

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070740.D
 Acq On : 18 Oct 2021 20:03
 Operator : VA/SY
 Sample : M4260-01
 Misc : 5.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Oct 19 06:42:47 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)

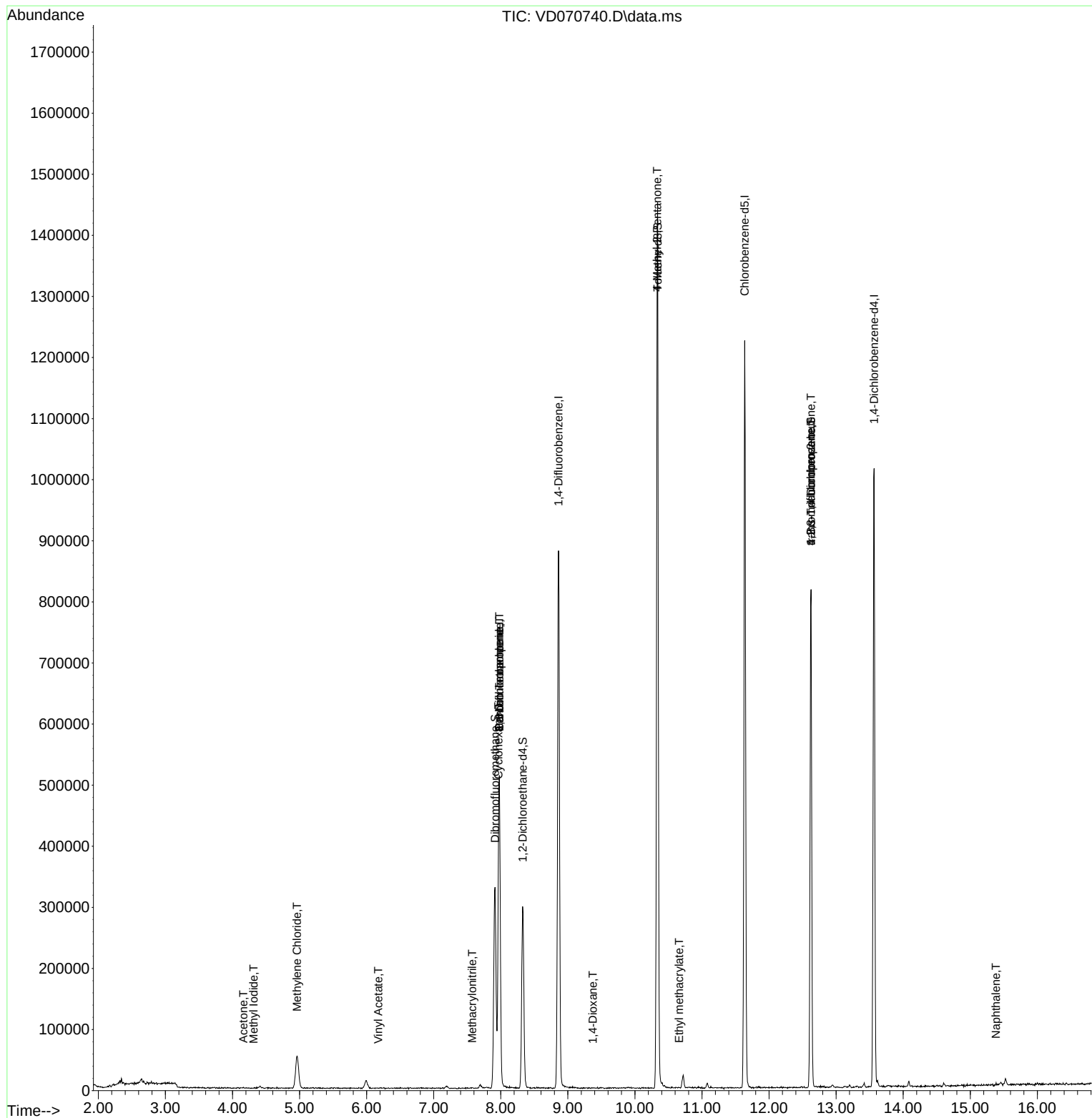
Internal Standards						
1) Pentafluorobenzene	7.979	168	363190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	715783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	669932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	263124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	234222	54.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.900%	
35) Dibromofluoromethane	7.914	113	237784	51.882	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.760%	
50) Toluene-d8	10.338	98	960343	54.661	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.320%	
62) 4-Bromofluorobenzene	12.626	95	273520	45.214	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.420%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	61	3.332	ug/l #	38
16) Acetone	4.162	43	1826	1.760	ug/l	96
20) Methylene Chloride	4.962	84	40252	1.378	ug/l	88
23) Vinyl Acetate	6.173	43	83	16.339	ug/l #	69
31) Cyclohexane	7.967	56	9918	1.140	ug/l #	14
36) 1,1-Dichloropropene	7.979	75	34750	4.358	ug/l #	50
38) Carbon Tetrachloride	7.979	117	39088	5.118	ug/l #	16
41) Methacrylonitrile	7.573	41	56	1.969	ug/l #	22
49) 1,4-Dioxane	9.373	88	68	2.180	ug/l #	23
51) 4-Methyl-2-Pentanone	10.332	43	4134	1.245	ug/l #	1
56) Ethyl methacrylate	10.661	69	210	4.191	ug/l #	31
76) 1,2,3-Trichloropropane	12.626	75	137535	60.501	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	137535	132.515	ug/l #	18
95) Naphthalene	15.384	128	104	4.804	ug/l #	69

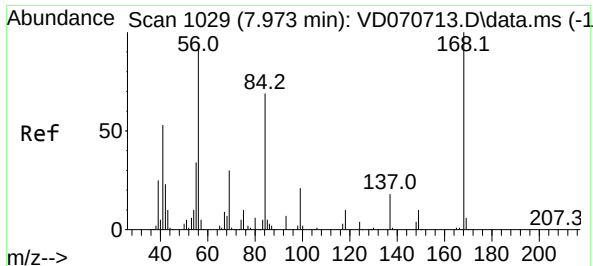
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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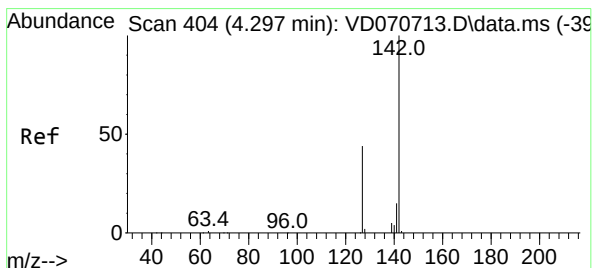
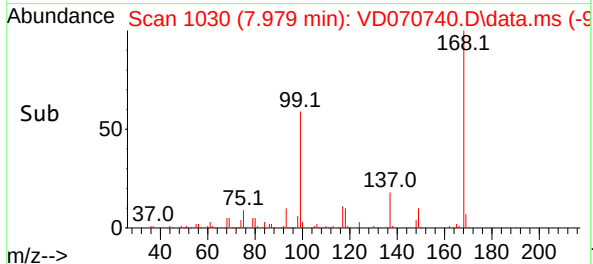
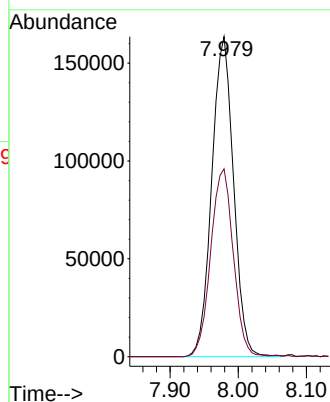
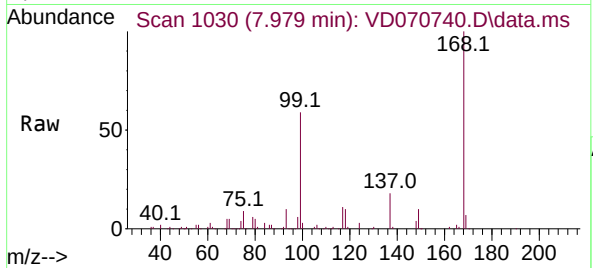




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03

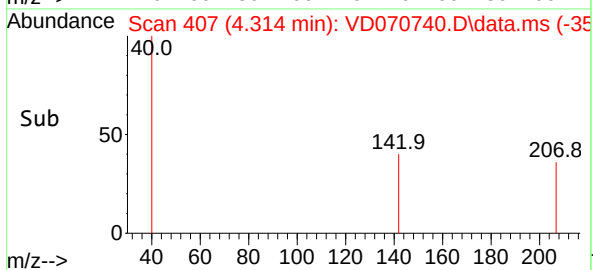
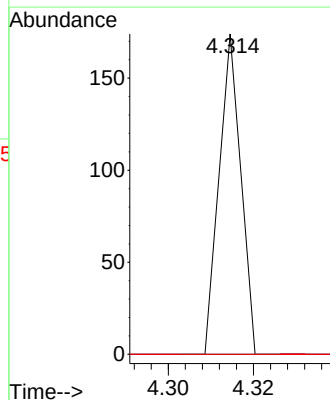
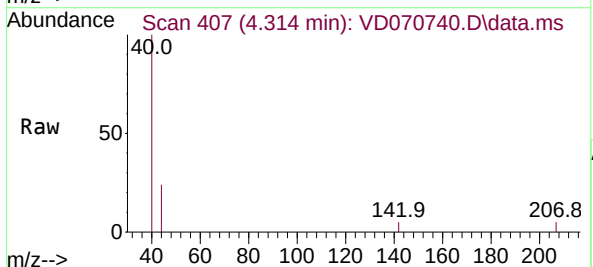
Instrument :
MSVOA_D
ClientSampleId :
TEST-DA-(1)

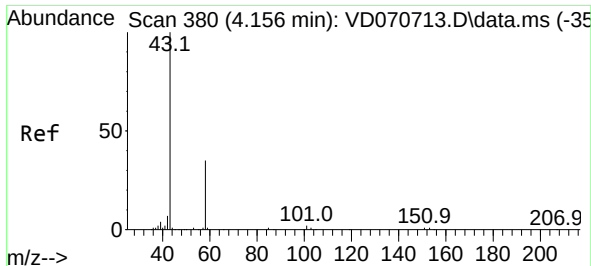
Tgt Ion:168 Resp: 363190
Ion Ratio Lower Upper
168 100
99 58.7 51.4 77.0



#10
Methyl Iodide
Concen: 3.332 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.017 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03

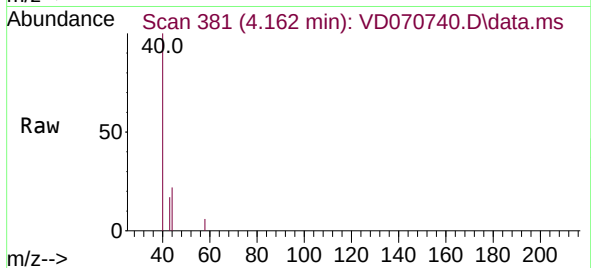
Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 12.1 18.1#



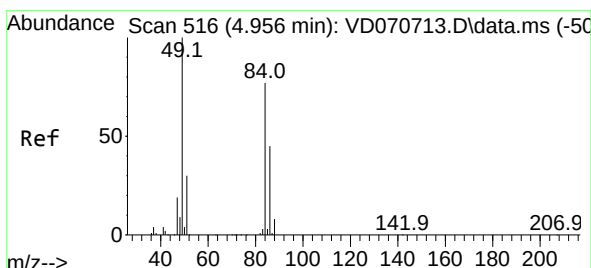
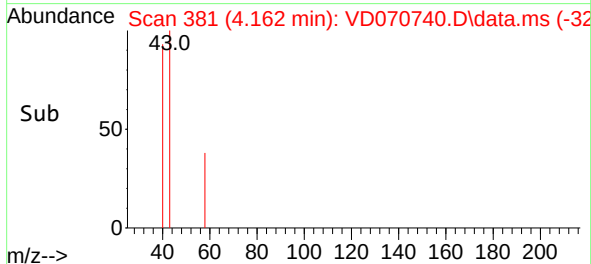
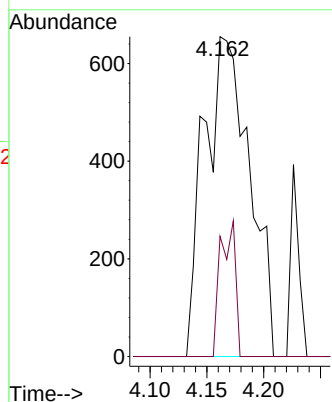


#16
Acetone
Concen: 1.760 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03

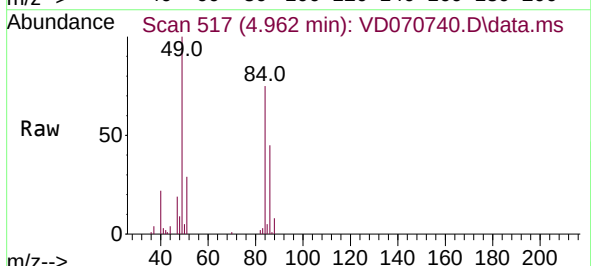
Instrument :
MSVOA_D
ClientSampleId :
TEST-DA-(1)



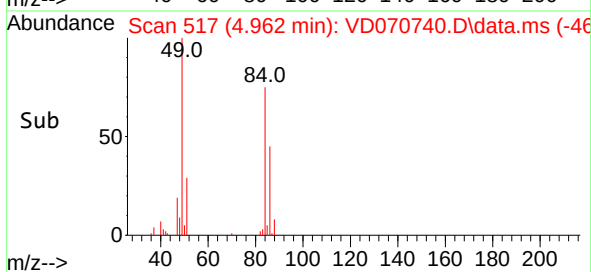
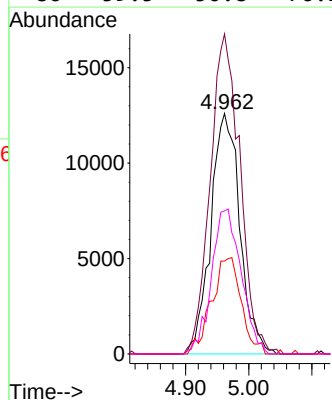
Tgt Ion: 43 Resp: 1826
Ion Ratio Lower Upper
43 100
58 37.6 28.2 42.2

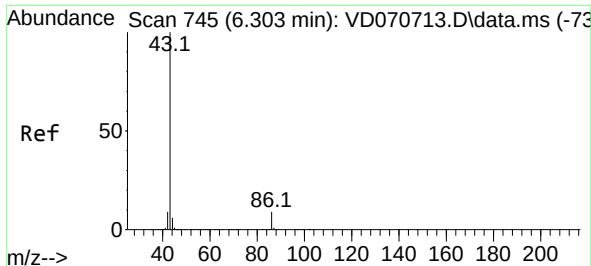


#20
Methylene Chloride
Concen: 1.378 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03



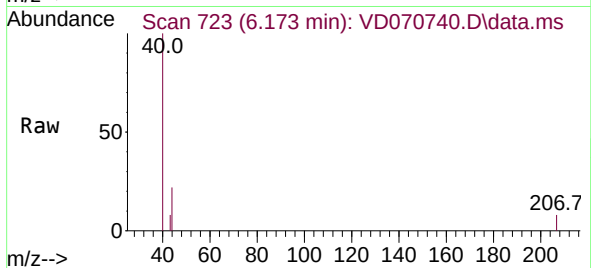
Tgt Ion: 84 Resp: 40252
Ion Ratio Lower Upper
84 100
49 133.1 91.4 137.2
51 38.7 26.7 40.1
86 59.5 50.8 76.2



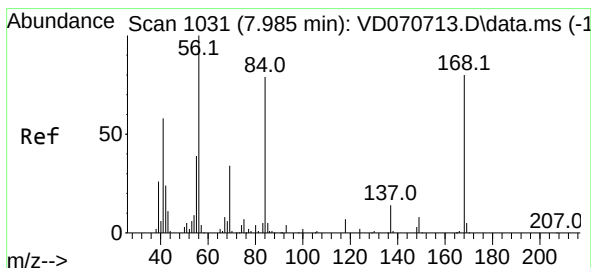
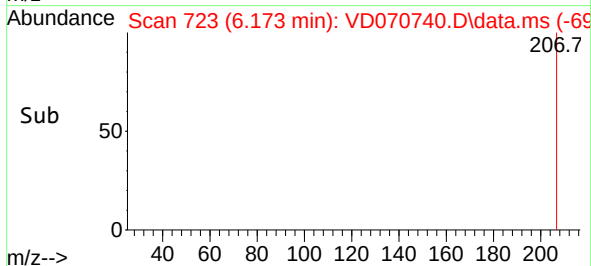
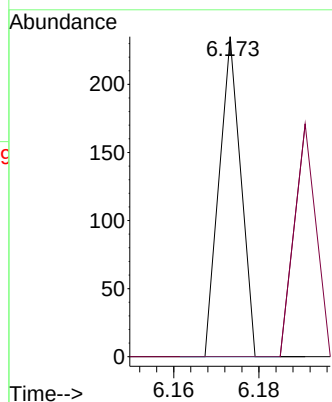


#23
 Vinyl Acetate
 Concen: 16.339 ug/l
 RT: 6.173 min Scan# 723
 Delta R.T. -0.130 min
 Lab File: VD070740.D
 Acq: 18 Oct 2021 20:03

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

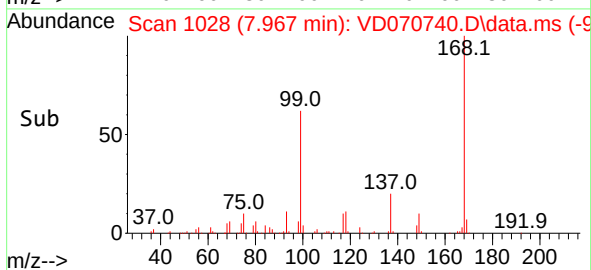
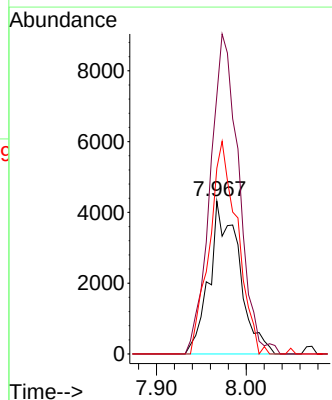
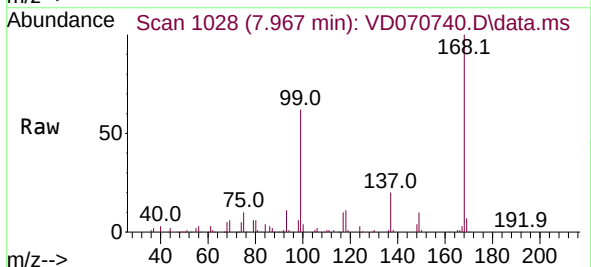


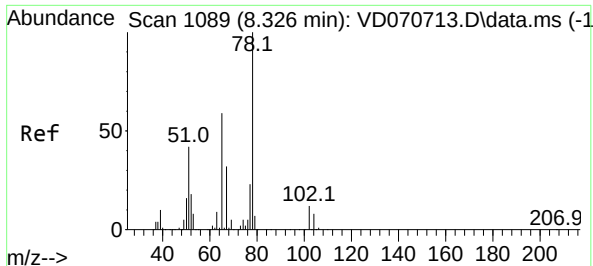
Tgt Ion: 43 Resp: 83
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#31
 Cyclohexane
 Concen: 1.140 ug/l
 RT: 7.967 min Scan# 1028
 Delta R.T. -0.018 min
 Lab File: VD070740.D
 Acq: 18 Oct 2021 20:03

Tgt Ion: 56 Resp: 9918
 Ion Ratio Lower Upper
 56 100
 69 169.2 27.4 41.2#
 84 121.6 73.6 110.4#

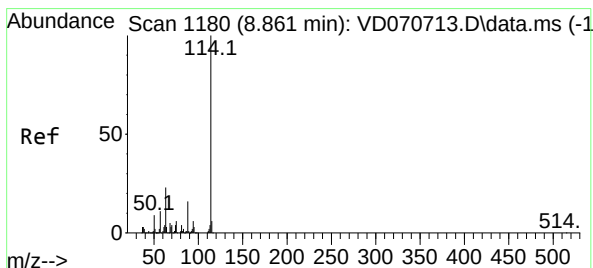
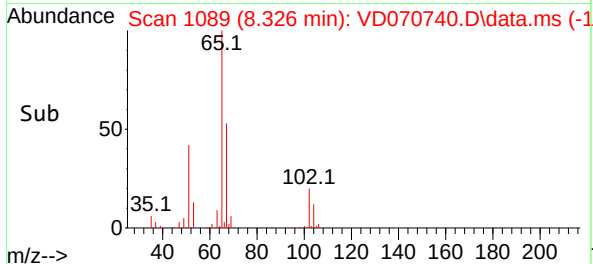
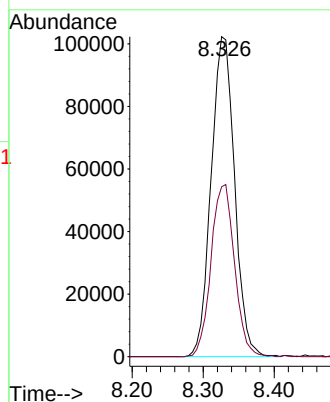
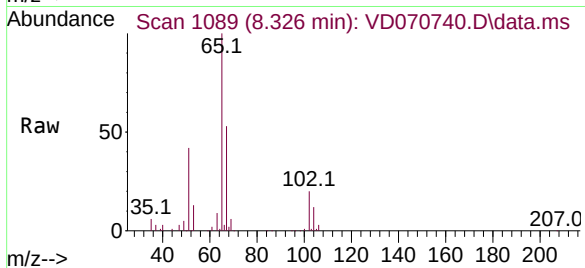




#33
1,2-Dichloroethane-d4
Concen: 54.448 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03

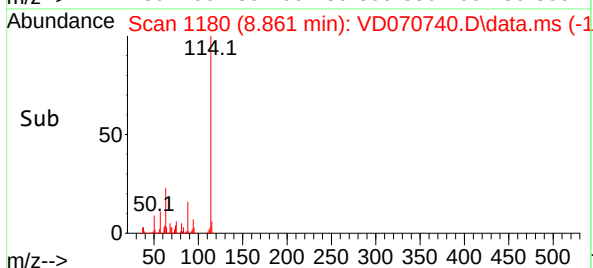
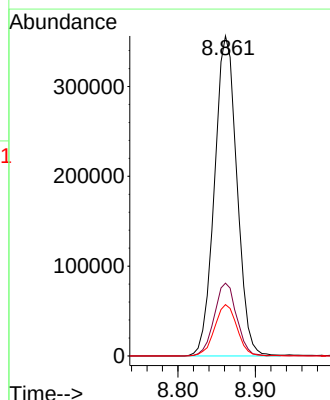
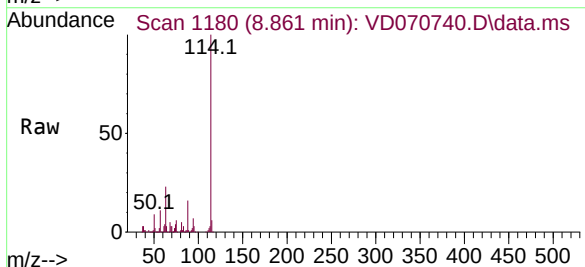
Instrument :
MSVOA_D
ClientSampleId :
TEST-DA-(1)

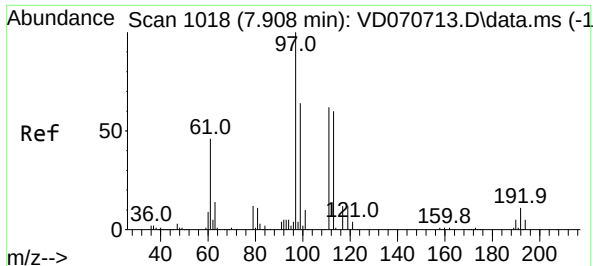
Tgt Ion: 65 Resp: 234222
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03

Tgt Ion: 114 Resp: 715783
Ion Ratio Lower Upper
114 100
63 22.8 0.0 41.8
88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.882 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD070740.D

Acq: 18 Oct 2021 20:03

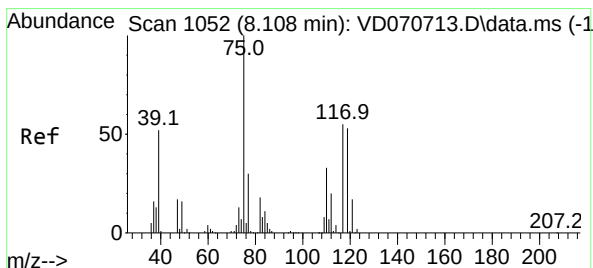
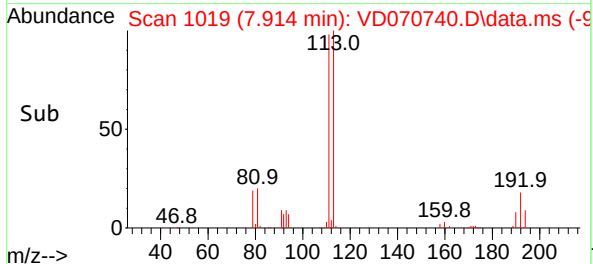
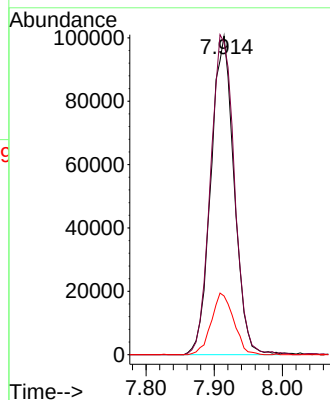
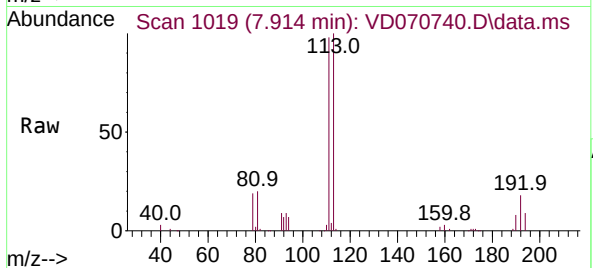
Tgt Ion:113 Resp: 237784

Ion Ratio Lower Upper

113 100

111 103.7 83.1 124.7

192 18.7 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.358 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070740.D

Acq: 18 Oct 2021 20:03

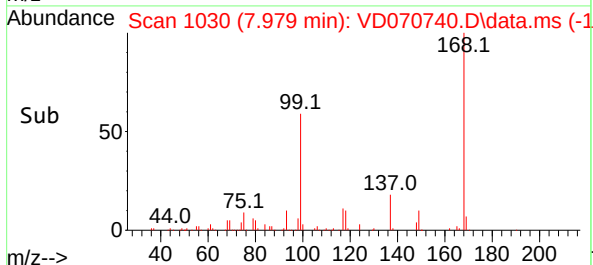
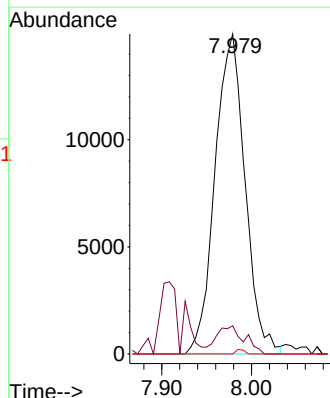
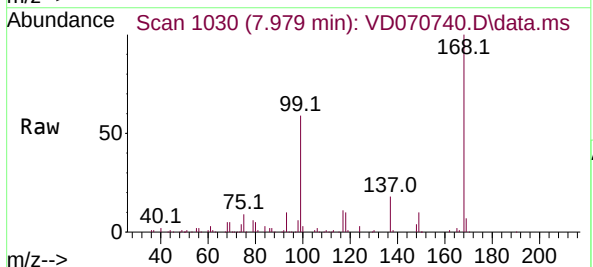
Tgt Ion: 75 Resp: 34750

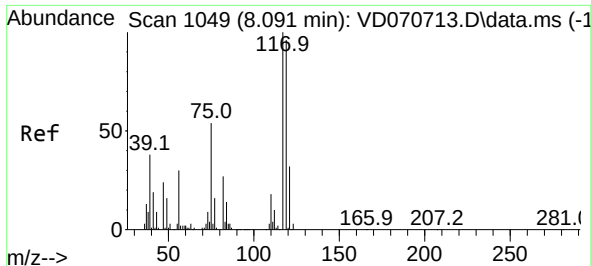
Ion Ratio Lower Upper

75 100

110 8.1 17.2 51.6#

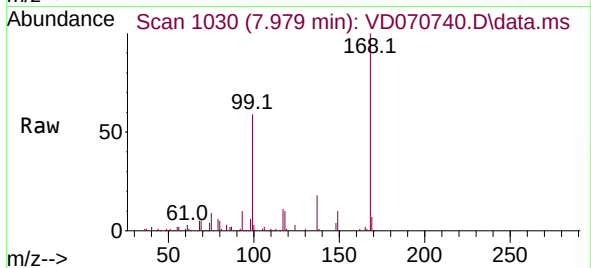
77 0.4 24.2 36.4#



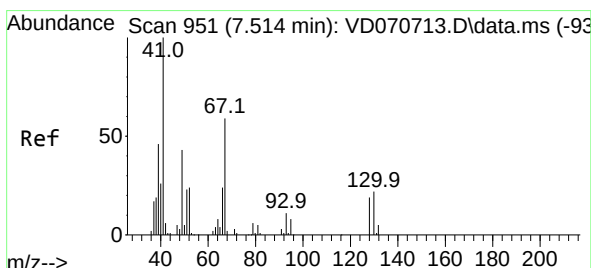
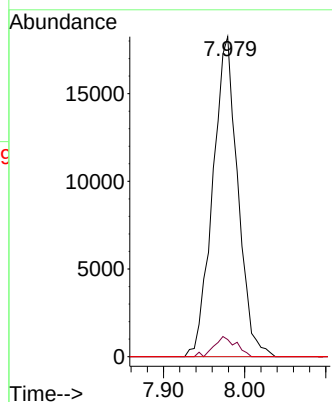
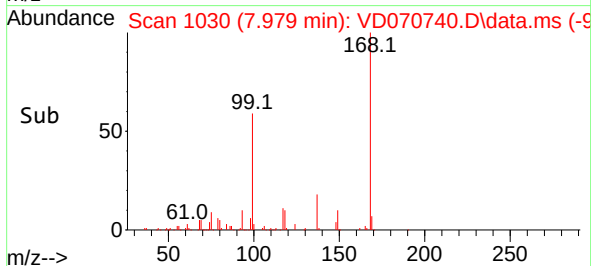


#38
Carbon Tetrachloride
Concen: 5.118 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03

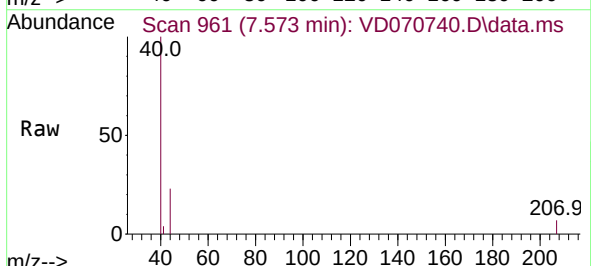
Instrument :
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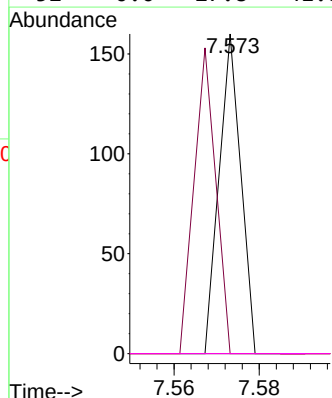
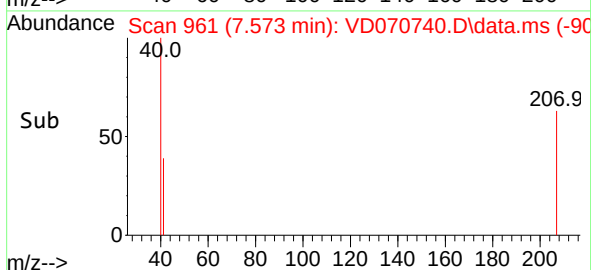
Tgt Ion:117 Resp: 39088
Ion Ratio Lower Upper
117 100
119 5.3 77.4 116.0#
121 0.0 25.4 38.0#

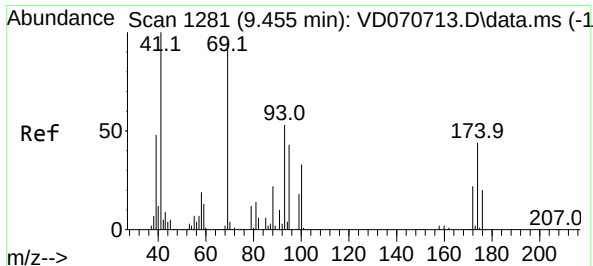


#41
Methacrylonitrile
Concen: 1.969 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.059 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03



Tgt Ion: 41 Resp: 56
Ion Ratio Lower Upper
41 100
39 96.4 45.2 67.8#
67 0.0 75.8 113.6#
52 0.0 27.8 41.8#

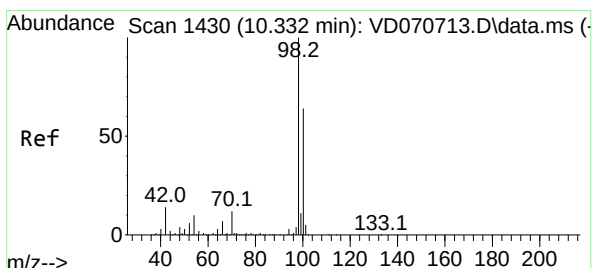
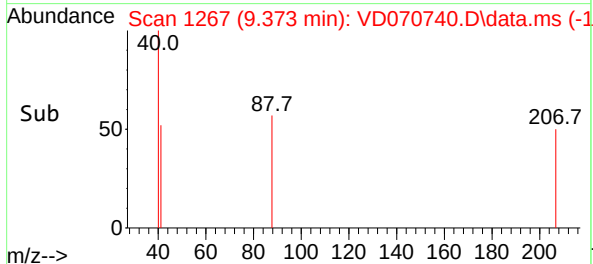
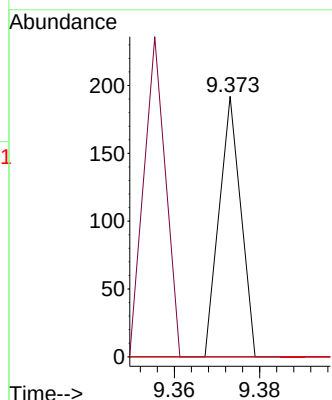
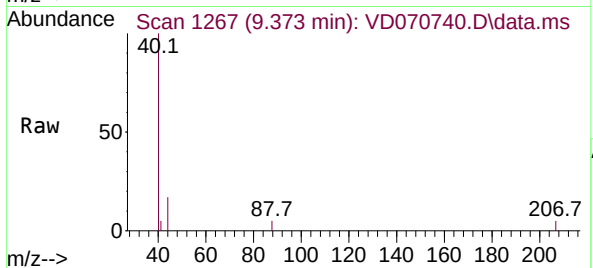




#49
1,4-Dioxane
Concen: 2.180 ug/l
RT: 9.373 min Scan# 1267
Delta R.T. -0.082 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03

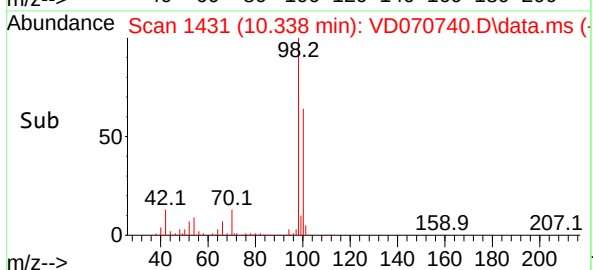
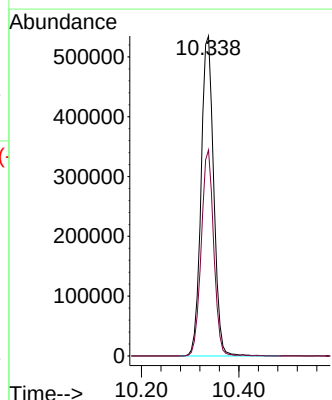
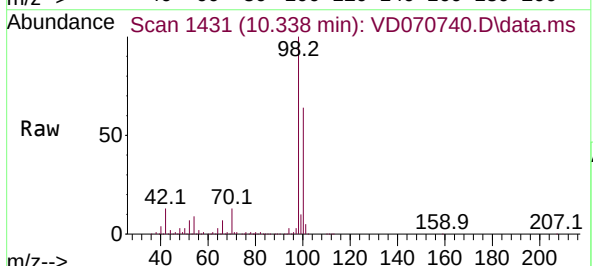
Instrument :
MSVOA_D
ClientSampleId :
TEST-DA-(1)

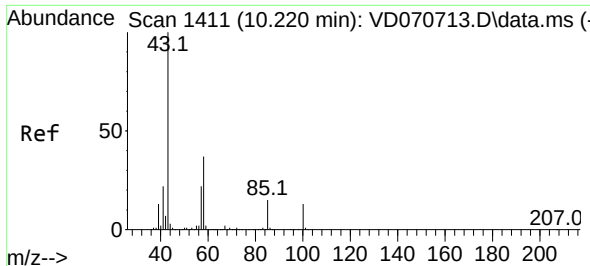
Tgt Ion: 88 Resp: 68
Ion Ratio Lower Upper
88 100
43 0.0 25.1 37.7#
58 0.0 57.4 86.0#



#50
Toluene-d8
Concen: 54.661 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03

Tgt Ion: 98 Resp: 960343
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4

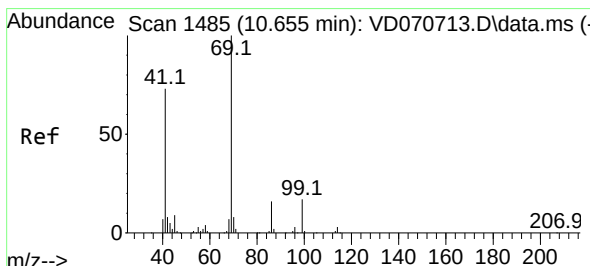
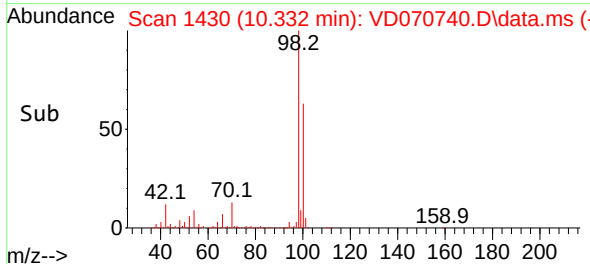
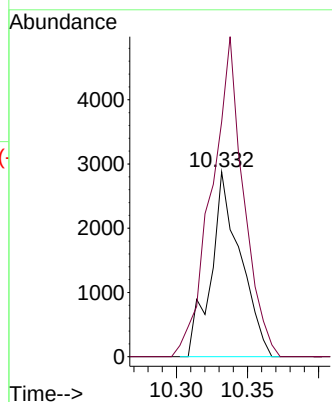
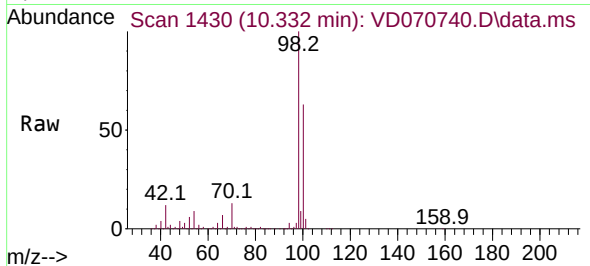




#51
4-Methyl-2-Pentanone
Concen: 1.245 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03

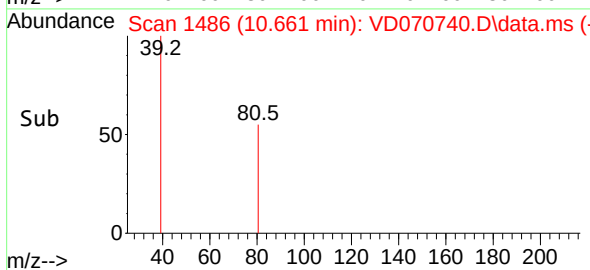
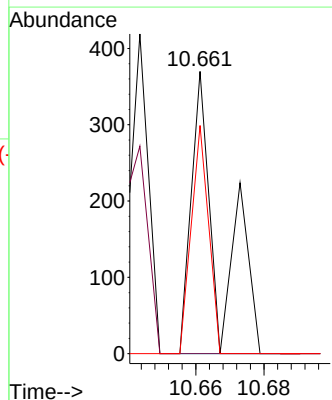
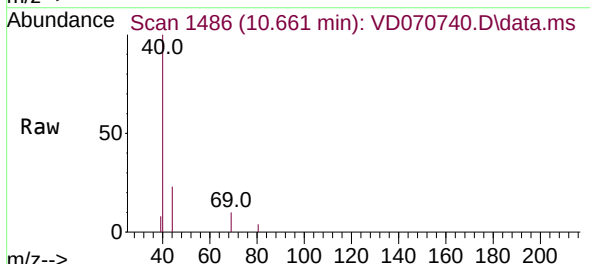
Instrument :
MSVOA_D
ClientSampleId :
TEST-DA-(1)

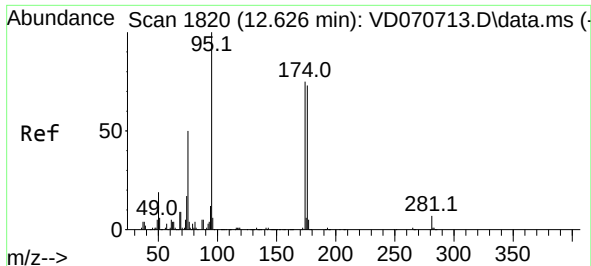
Tgt Ion: 43 Resp: 4134
Ion Ratio Lower Upper
43 100
58 188.8 35.0 52.6#



#56
Ethyl methacrylate
Concen: 4.191 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03

Tgt Ion: 69 Resp: 210
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 50.0 19.5 29.3#

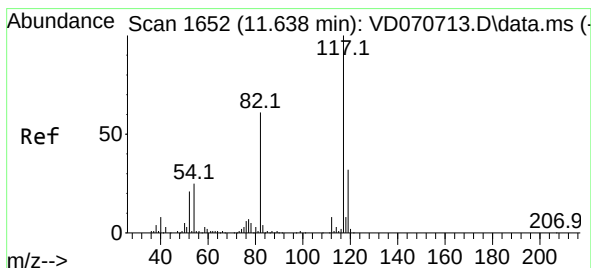
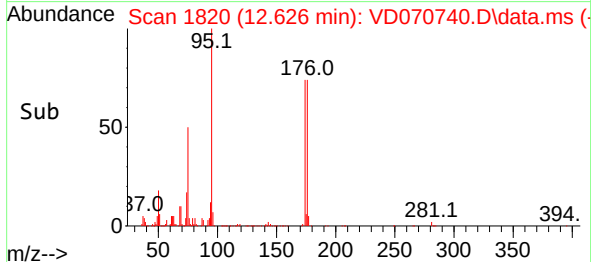
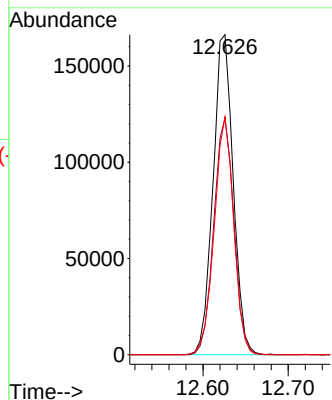
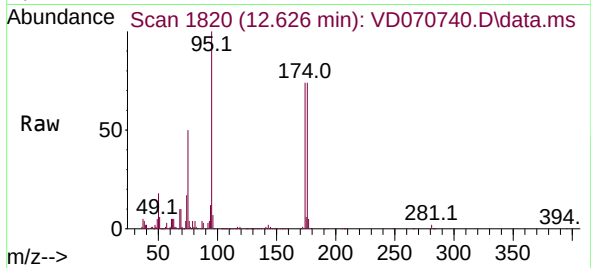




#62
4-Bromofluorobenzene
Concen: 45.214 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03

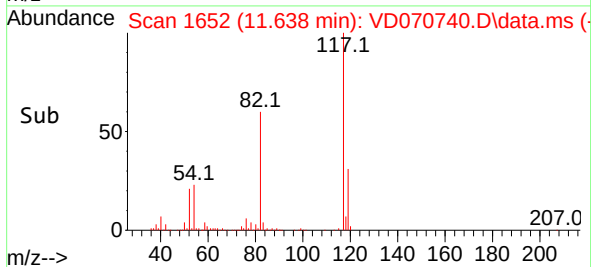
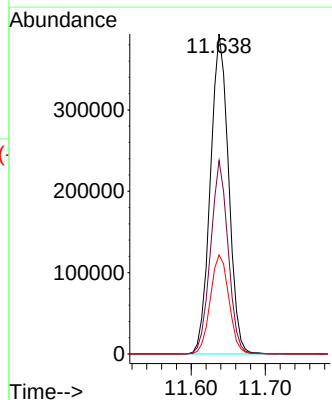
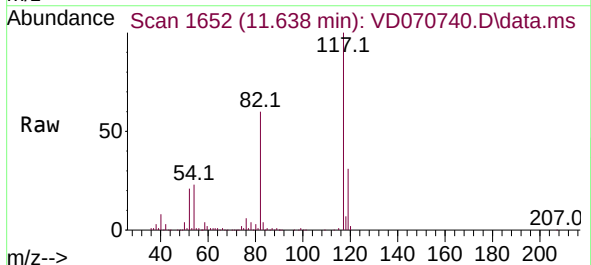
Instrument :
MSVOA_D
ClientSampleId :
TEST-DA-(1)

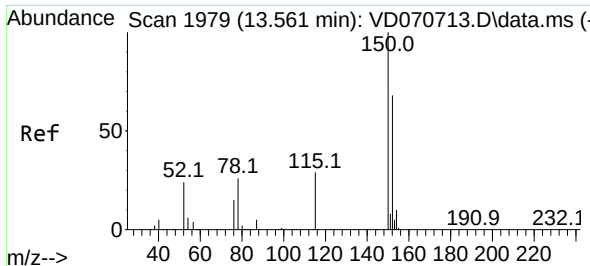
Tgt Ion: 95 Resp: 273520
Ion Ratio Lower Upper
95 100
174 73.8 0.0 138.0
176 71.5 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03

Tgt Ion: 117 Resp: 669932
Ion Ratio Lower Upper
117 100
82 60.5 45.4 68.2
119 30.9 24.7 37.1

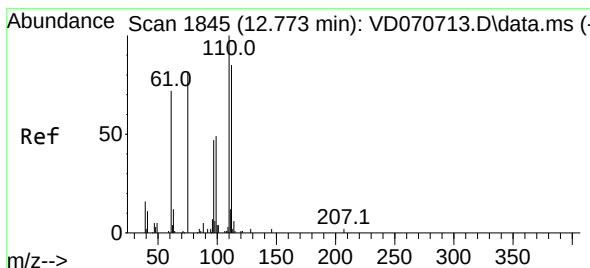
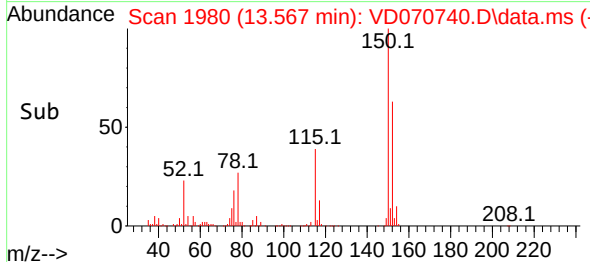
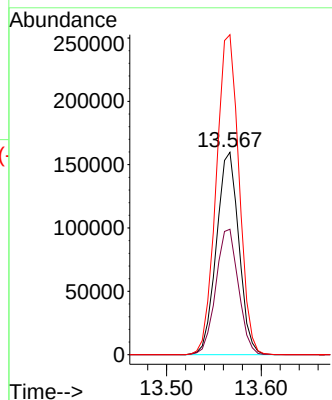
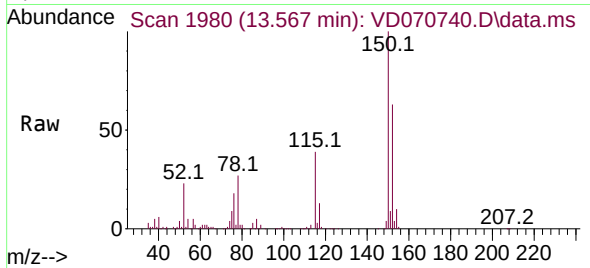




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.006 min
 Lab File: VD070740.D
 Acq: 18 Oct 2021 20:03

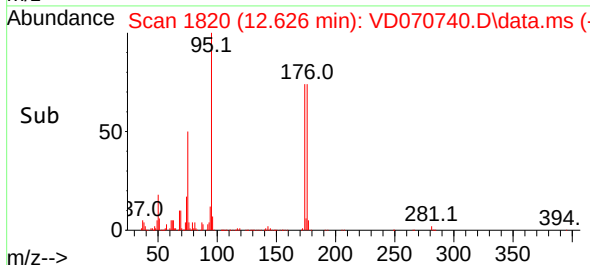
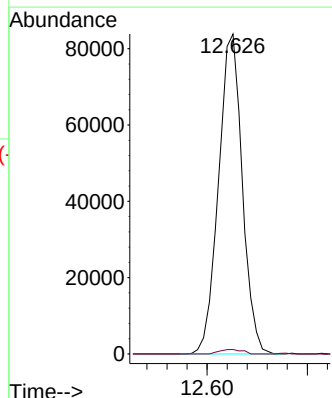
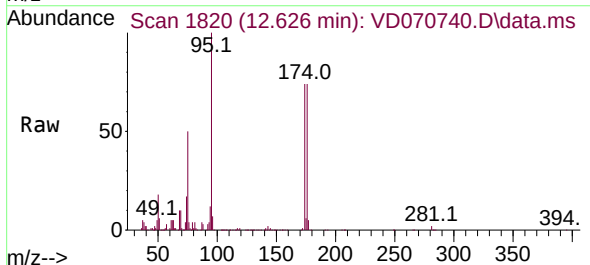
Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-DA-(1)

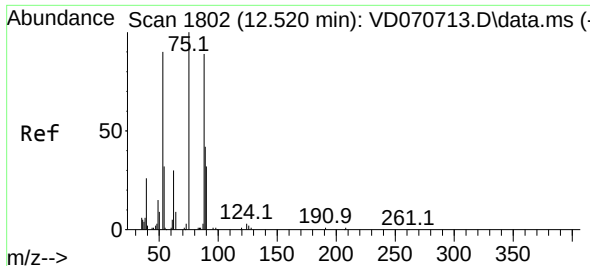
Tgt Ion:152 Resp: 263124
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.9 95.7
 150 160.7 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 60.501 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070740.D
 Acq: 18 Oct 2021 20:03

Tgt Ion: 75 Resp: 137535
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

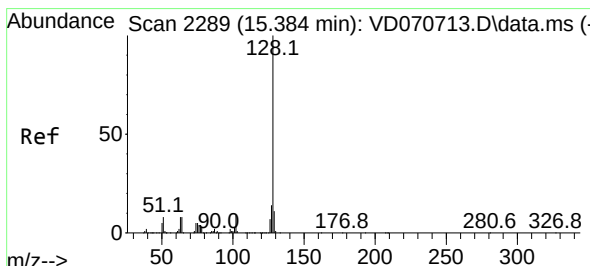
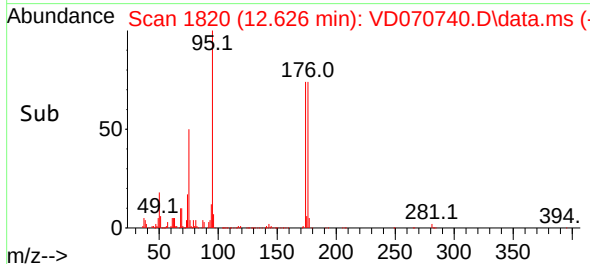
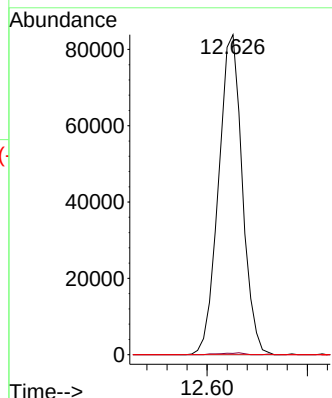
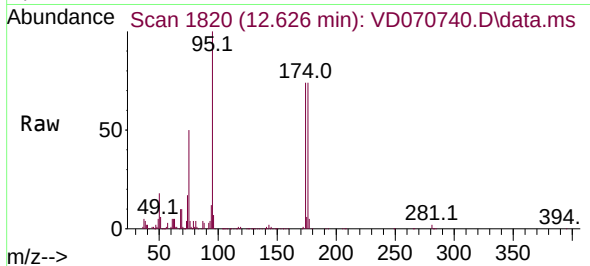




#81
trans-1,4-Dichloro-2-butene
Concen: 132.515 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03

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

Tgt Ion: 75 Resp: 137535
Ion Ratio Lower Upper
75 100
53 0.5 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 4.804 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070740.D
Acq: 18 Oct 2021 20:03

Tgt Ion:128 Resp: 104
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

