

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070736.D
 Acq On : 18 Oct 2021 18:09
 Operator : VA/SY
 Sample : M4252-01
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-BA-(1)

Quant Time: Oct 19 06:42:06 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)

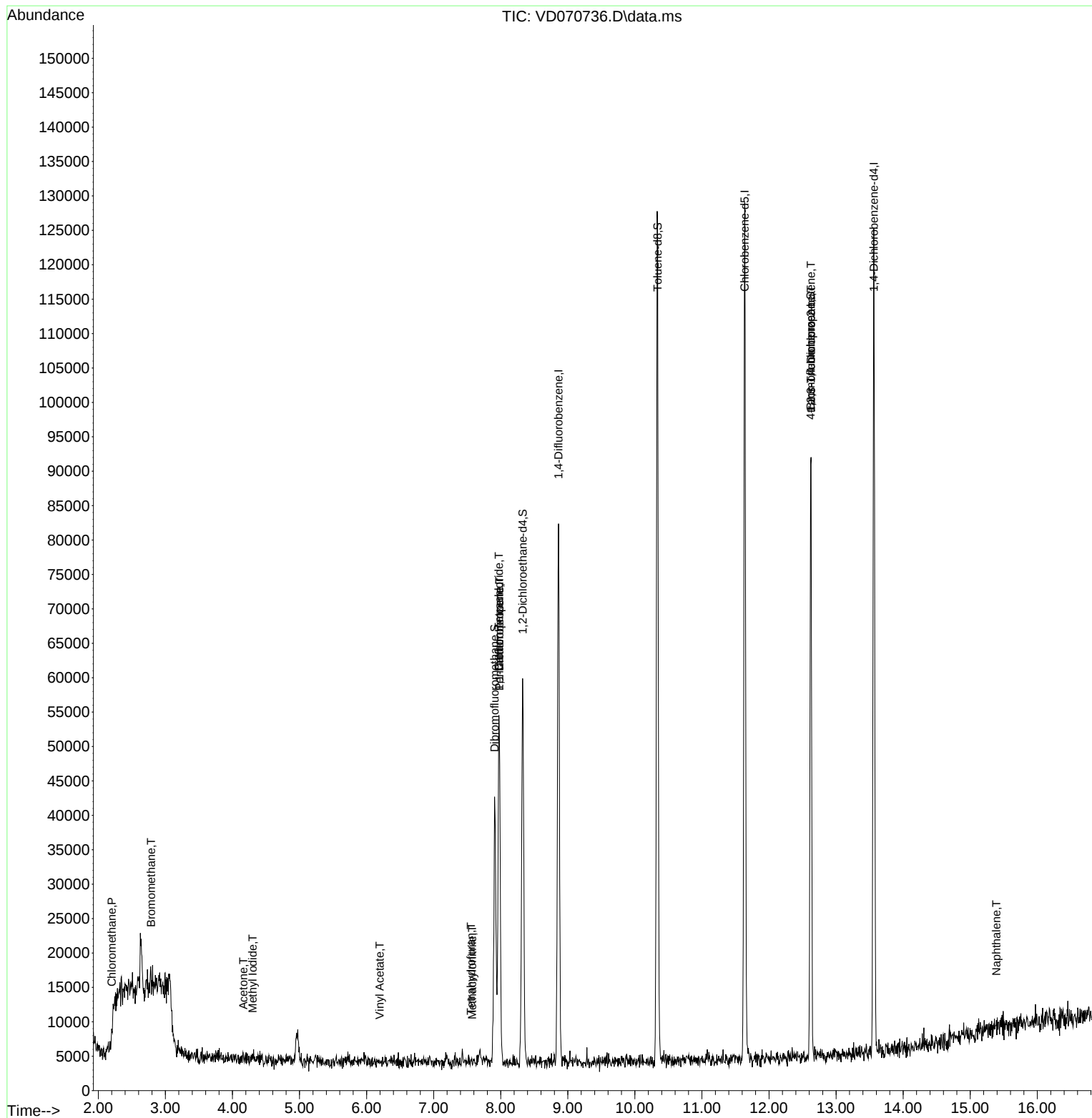
Internal Standards						
1) Pentafluorobenzene	7.979	168	34863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	60421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	68000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	31307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	43576	105.529	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 211.060%#			
35) Dibromofluoromethane	7.908	113	25806	66.703	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 133.400%			
50) Toluene-d8	10.338	98	81777	55.141	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.280%			
62) 4-Bromofluorobenzene	12.620	95	29281	57.340	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.680%			
Target Compounds						Qvalue
3) Chloromethane	2.203	50	714	1.181	ug/l #	1
5) Bromomethane	2.785	94	1809	4.787	ug/l #	53
10) Methyl Iodide	4.303	142	200	3.749	ug/l #	71
16) Acetone	4.162	43	967	9.709	ug/l #	87
20) Methylene Chloride	4.967	84	2741	Below Cal	#	85
23) Vinyl Acetate	6.197	43	60	16.405	ug/l #	69
29) Tetrahydrofuran	7.556	42	170	2.257	ug/l #	58
36) 1,1-Dichloropropene	7.979	75	3260	4.843	ug/l #	44
38) Carbon Tetrachloride	7.973	117	4380	6.794	ug/l #	12
41) Methacrylonitrile	7.573	41	65	2.299	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	14689	54.307	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	14689	118.950	ug/l #	17
95) Naphthalene	15.390	128	74	4.859	ug/l #	69

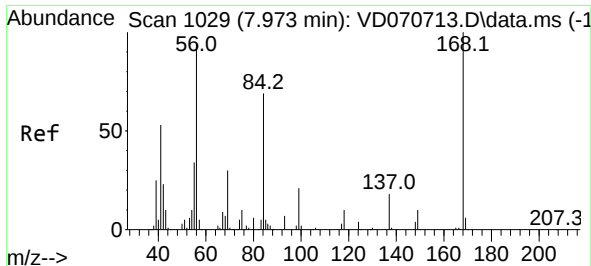
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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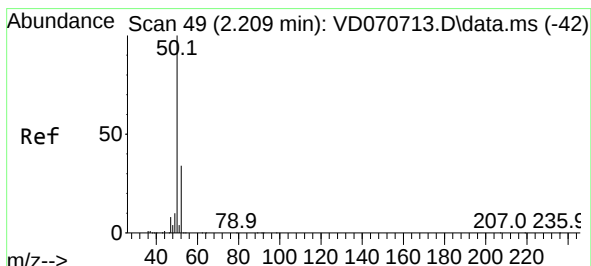
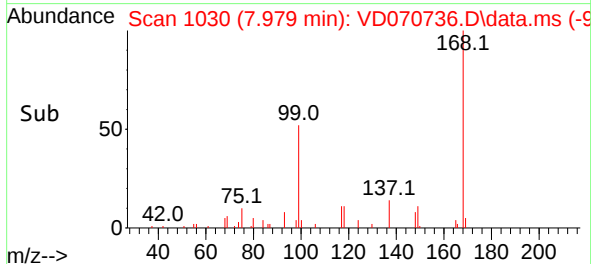
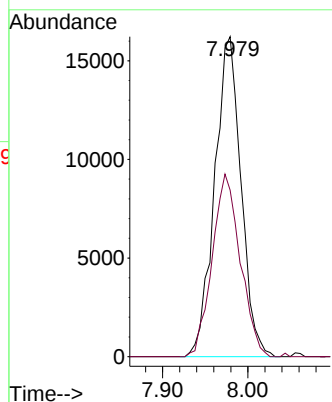
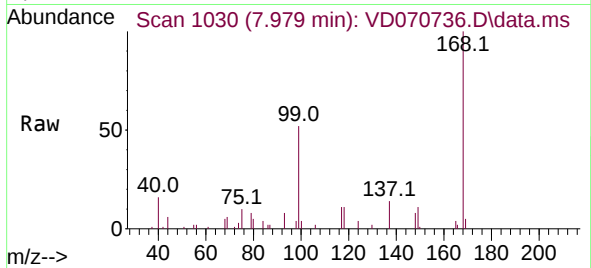




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

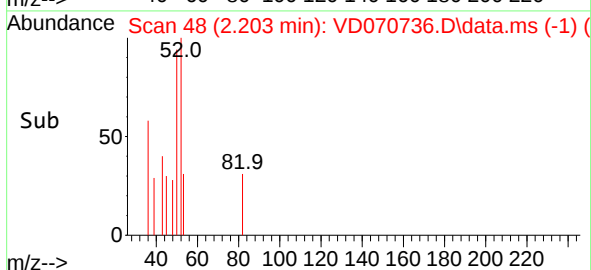
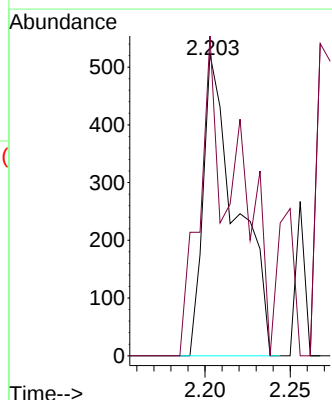
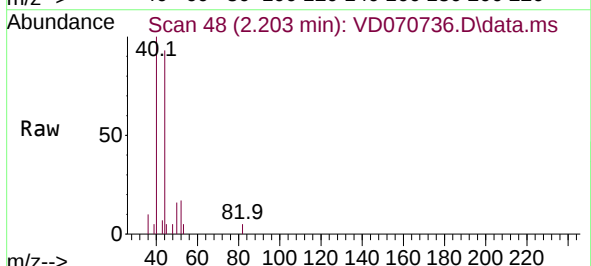
Instrument :
MSVOA_D
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TEST-BA-(1)

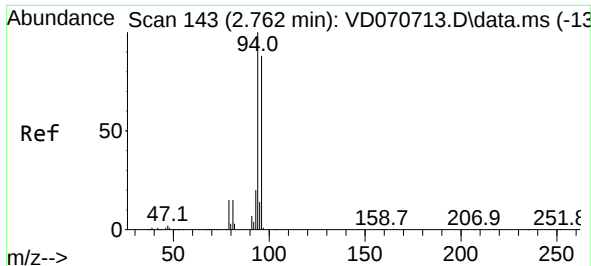
Tgt Ion:168 Resp: 34863
Ion Ratio Lower Upper
168 100
99 52.0 51.4 77.0



#3
Chloromethane
Concen: 1.181 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 50 Resp: 714
Ion Ratio Lower Upper
50 100
52 105.9 26.0 39.0#

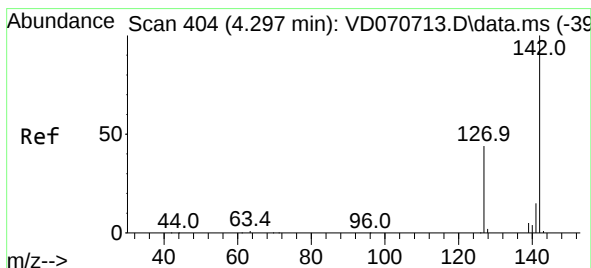
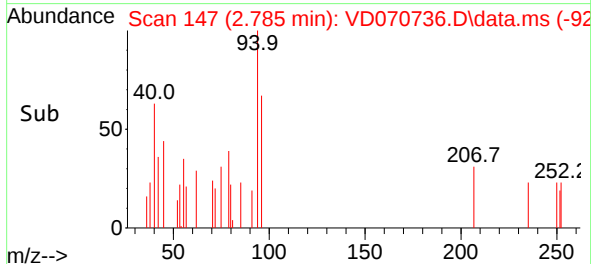
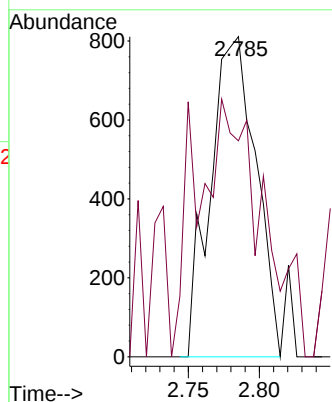
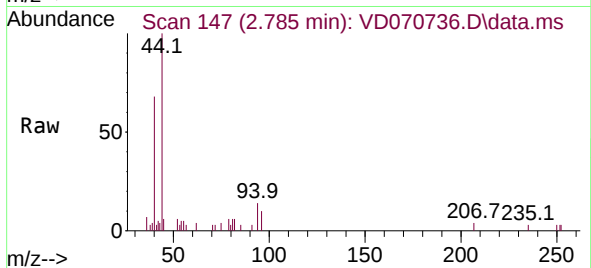




#5
Bromomethane
Concen: 4.787 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.024 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

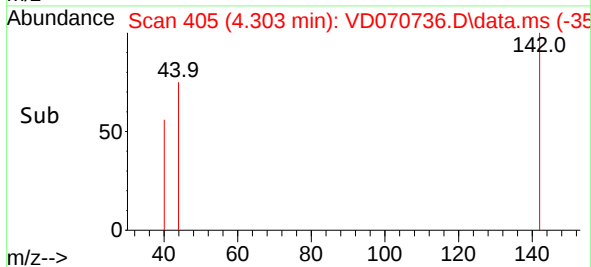
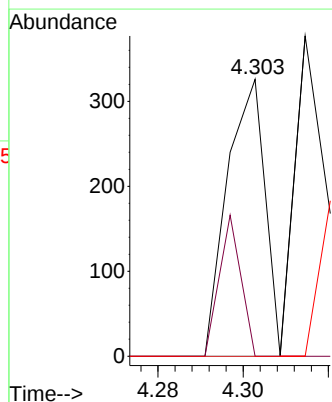
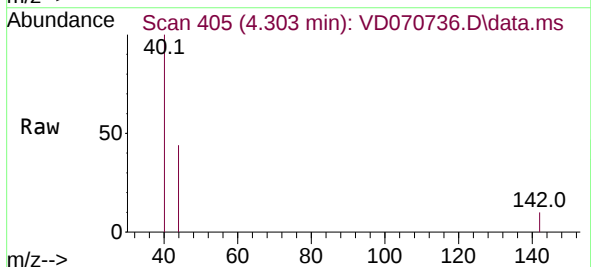
Instrument :
MSVOA_D
ClientSampleId :
TEST-BA-(1)

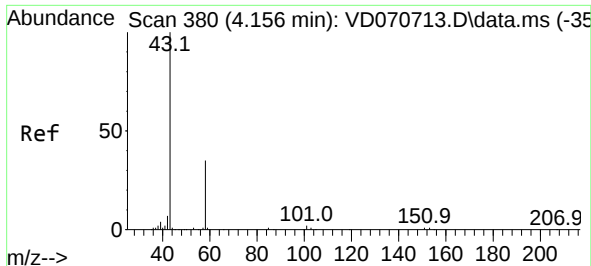
Tgt Ion: 94 Resp: 1809
Ion Ratio Lower Upper
94 100
96 48.6 75.5 113.3#



#10
Methyl Iodide
Concen: 3.749 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 142 Resp: 200
Ion Ratio Lower Upper
142 100
127 29.5 37.5 56.3#
141 0.0 12.1 18.1#

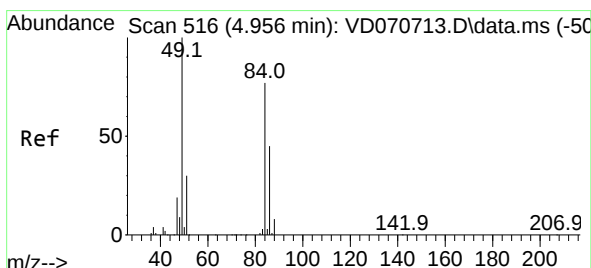
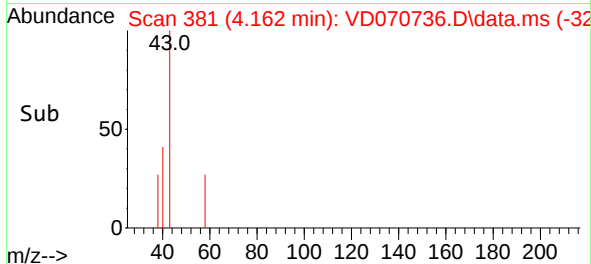
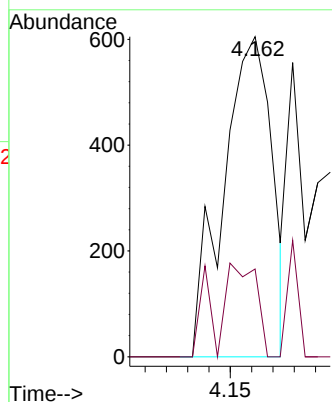
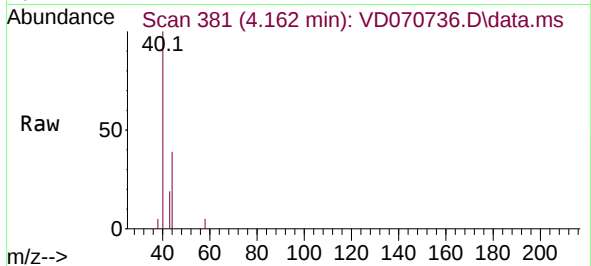




#16
Acetone
Concen: 9.709 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

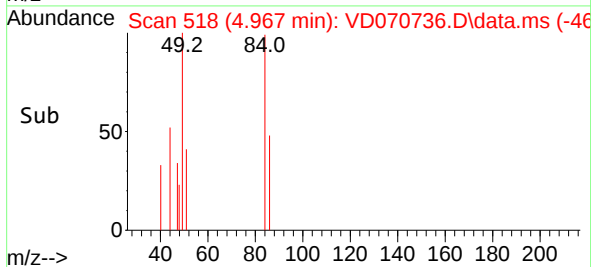
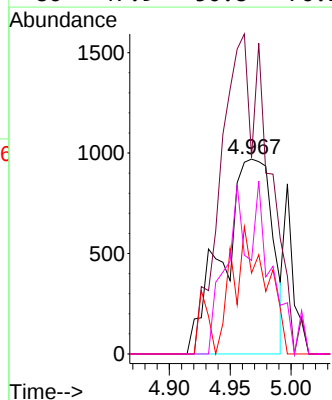
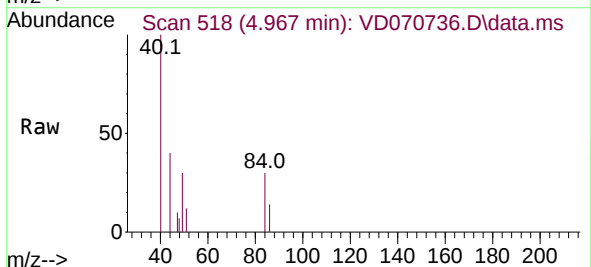
Instrument :
MSVOA_D
ClientSampleId :
TEST-BA-(1)

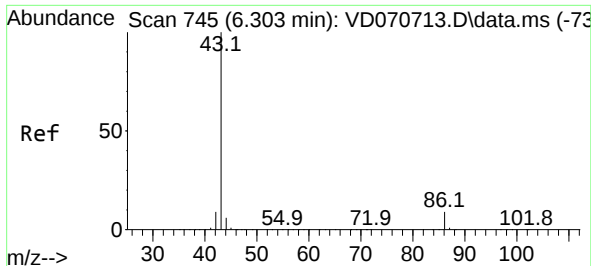
Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
58 27.4 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.011 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 84 Resp: 2741
Ion Ratio Lower Upper
84 100
49 100.8 91.4 137.2
51 41.5 26.7 40.1#
86 47.9 50.8 76.2#

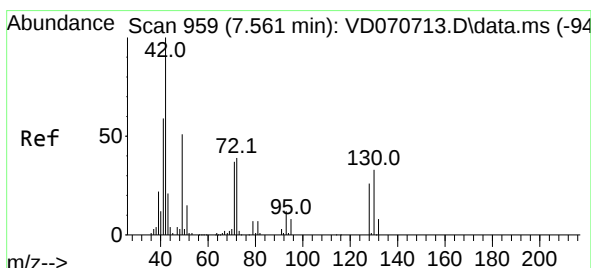
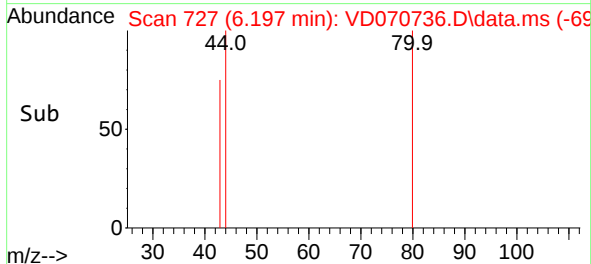
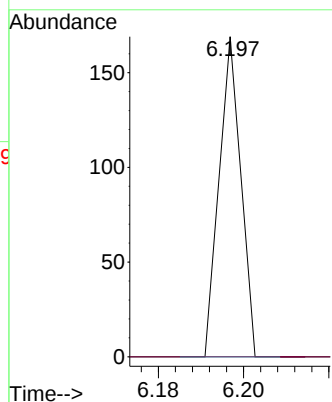
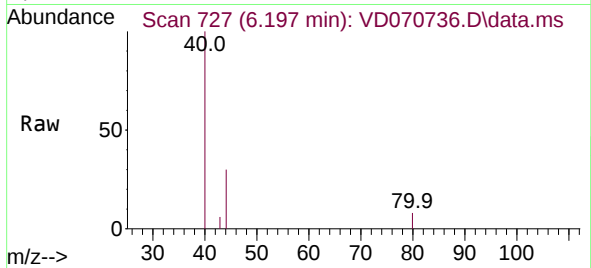




#23
 Vinyl Acetate
 Concen: 16.405 ug/l
 RT: 6.197 min Scan# 727
 Delta R.T. -0.106 min
 Lab File: VD070736.D
 Acq: 18 Oct 2021 18:09

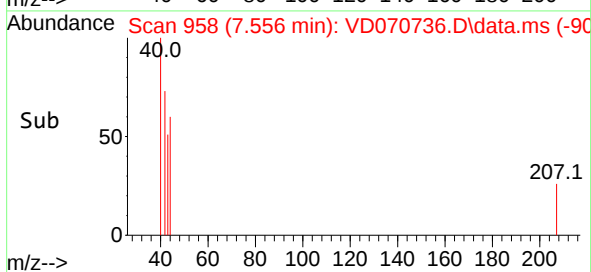
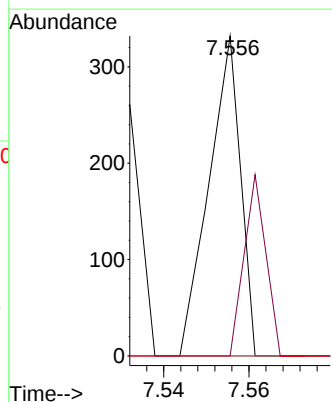
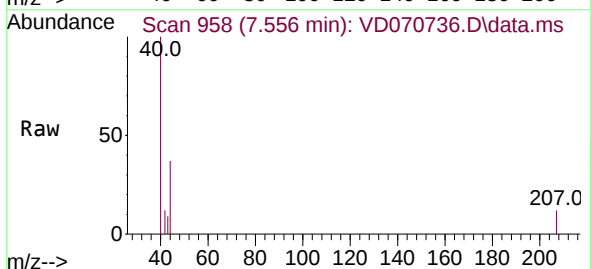
Instrument :
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 TEST-BA-(1)

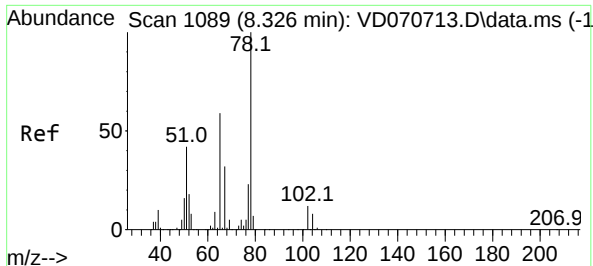
Tgt Ion: 43 Resp: 60
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#29
 Tetrahydrofuran
 Concen: 2.257 ug/l
 RT: 7.556 min Scan# 958
 Delta R.T. -0.006 min
 Lab File: VD070736.D
 Acq: 18 Oct 2021 18:09

Tgt Ion: 42 Resp: 170
 Ion Ratio Lower Upper
 42 100
 72 38.8 40.2 60.4#
 71 0.0 37.2 55.8#

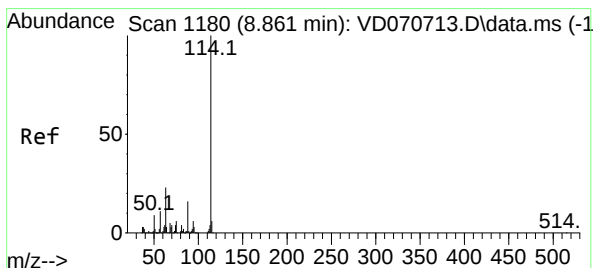
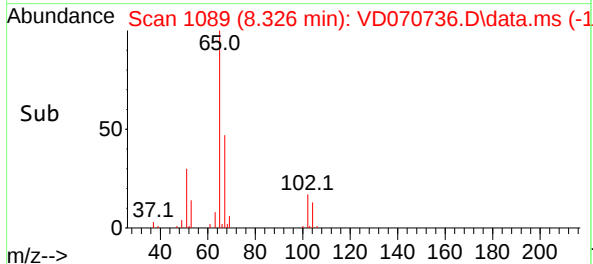
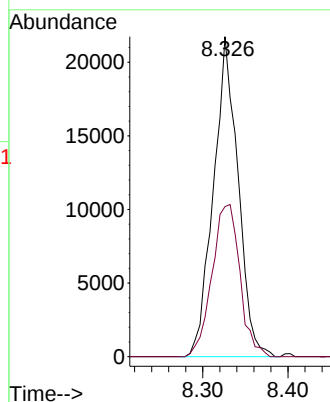
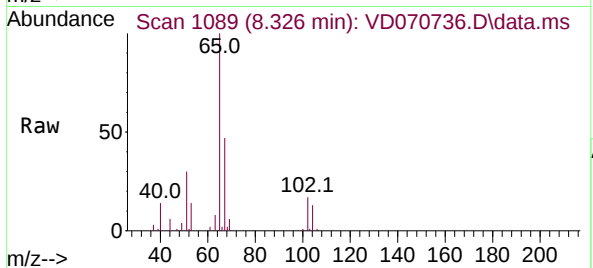




#33
1,2-Dichloroethane-d4
Concen: 105.529 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

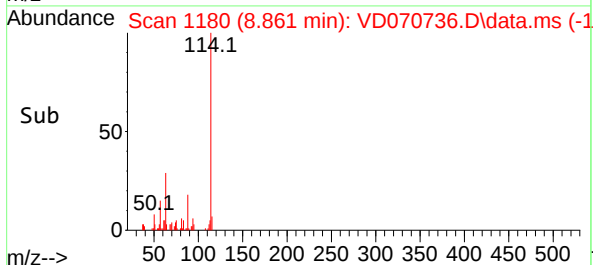
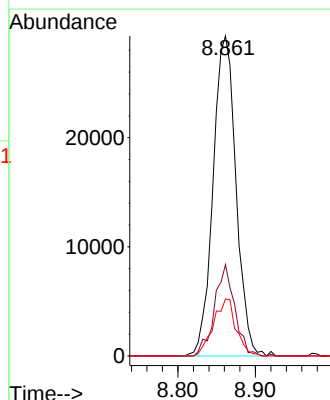
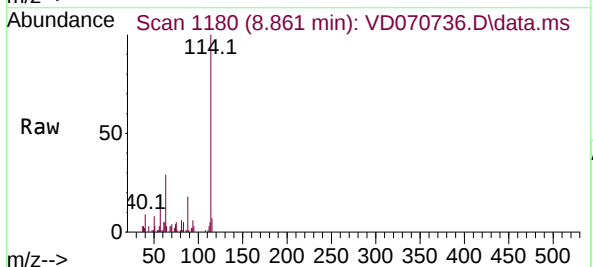
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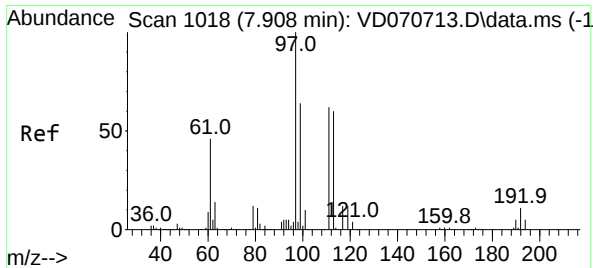
Tgt Ion: 65 Resp: 43576
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 114 Resp: 60421
Ion Ratio Lower Upper
114 100
63 28.6 0.0 41.8
88 17.8 0.0 32.6

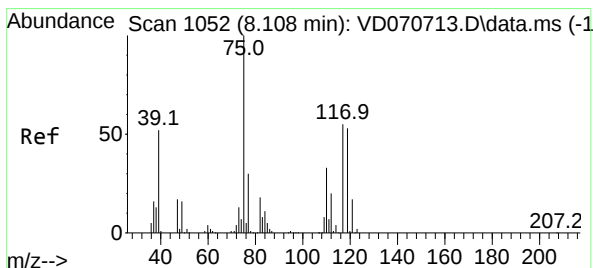
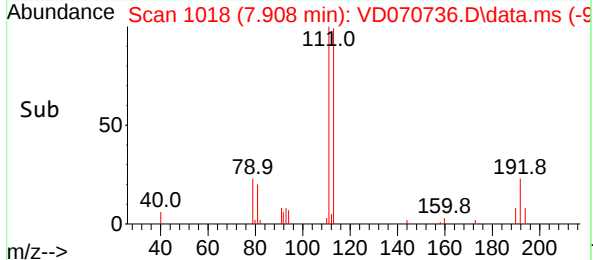
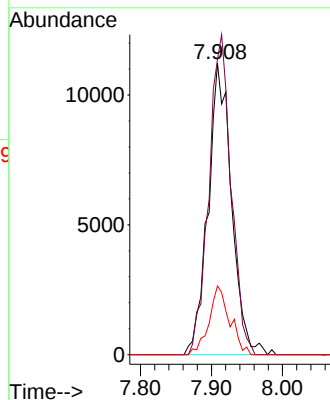
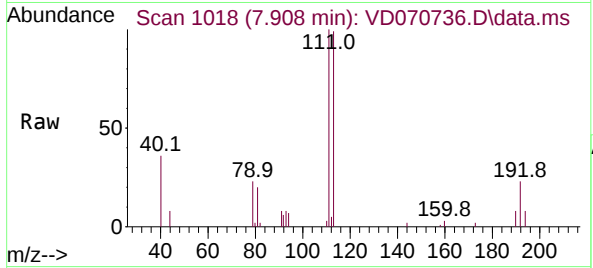




#35
Dibromofluoromethane
Concen: 66.703 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

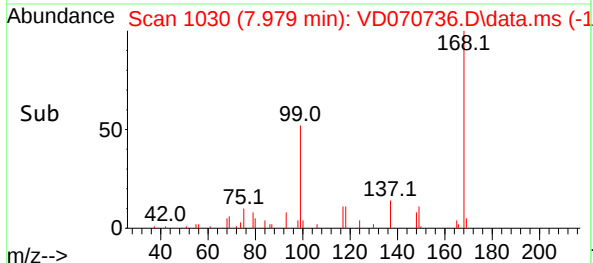
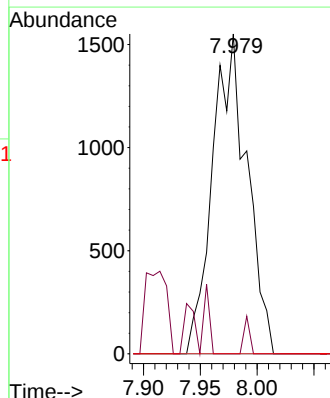
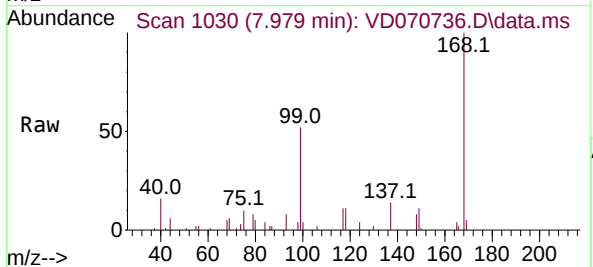
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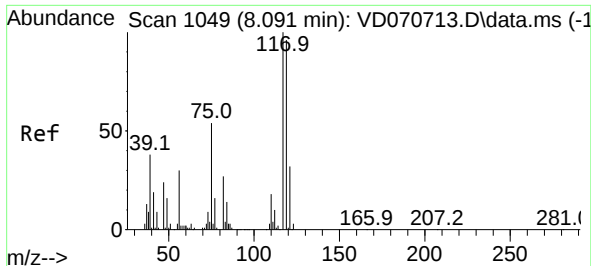
Tgt Ion:113 Resp: 25806
Ion Ratio Lower Upper
113 100
111 103.9 83.1 124.7
192 20.9 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.843 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 75 Resp: 3260
Ion Ratio Lower Upper
75 100
110 2.0 17.2 51.6#
77 0.0 24.2 36.4#



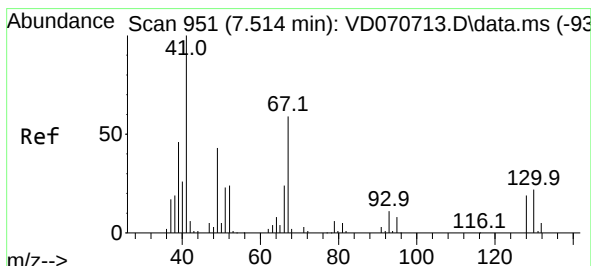
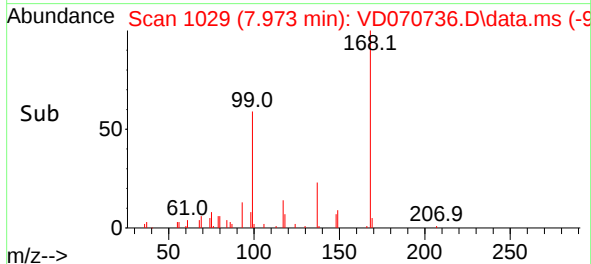
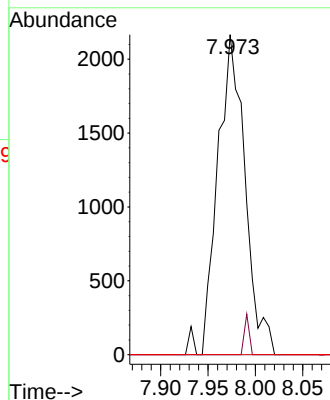
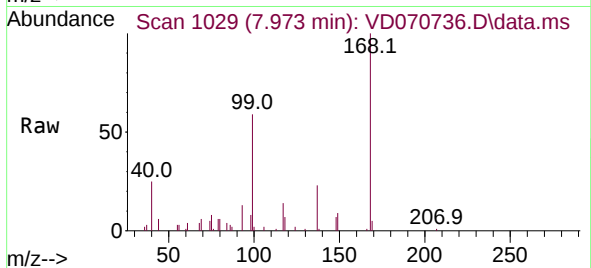


#38

Carbon Tetrachloride
Concen: 6.794 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

Instrument :
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TEST-BA-(1)

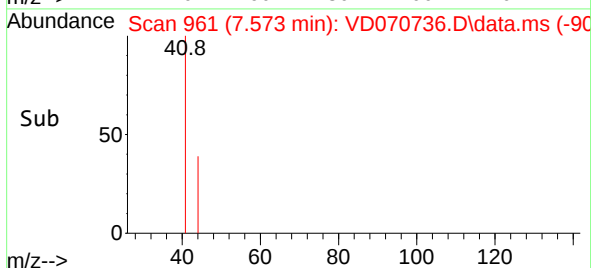
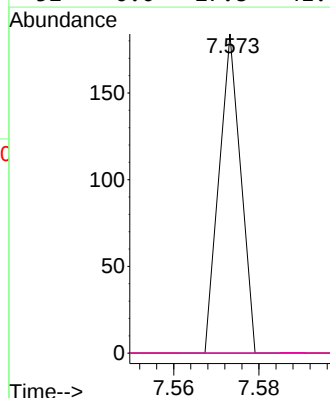
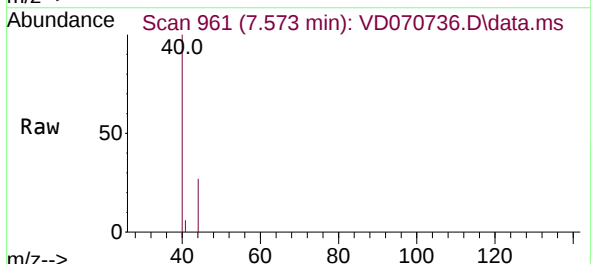
Tgt Ion:117 Resp: 4380
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 25.4 38.0#

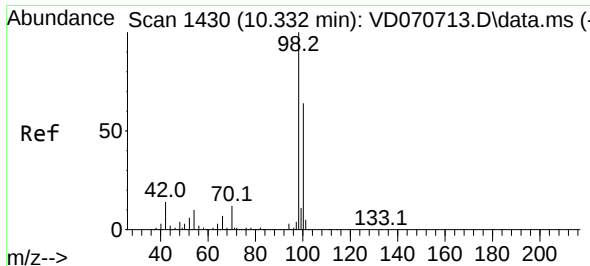


#41

Methacrylonitrile
Concen: 2.299 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.059 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 41 Resp: 65
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#

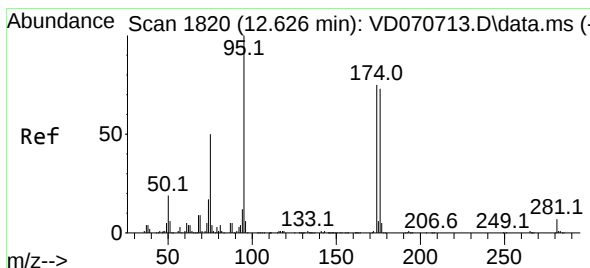
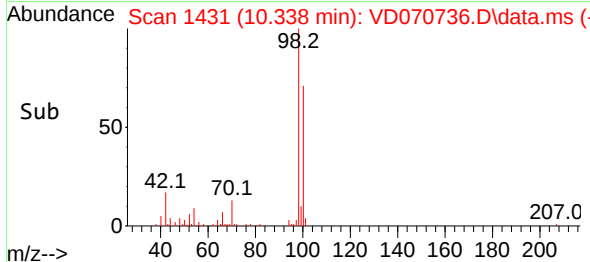
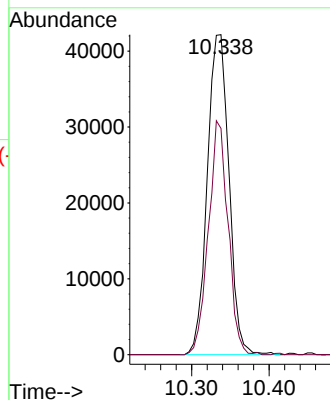
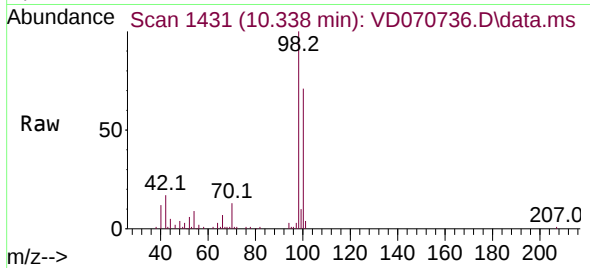




#50
Toluene-d8
Concen: 55.141 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

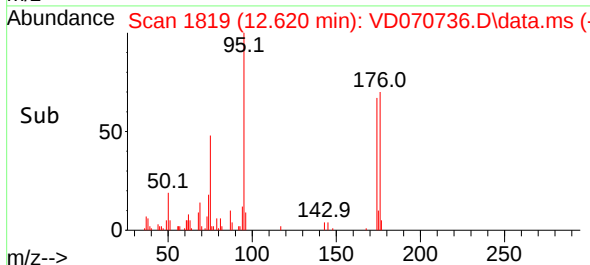
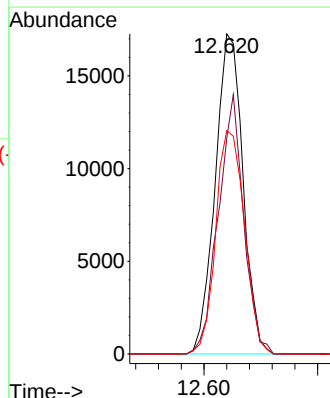
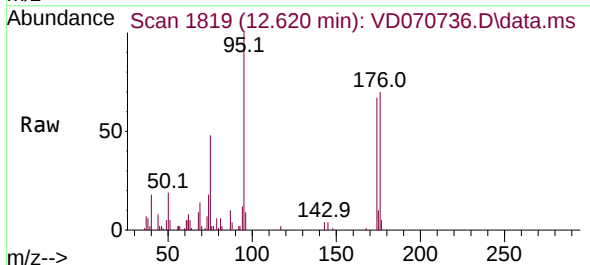
Instrument :
MSVOA_D
ClientSampleId :
TEST-BA-(1)

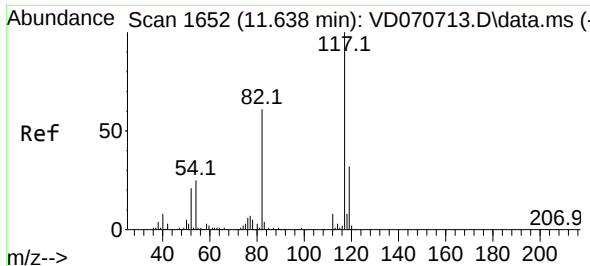
Tgt Ion: 98 Resp: 81777
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 57.340 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 95 Resp: 29281
Ion Ratio Lower Upper
95 100
174 73.7 0.0 138.0
176 72.4 0.0 135.6

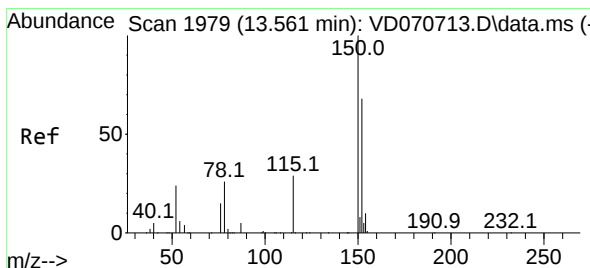
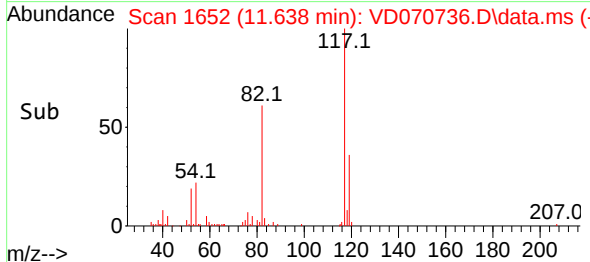
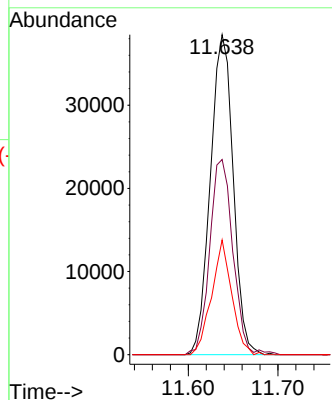
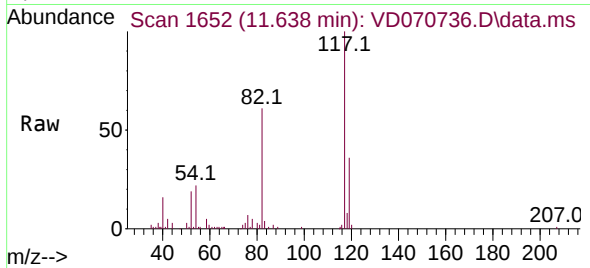




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

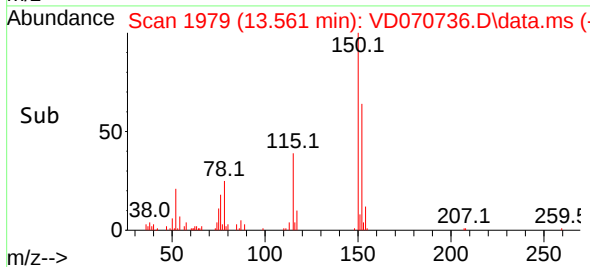
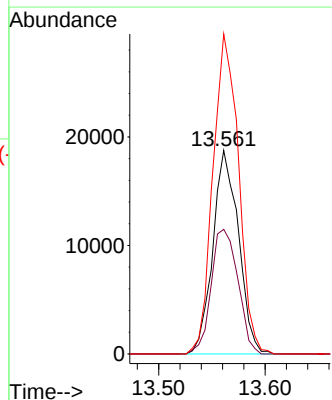
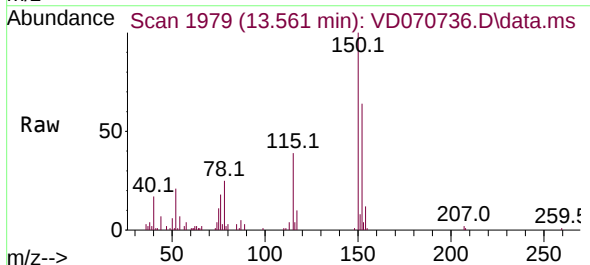
Instrument :
MSVOA_D
ClientSampleId :
TEST-BA-(1)

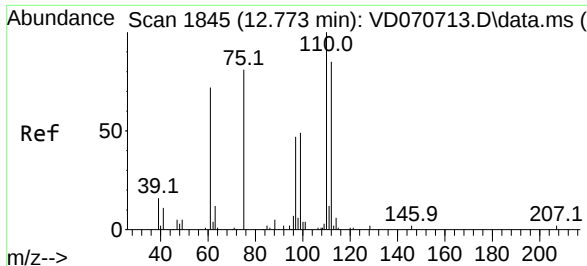
Tgt Ion:	117	Resp:	68000
Ion	Ratio	Lower	Upper
117	100		
82	61.0	45.4	68.2
119	35.9	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

Tgt Ion:	152	Resp:	31307
Ion	Ratio	Lower	Upper
152	100		
115	63.9	31.9	95.7
150	157.0	0.0	350.0

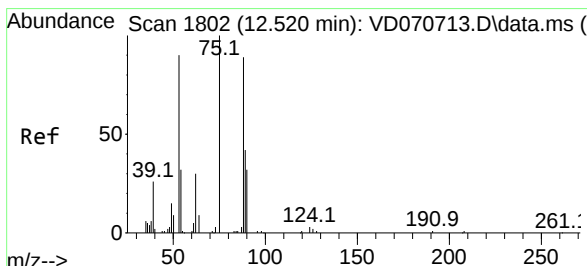
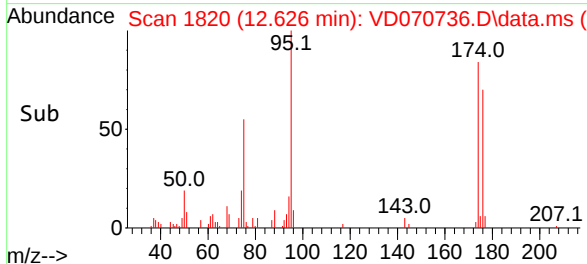
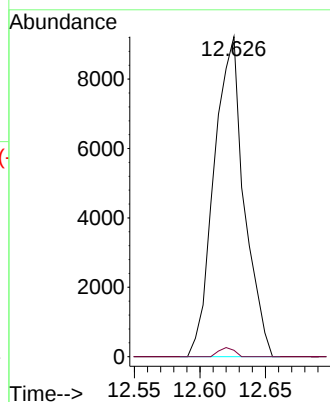
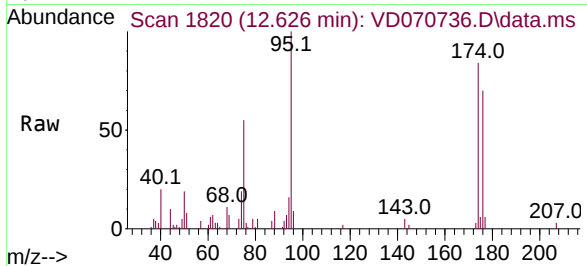




#76
1,2,3-Trichloropropane
Concen: 54.307 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

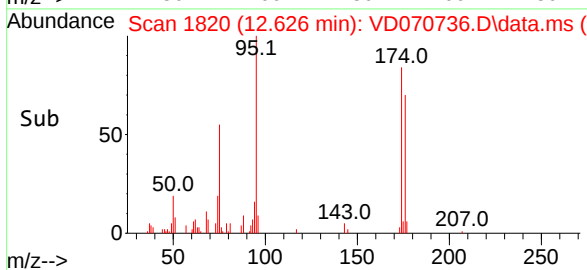
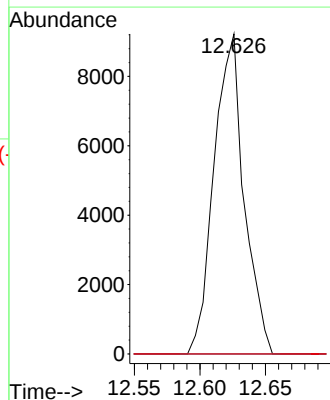
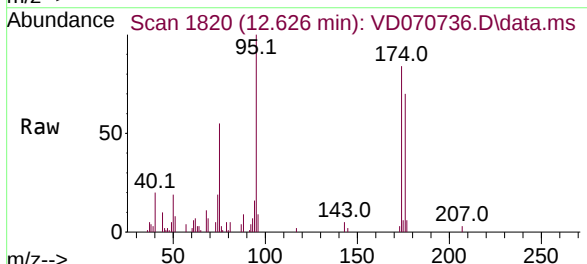
Instrument :
MSVOA_D
ClientSampleId :
TEST-BA-(1)

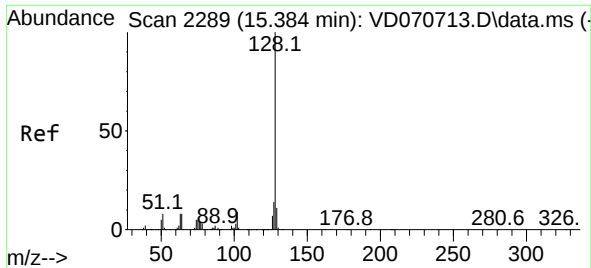
Tgt Ion: 75 Resp: 14689
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.950 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

Tgt Ion: 75 Resp: 14689
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 4.859 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD070736.D
Acq: 18 Oct 2021 18:09

Instrument :
MSVOA_D
ClientSampleId :
TEST-BA-(1)

Tgt Ion:128	Resp:	74
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.9 16.3#
129	0.0	8.6 12.8#

