

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070741.D
 Acq On : 18 Oct 2021 20:32
 Operator : VA/SY
 Sample : M4260-04
 Misc : 5.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 19 06:42:57 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)

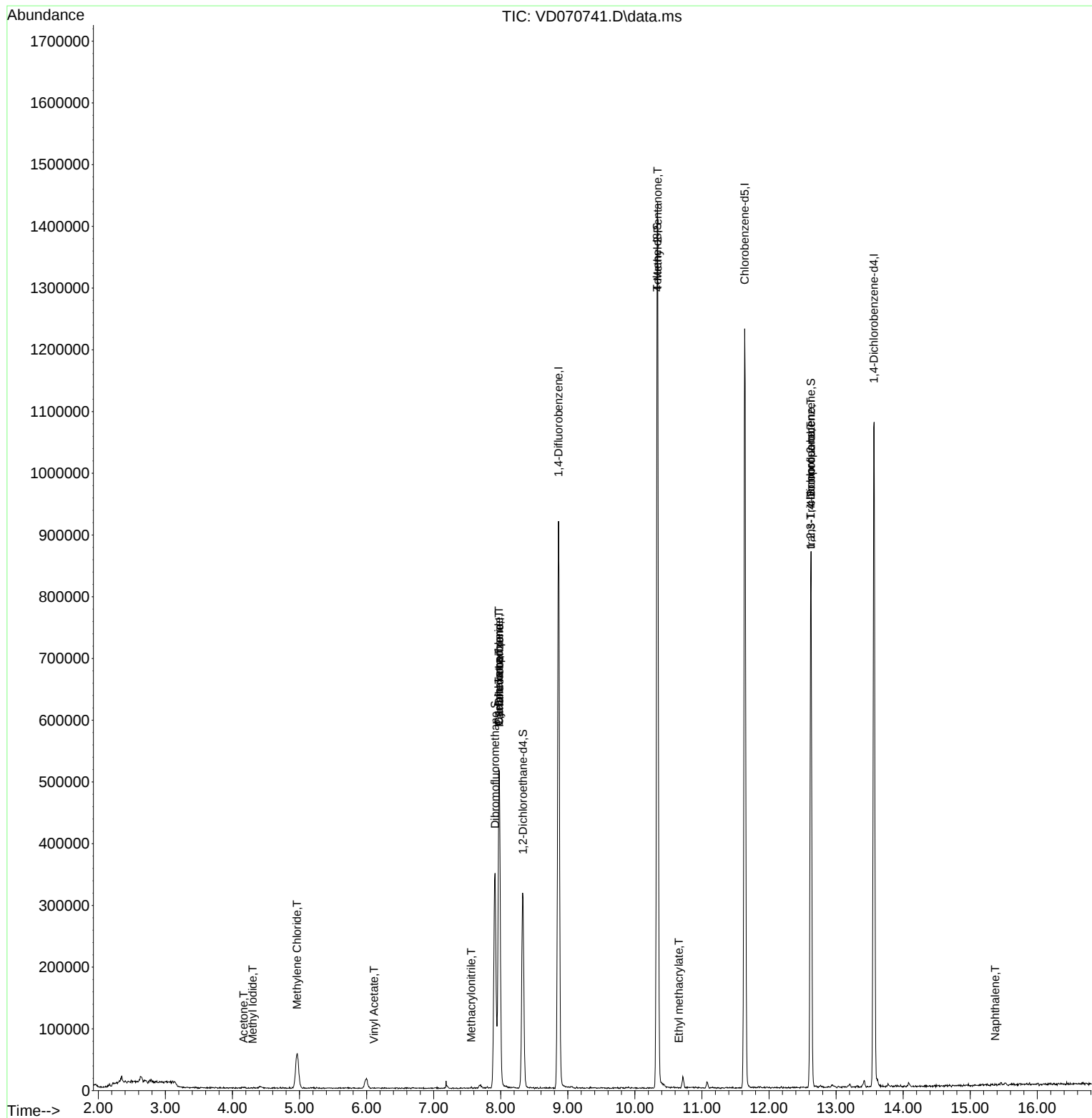
Internal Standards						
1) Pentafluorobenzene	7.979	168	364491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	728265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	697955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	285745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	253268	58.666	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.340%			
35) Dibromofluoromethane	7.914	113	247501	53.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.160%			
50) Toluene-d8	10.332	98	971824	54.367	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.740%			
62) 4-Bromofluorobenzene	12.626	95	293767	47.728	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.460%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	72	3.334	ug/l #	38
16) Acetone	4.168	43	2179	2.093	ug/l #	40
20) Methylene Chloride	4.962	84	42312	1.798	ug/l #	90
23) Vinyl Acetate	6.109	43	56	16.336	ug/l #	69
31) Cyclohexane	7.973	56	9748	1.116	ug/l #	11
36) 1,1-Dichloropropene	7.973	75	35896	4.425	ug/l #	49
38) Carbon Tetrachloride	7.973	117	40802	5.251	ug/l #	15
41) Methacrylonitrile	7.561	41	134	2.004	ug/l #	16
51) 4-Methyl-2-Pentanone	10.338	43	5085	1.505	ug/l #	1
56) Ethyl methacrylate	10.655	69	93	4.171	ug/l #	32
76) 1,2,3-Trichloropropane	12.620	75	151168	61.233	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	151168	134.120	ug/l #	17
95) Naphthalene	15.373	128	91	4.802	ug/l #	69

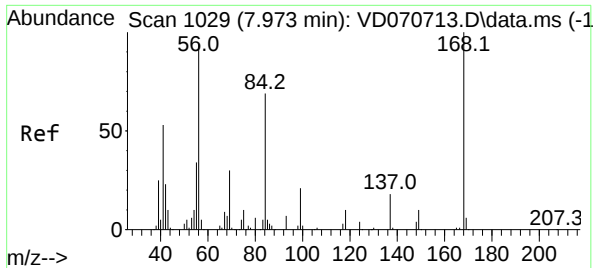
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
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TEST-DB-(1)

Quant Time: Oct 19 06:42:57 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

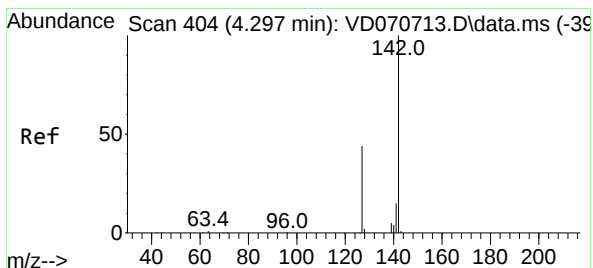
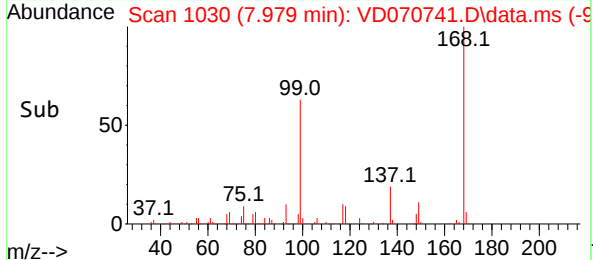
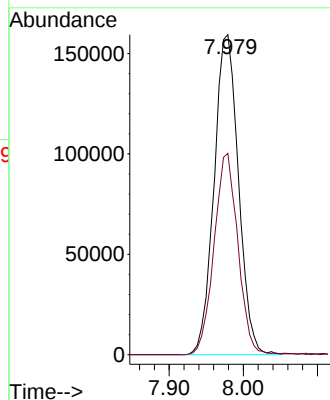
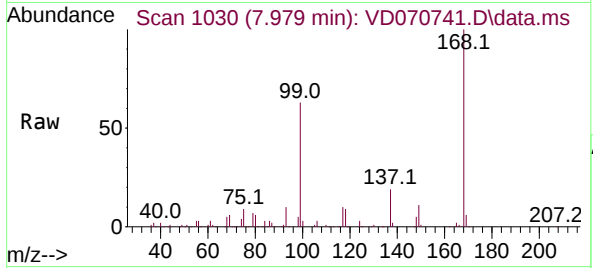




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

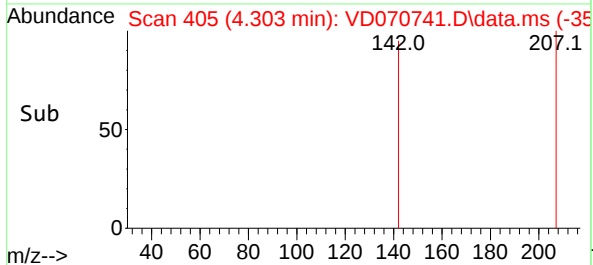
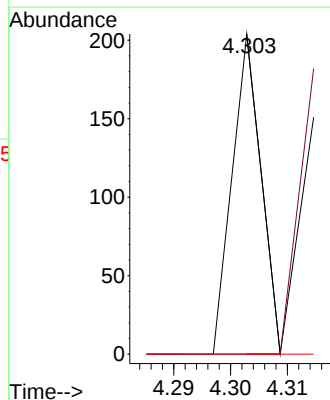
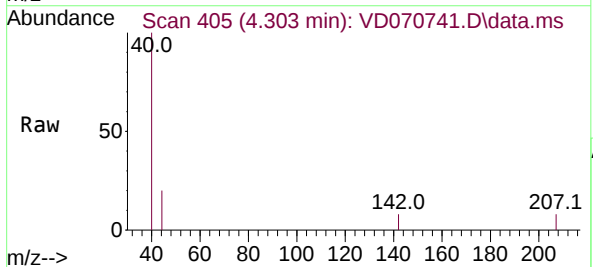
Instrument :
MSVOA_D
ClientSampleId :
TEST-DB-(1)

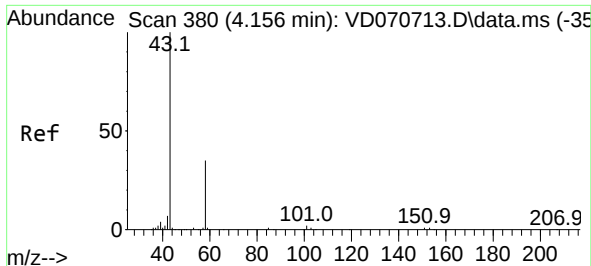
Tgt Ion:168 Resp: 364491
Ion Ratio Lower Upper
168 100
99 62.9 51.4 77.0



#10
Methyl Iodide
Concen: 3.334 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

Tgt Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 12.1 18.1#

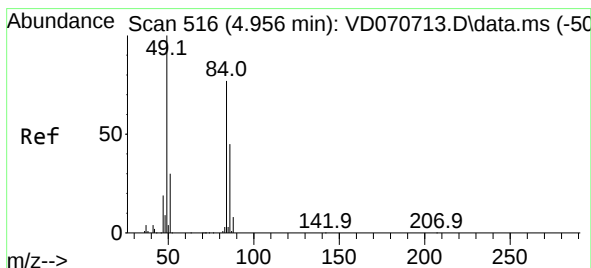
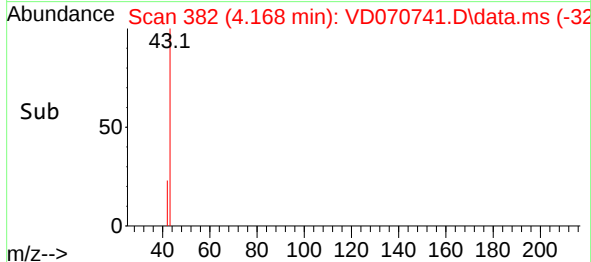
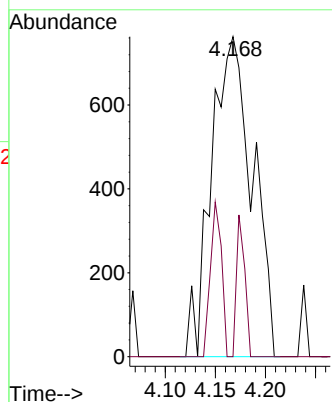
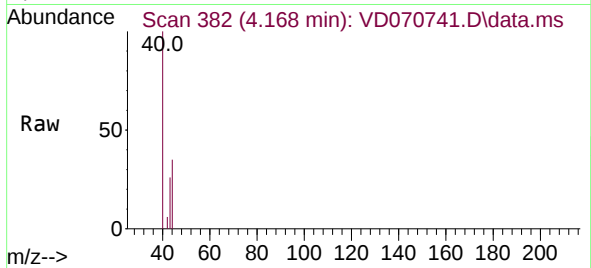




#16
Acetone
Concen: 2.093 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

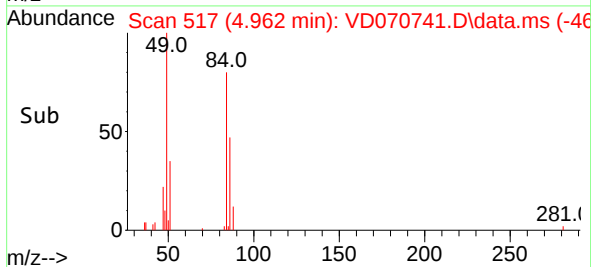
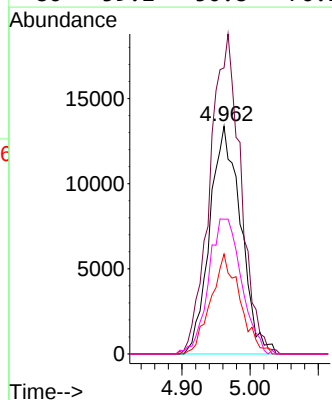
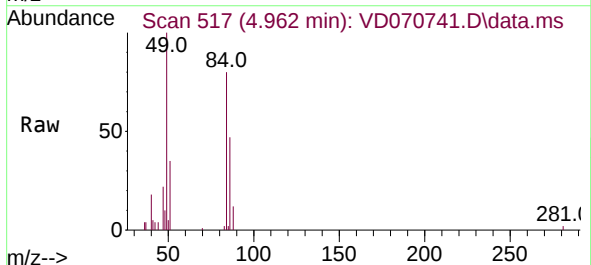
Instrument :
MSVOA_D
ClientSampleId :
TEST-DB-(1)

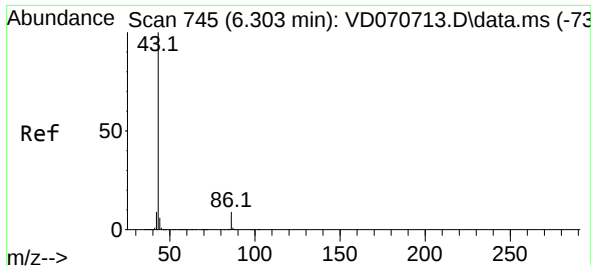
Tgt Ion: 43 Resp: 2179
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#20
Methylene Chloride
Concen: 1.798 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

Tgt Ion: 84 Resp: 42312
Ion Ratio Lower Upper
84 100
49 125.7 91.4 137.2
51 43.8 26.7 40.1#
86 59.2 50.8 76.2

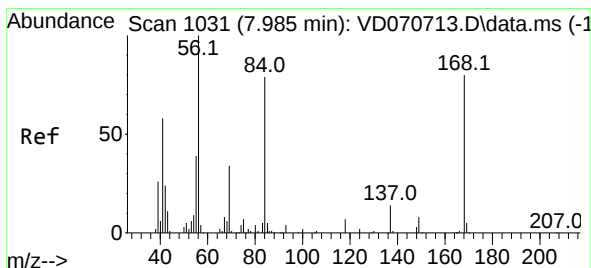
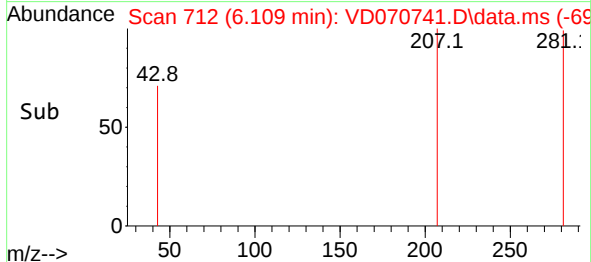
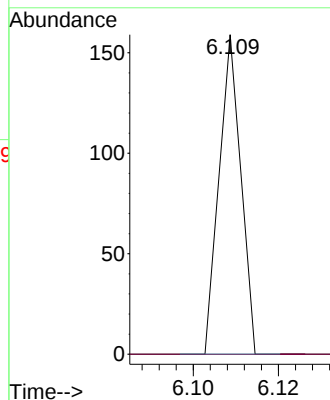
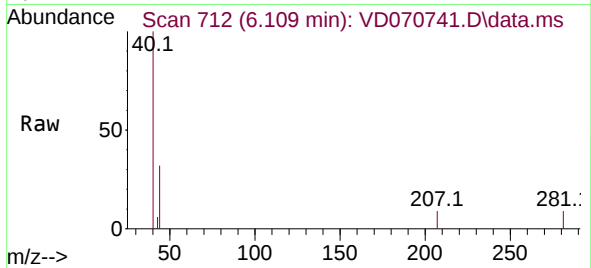




#23
 Vinyl Acetate
 Concen: 16.336 ug/l
 RT: 6.109 min Scan# 712
 Delta R.T. -0.194 min
 Lab File: VD070741.D
 Acq: 18 Oct 2021 20:32

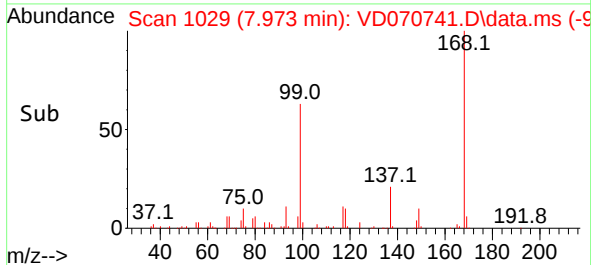
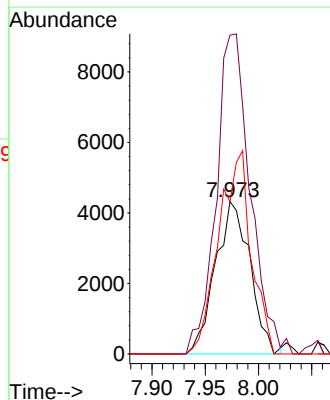
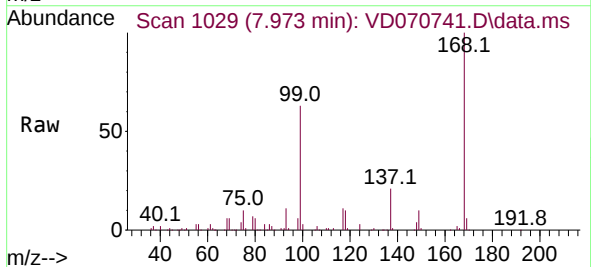
Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-DB-(1)

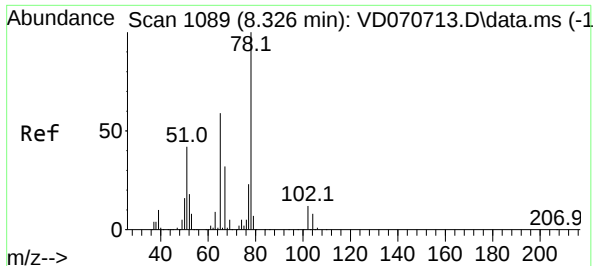
Tgt Ion: 43 Resp: 56
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#31
 Cyclohexane
 Concen: 1.116 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.012 min
 Lab File: VD070741.D
 Acq: 18 Oct 2021 20:32

Tgt Ion: 56 Resp: 9748
 Ion Ratio Lower Upper
 56 100
 69 209.3 27.4 41.2#
 84 100.1 73.6 110.4



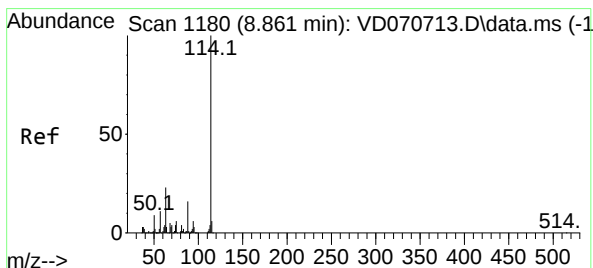
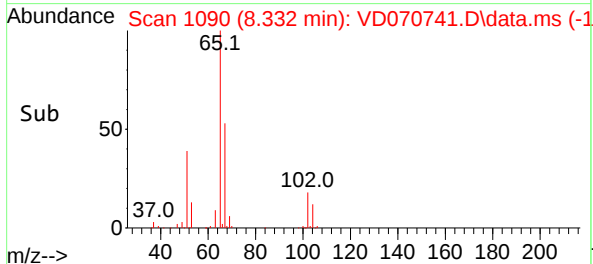
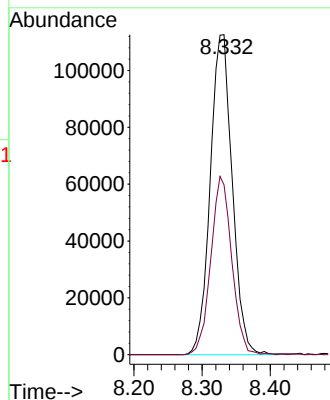
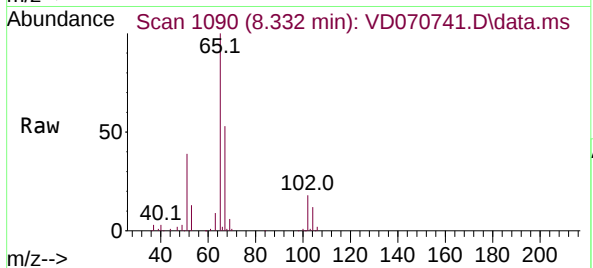


#33

1,2-Dichloroethane-d4
Concen: 58.666 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

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

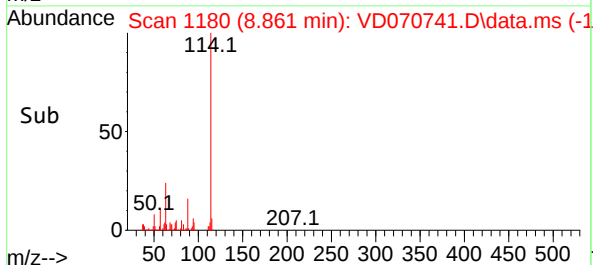
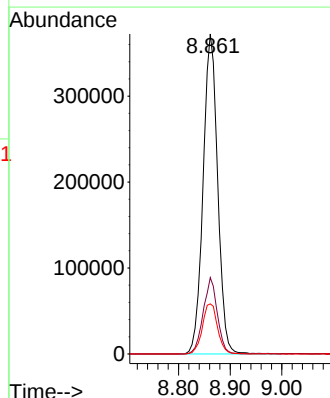
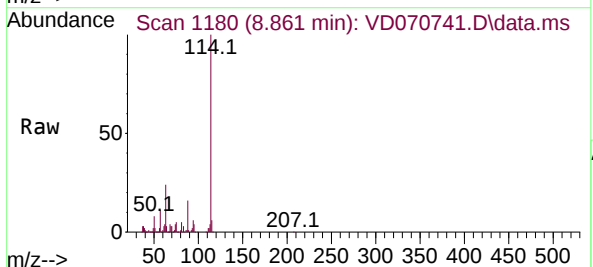
Tgt Ion: 65 Resp: 253268
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.2

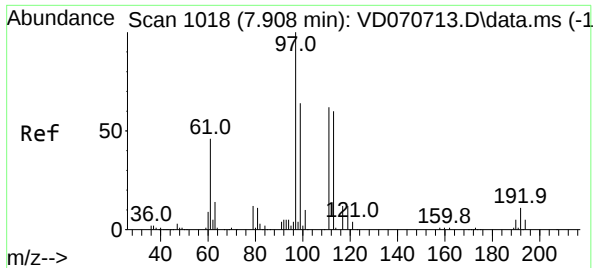


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

Tgt Ion: 114 Resp: 728265
Ion Ratio Lower Upper
114 100
63 23.8 0.0 41.8
88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.076 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD070741.D

Acq: 18 Oct 2021 20:32

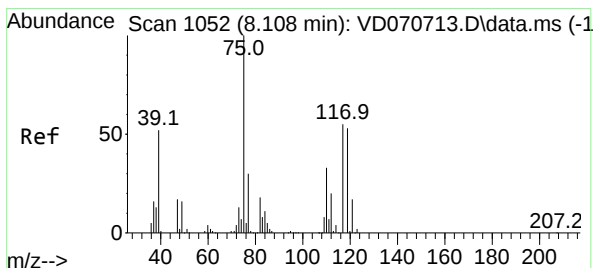
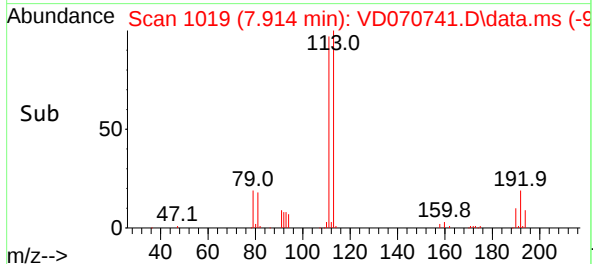
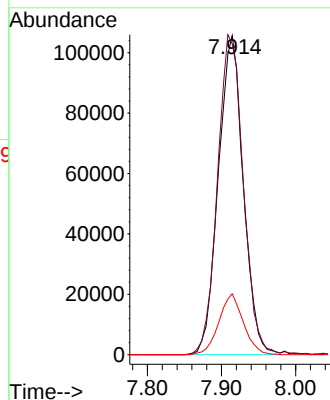
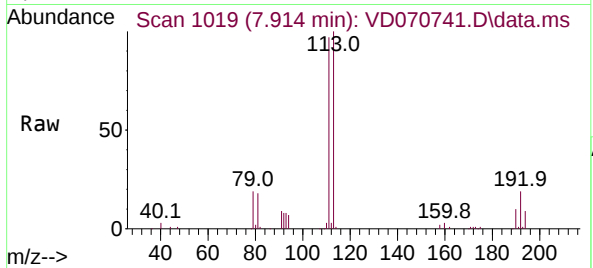
Tgt Ion:113 Resp: 247501

Ion Ratio Lower Upper

113 100

111 103.4 83.1 124.7

192 18.7 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.425 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD070741.D

Acq: 18 Oct 2021 20:32

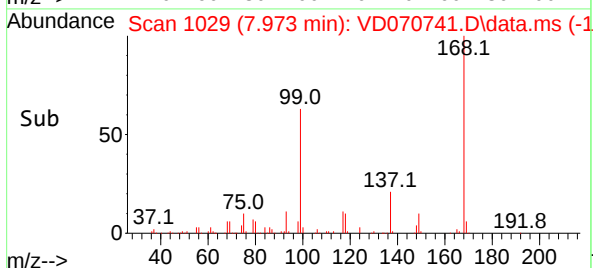
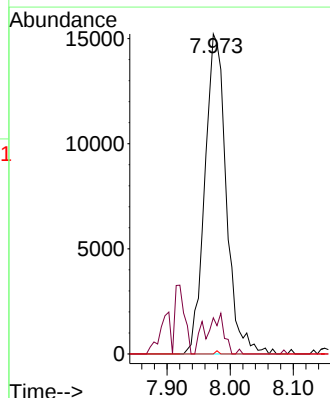
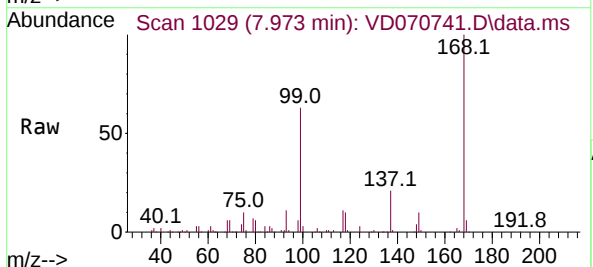
Tgt Ion: 75 Resp: 35896

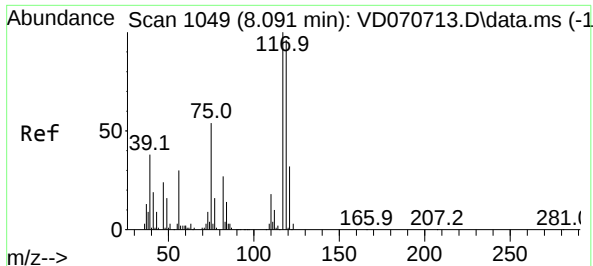
Ion Ratio Lower Upper

75 100

110 7.4 17.2 51.6#

77 0.1 24.2 36.4#



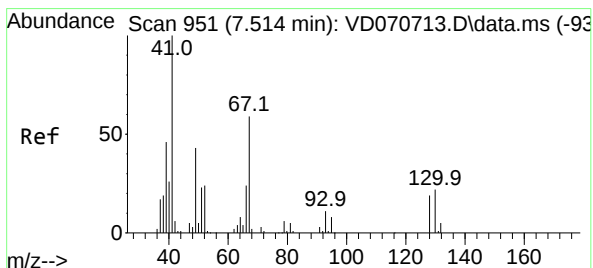
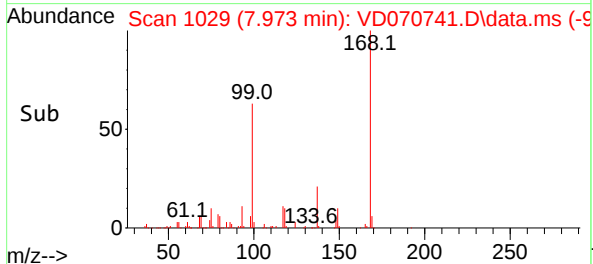
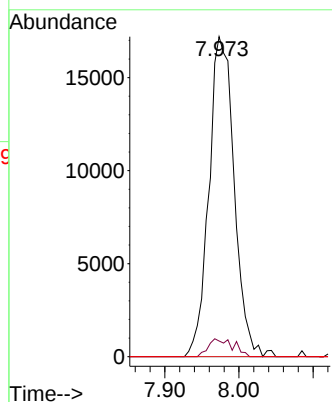
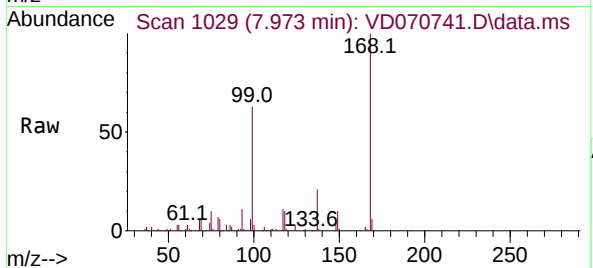


#38

Carbon Tetrachloride
Concen: 5.251 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.117 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

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

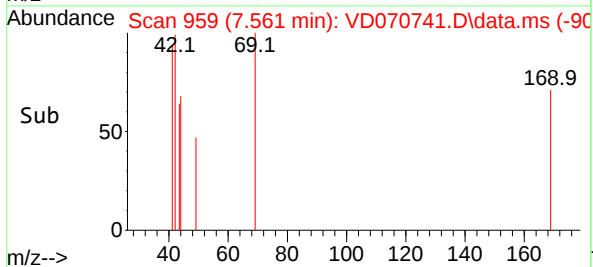
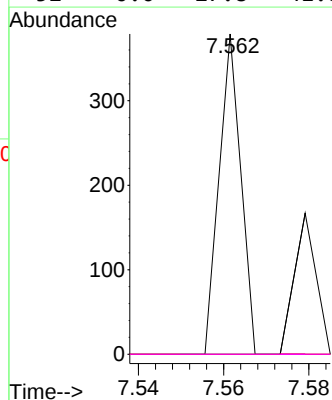
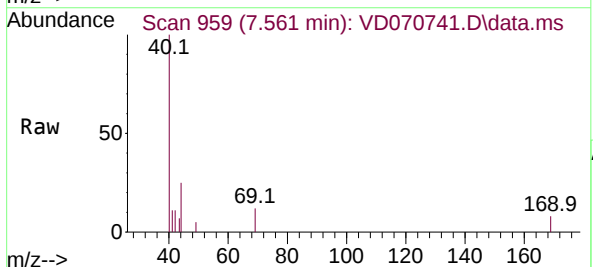
Tgt Ion:117 Resp: 40802
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.0#
121 0.0 25.4 38.0#

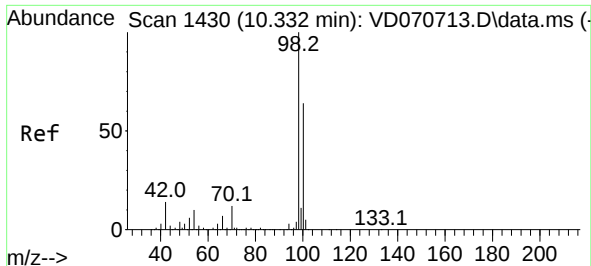


#41

Methacrylonitrile
Concen: 2.004 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.047 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

Tgt Ion: 41 Resp: 134
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#

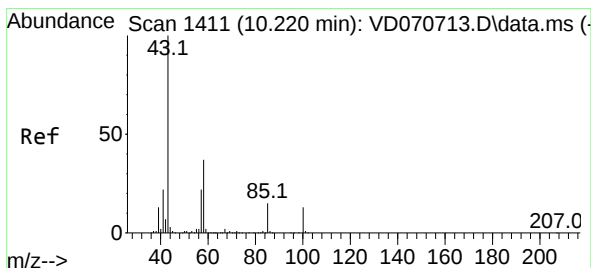
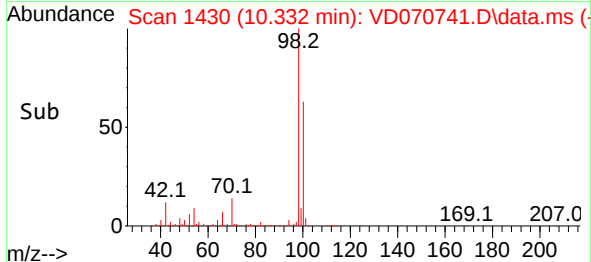
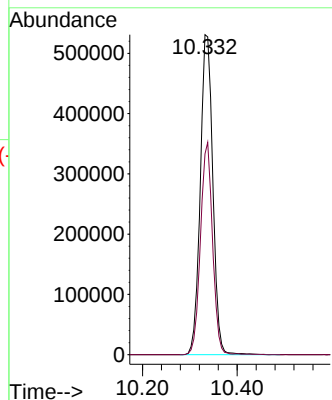
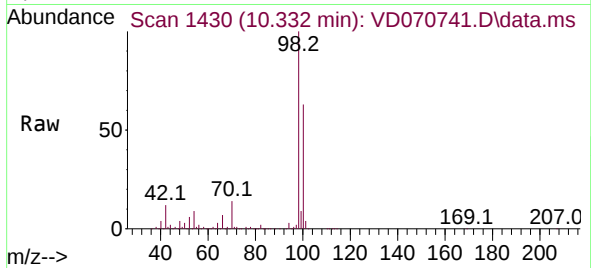




#50
Toluene-d8
Concen: 54.367 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

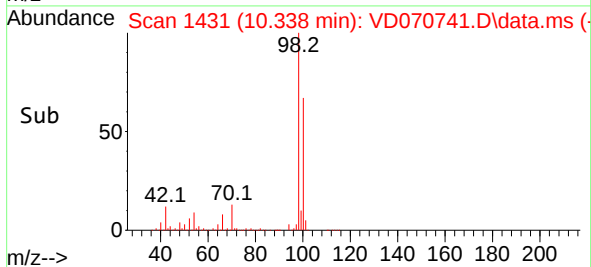
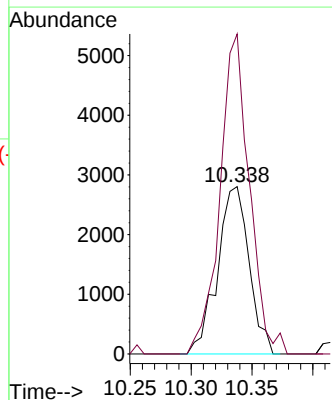
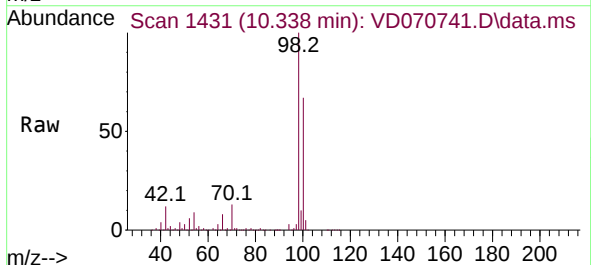
Instrument :
MSVOA_D
ClientSampleId :
TEST-DB-(1)

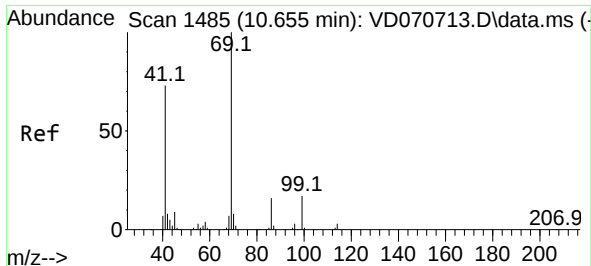
Tgt Ion: 98 Resp: 971824
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.505 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

Tgt Ion: 43 Resp: 5085
Ion Ratio Lower Upper
43 100
58 177.5 35.0 52.6#

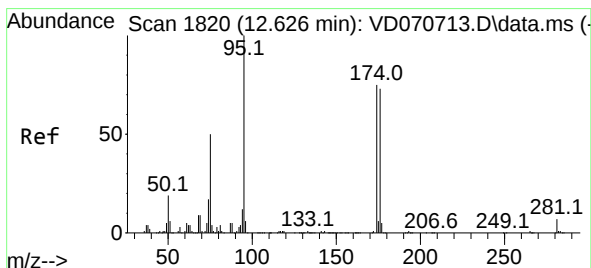
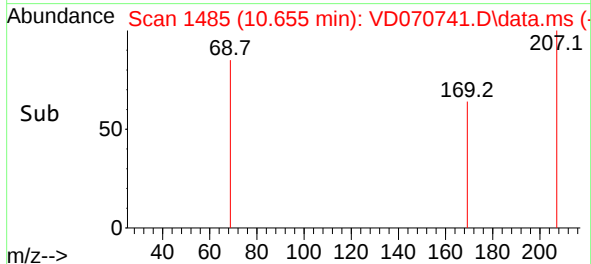
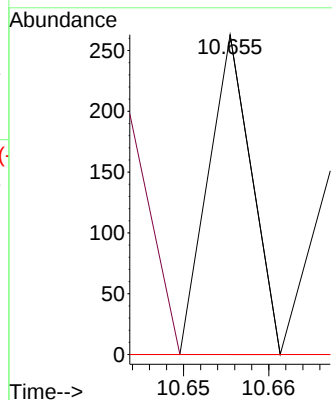
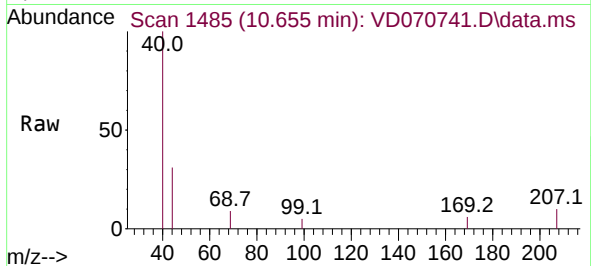




#56
Ethyl methacrylate
Concen: 4.171 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

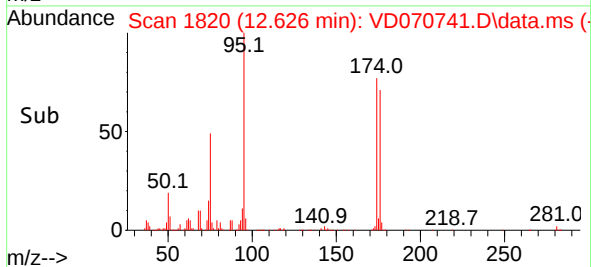
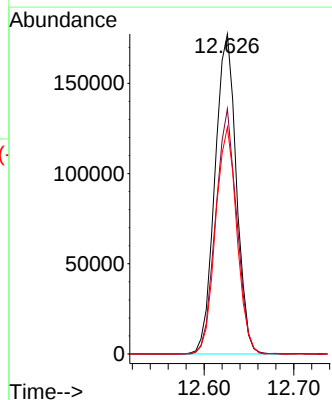
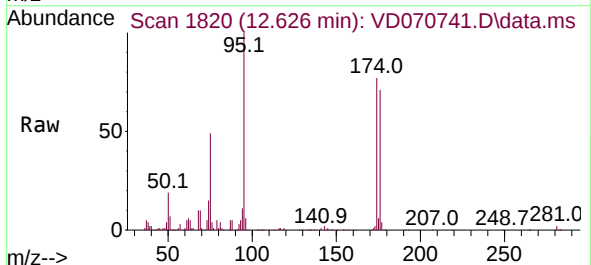
Instrument :
MSVOA_D
ClientSampleId :
TEST-DB-(1)

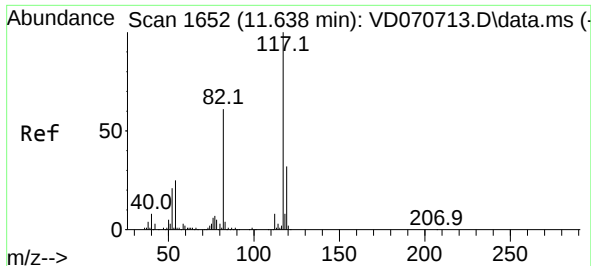
Tgt Ion:	69	Resp:	93
Ion	Ratio	Lower	Upper
69	100		
41	0.0	44.7	67.1#
39	0.0	19.5	29.3#



#62
4-Bromofluorobenzene
Concen: 47.728 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

Tgt Ion:	95	Resp:	293767
Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	138.0
176	70.6	0.0	135.6

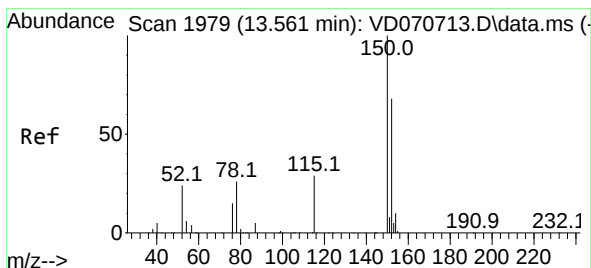
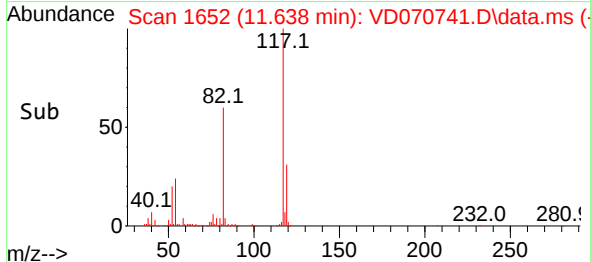
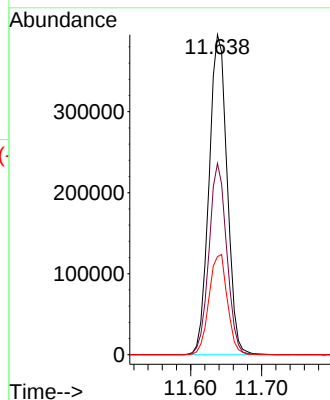
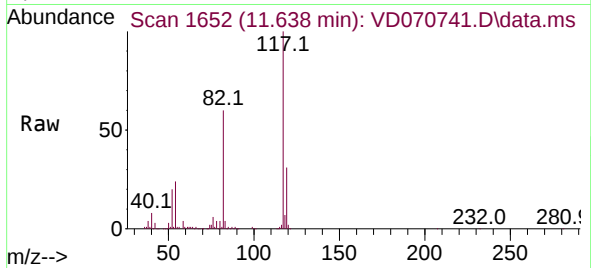




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

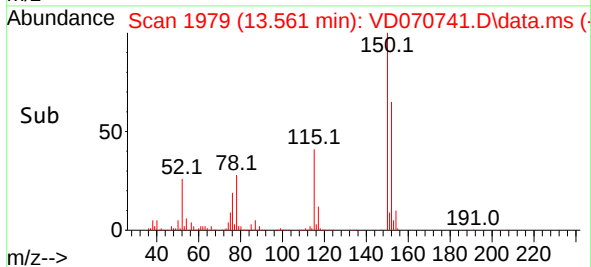
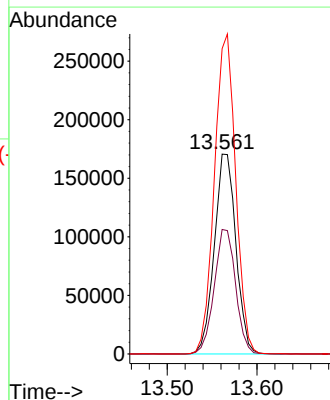
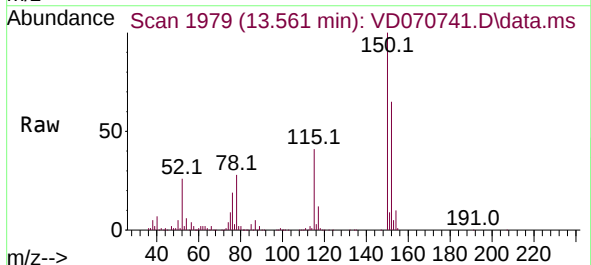
Instrument :
MSVOA_D
ClientSampleId :
TEST-DB-(1)

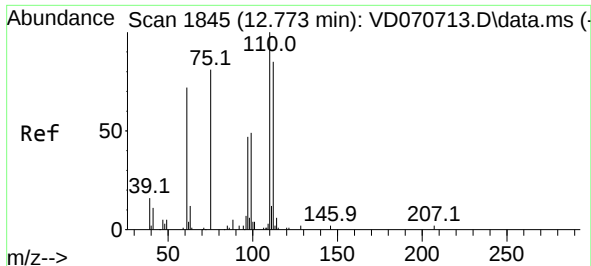
Tgt Ion:117 Resp: 697955
Ion Ratio Lower Upper
117 100
82 59.8 45.4 68.2
119 30.6 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

Tgt Ion:152 Resp: 285745
Ion Ratio Lower Upper
152 100
115 61.6 31.9 95.7
150 157.2 0.0 350.0

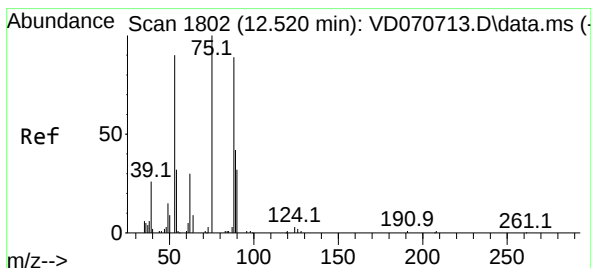
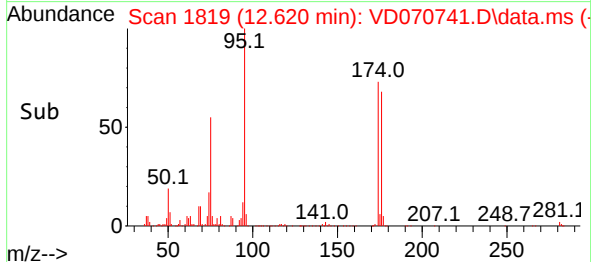
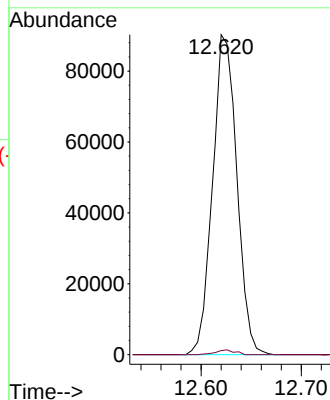
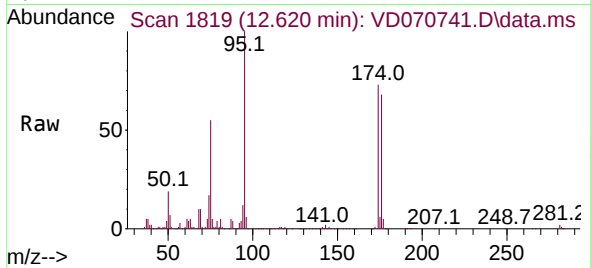




#76
1,2,3-Trichloropropane
Concen: 61.233 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

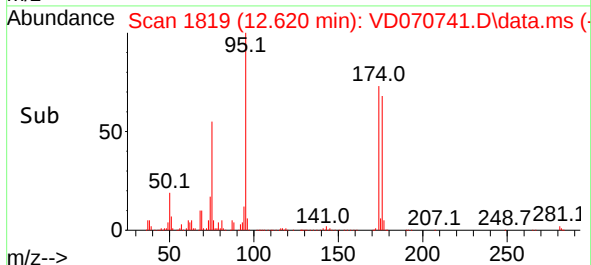
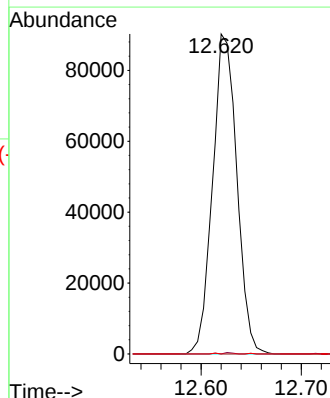
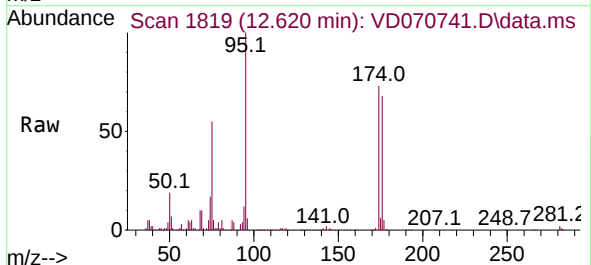
Instrument :
MSVOA_D
ClientSampleId :
TEST-DB-(1)

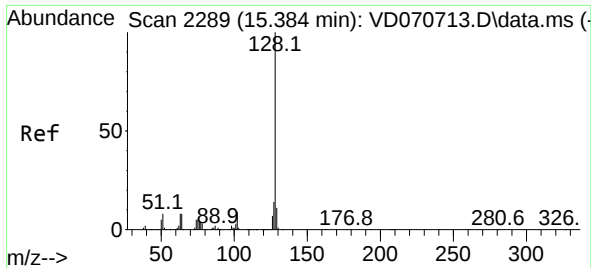
Tgt Ion: 75 Resp: 151168
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.120 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

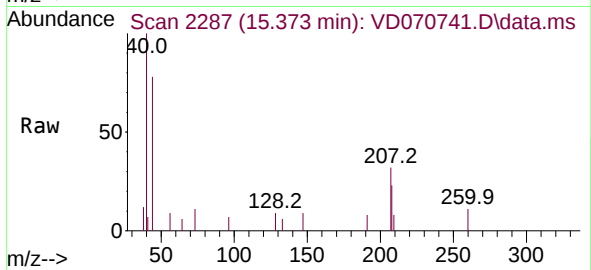
Tgt Ion: 75 Resp: 151168
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.1 35.3 52.9#





#95
Naphthalene
Concen: 4.802 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.011 min
Lab File: VD070741.D
Acq: 18 Oct 2021 20:32

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



Tgt Ion:128 Resp: 91
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

