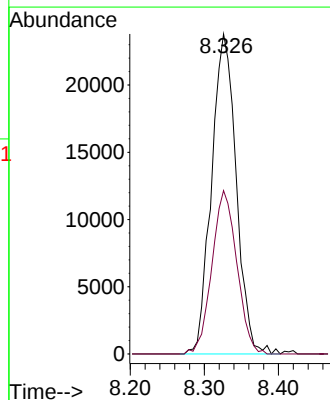
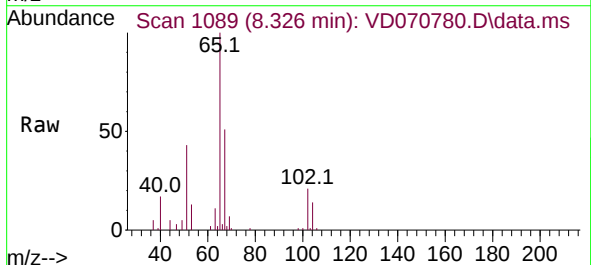
Instrument :
 MSVOA_D
 ClientSampleID :
 MH-EA-(1)

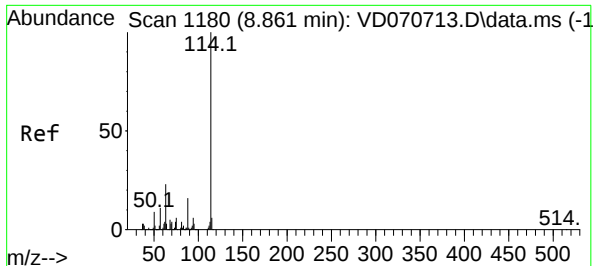
Tgt Ion: 43 Resp: 66
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#33
 1,2-Dichloroethane-d4
 Concen: 78.089 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.000 min
 Lab File: VD070780.D
 Acq: 20 Oct 2021 17:17

Tgt Ion: 65 Resp: 55116
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 110.2



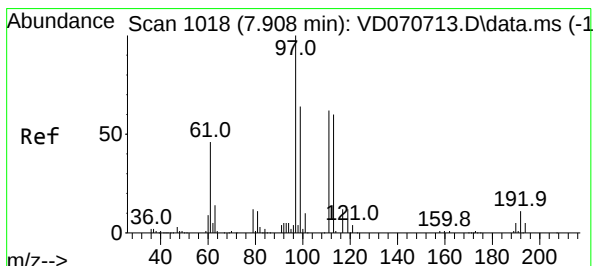
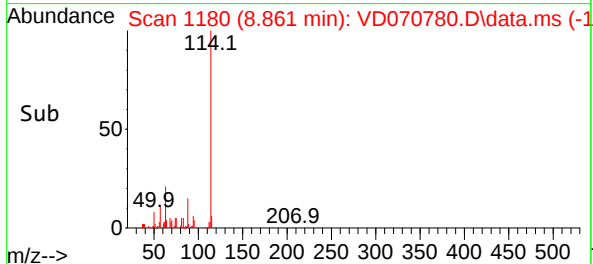
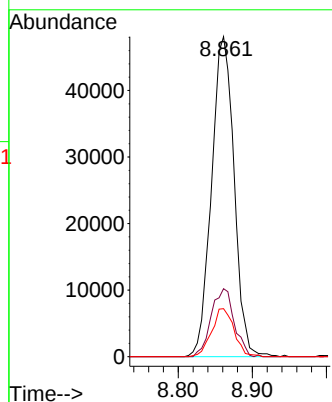
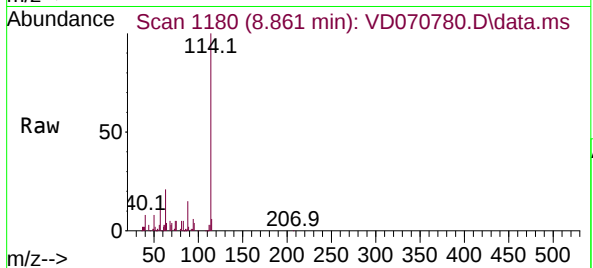


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

Instrument :
MSVOA_D
ClientSampleId :
MH-EA-(1)

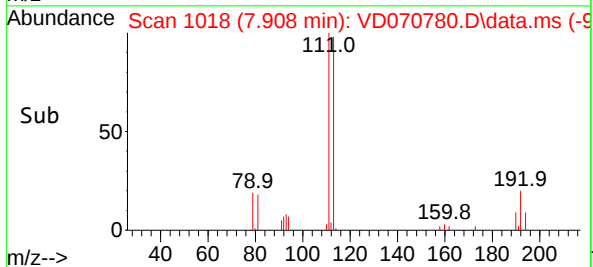
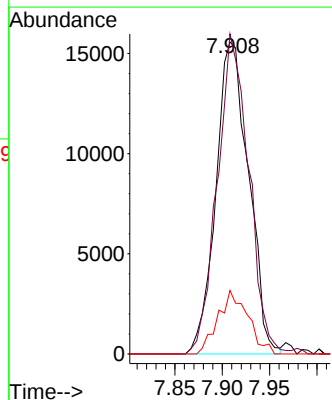
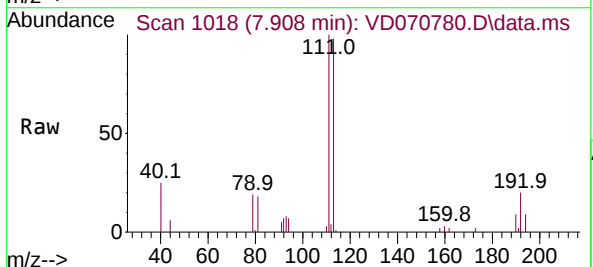
Tgt Ion:114 Resp: 101660
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.8
88 15.0 0.0 32.6

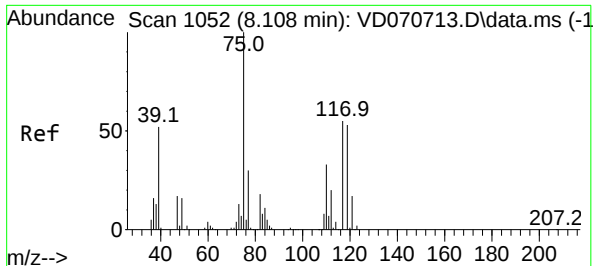


#35

Dibromofluoromethane
Concen: 57.574 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

Tgt Ion:113 Resp: 37477
Ion Ratio Lower Upper
113 100
111 98.6 83.1 124.7
192 18.6 12.7 19.1

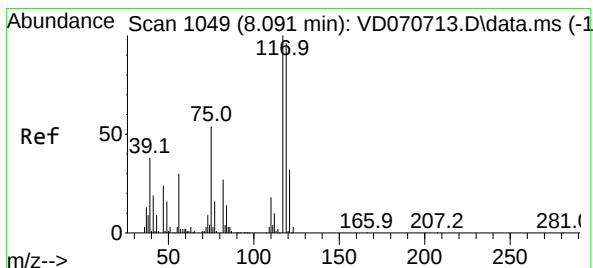
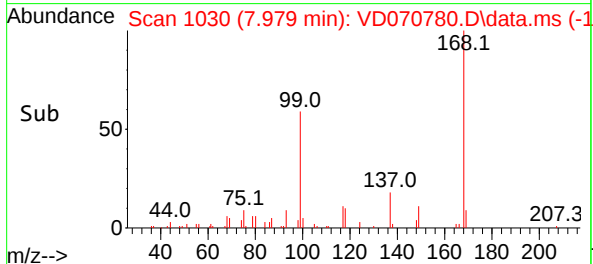
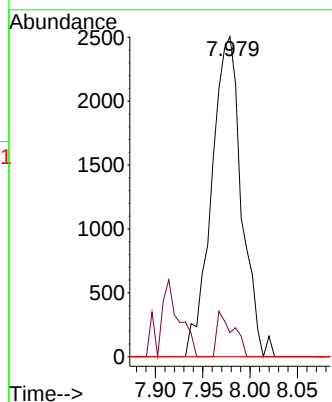
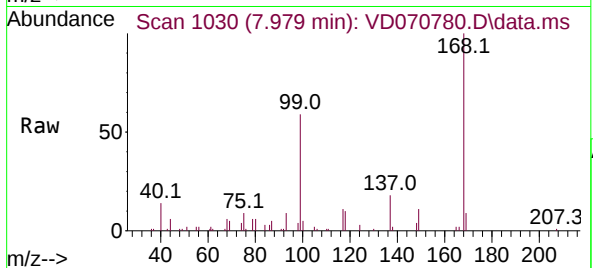




#36
1,1-Dichloropropene
Concen: 4.880 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

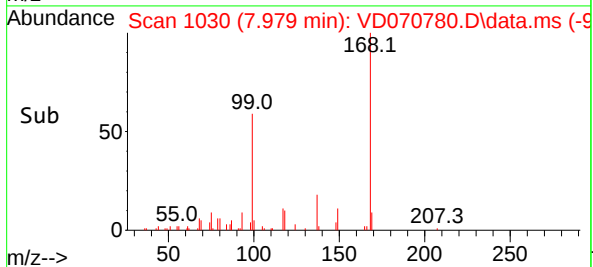
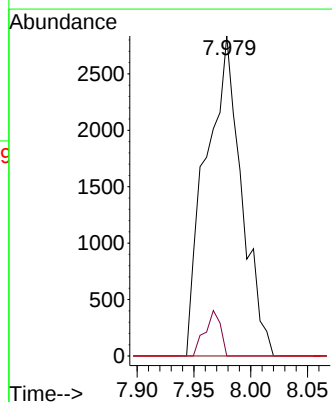
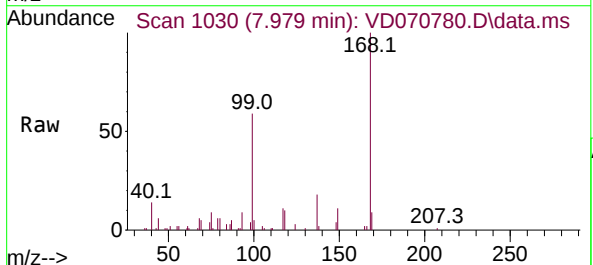
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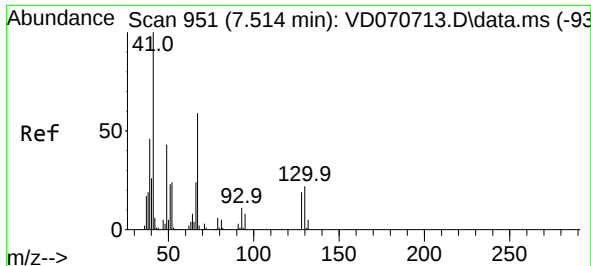
Tgt Ion: 75 Resp: 5527
Ion Ratio Lower Upper
75 100
110 7.7 17.2 51.6#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.681 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

Tgt Ion: 117 Resp: 6162
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.4 38.0#

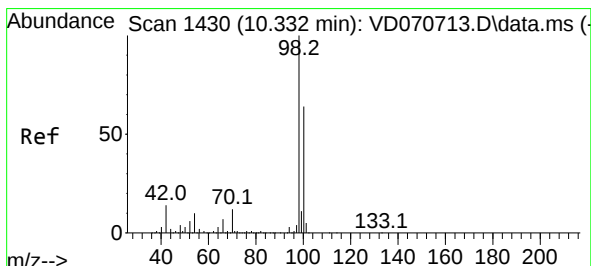
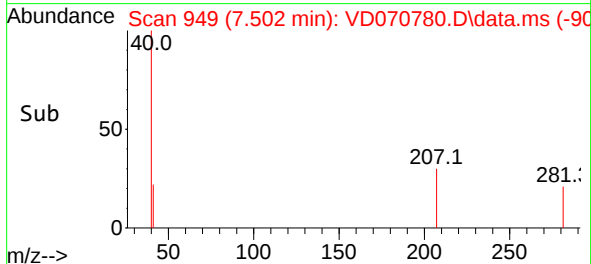
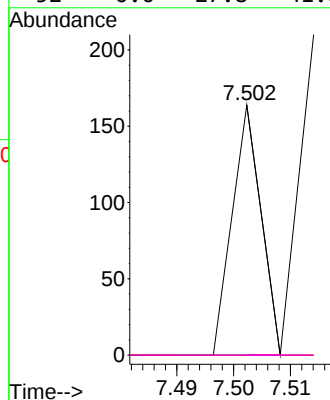
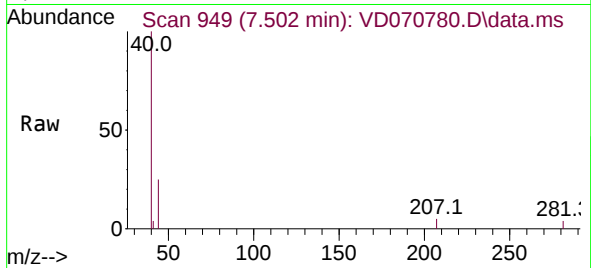




#41
Methacrylonitrile
Concen: 2.132 ug/l
RT: 7.502 min Scan# 949
Delta R.T. -0.012 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

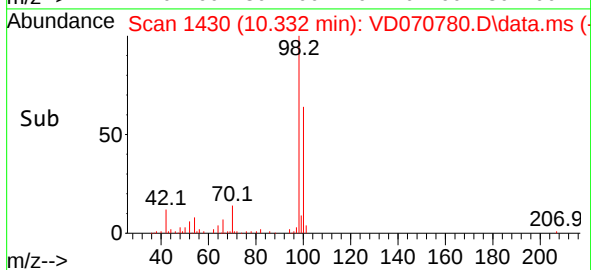
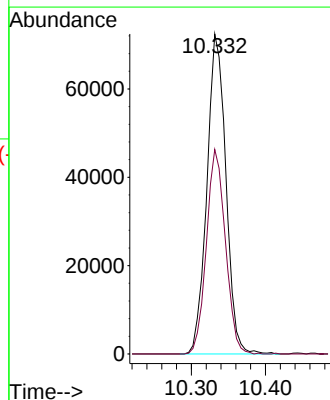
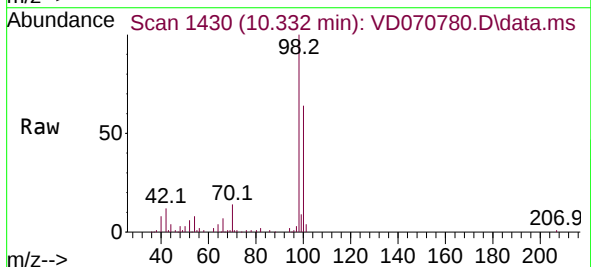
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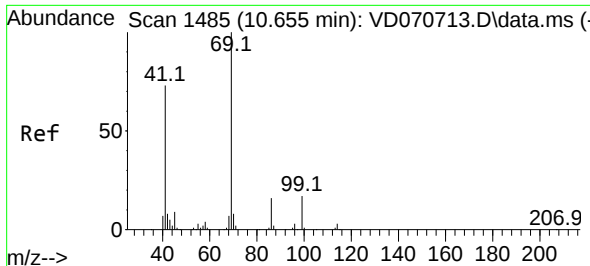
Tgt Ion:	41	Resp:	58
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	75.8	113.6#
52	0.0	27.8	41.8#



#50
Toluene-d8
Concen: 51.679 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

Tgt Ion:	98	Resp:	128952
Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.4

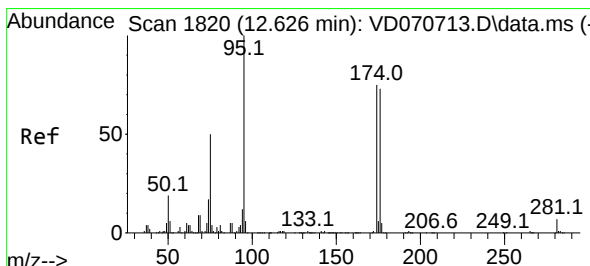
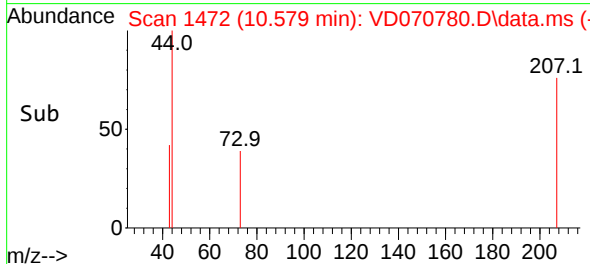
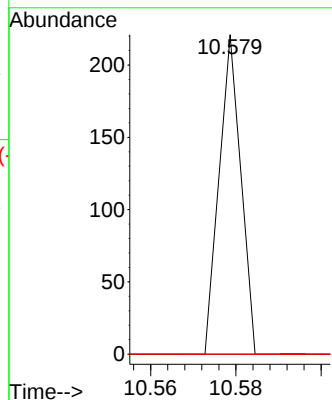
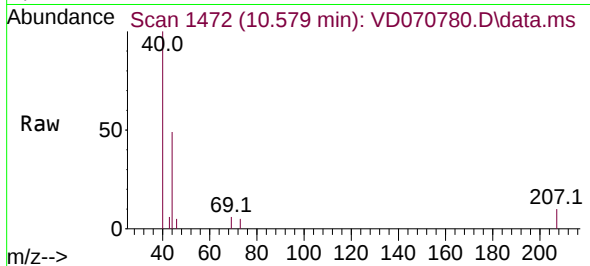




#56
Ethyl methacrylate
Concen: 4.248 ug/l
RT: 10.579 min Scan# 1472
Delta R.T. -0.076 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

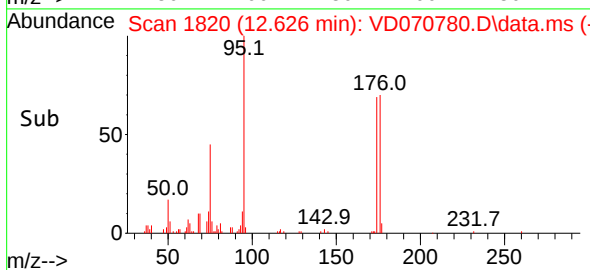
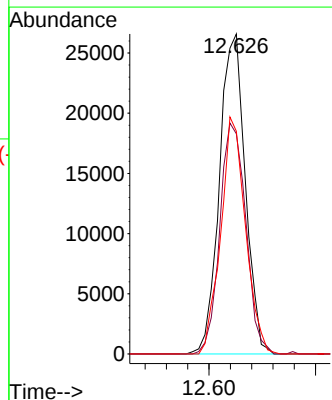
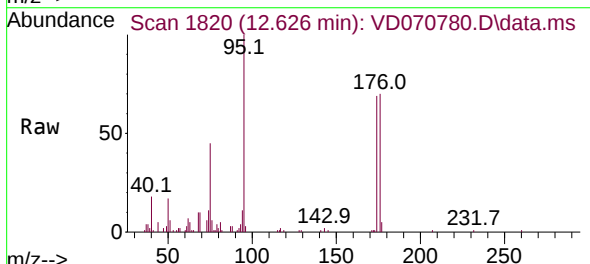
Instrument :
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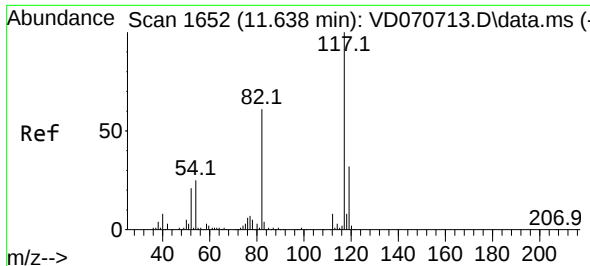
Tgt Ion: 69 Resp: 78
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 0.0 19.5 29.3#



#62
4-Bromofluorobenzene
Concen: 51.940 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

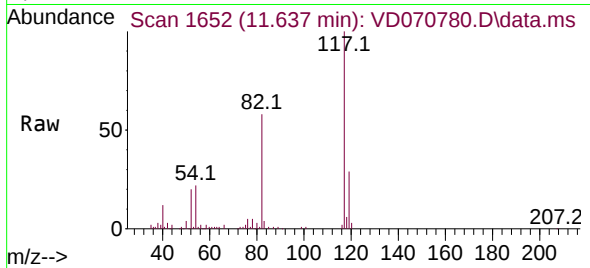
Tgt Ion: 95 Resp: 44626
Ion Ratio Lower Upper
95 100
174 72.6 0.0 138.0
176 71.0 0.0 135.6



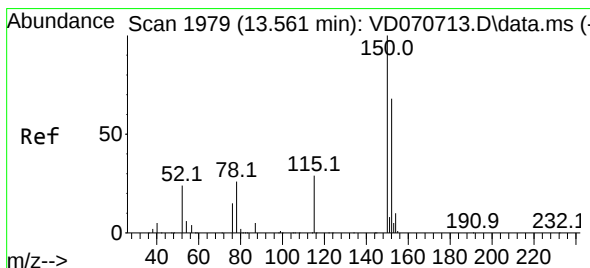
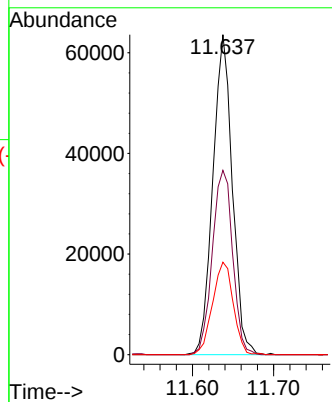
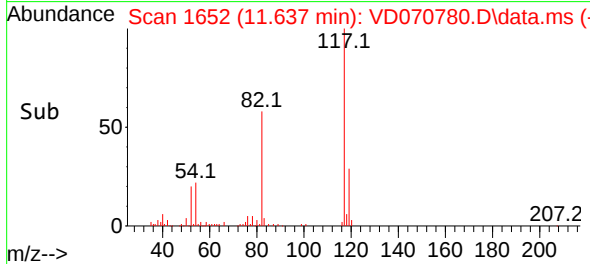


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

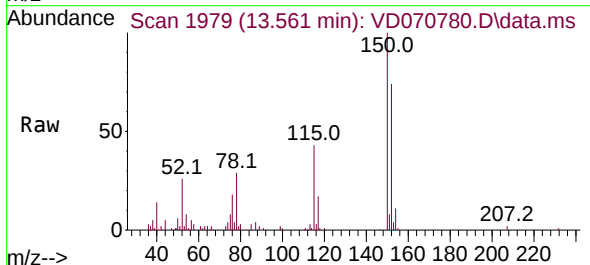
Instrument :
MSVOA_D
ClientSampleId :
MH-EA-(1)



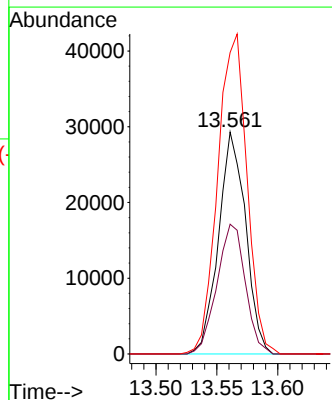
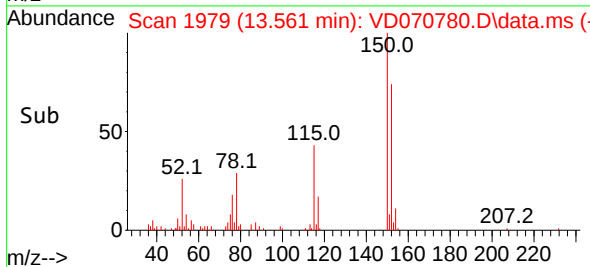
Tgt Ion:117 Resp: 106000
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.2
119 28.9 24.7 37.1

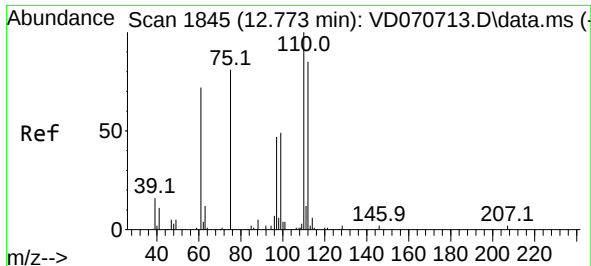


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17



Tgt Ion:152 Resp: 45411
Ion Ratio Lower Upper
152 100
115 61.2 31.9 95.7
150 155.3 0.0 350.0

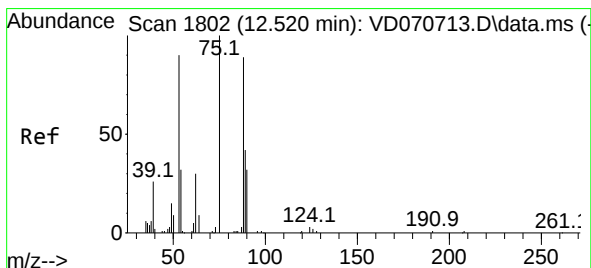
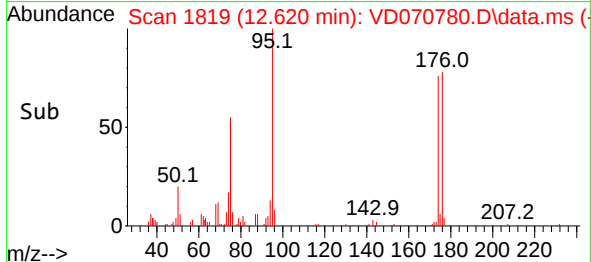
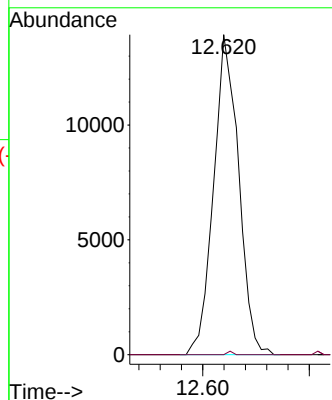
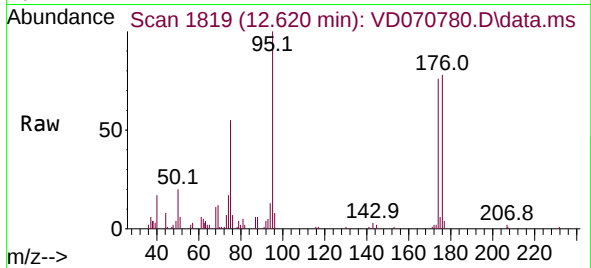




#76
1,2,3-Trichloropropane
Concen: 57.719 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

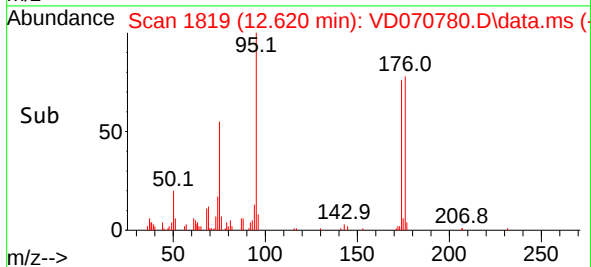
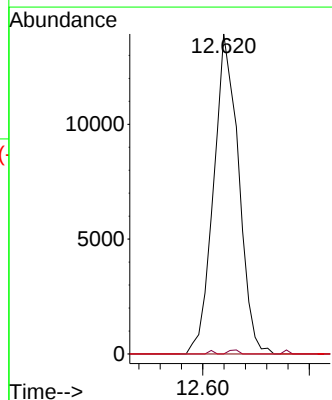
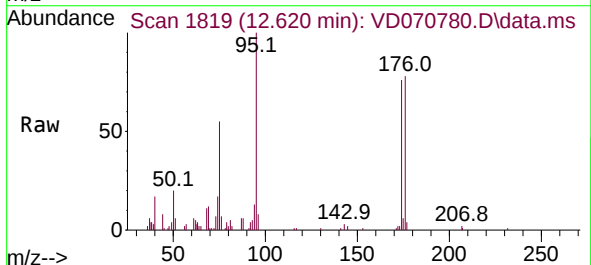
Instrument :
MSVOA_D
ClientSampleId :
MH-EA-(1)

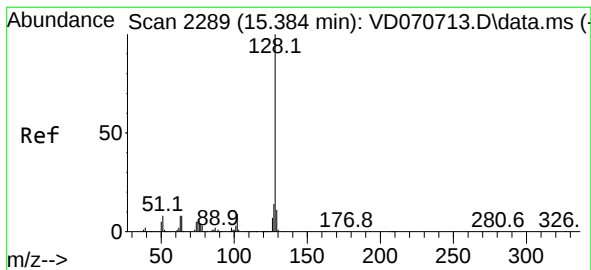
Tgt Ion: 75 Resp: 22645
Ion Ratio Lower Upper
75 100
77 0.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.422 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

Tgt Ion: 75 Resp: 22645
Ion Ratio Lower Upper
75 100
53 0.5 64.5 96.7#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 5.424 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070780.D
Acq: 20 Oct 2021 17:17

Instrument :
MSVOA_D
ClientSampleId :
MH-EA-(1)

Tgt Ion:128 Resp: 1027
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 6.8 8.6 12.8#

