

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101921\
 Data File : VD070755.D
 Acq On : 19 Oct 2021 13:36
 Operator : VA/SY
 Sample : M4252-01RE
 Misc : 4.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 20 04:40:25 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)

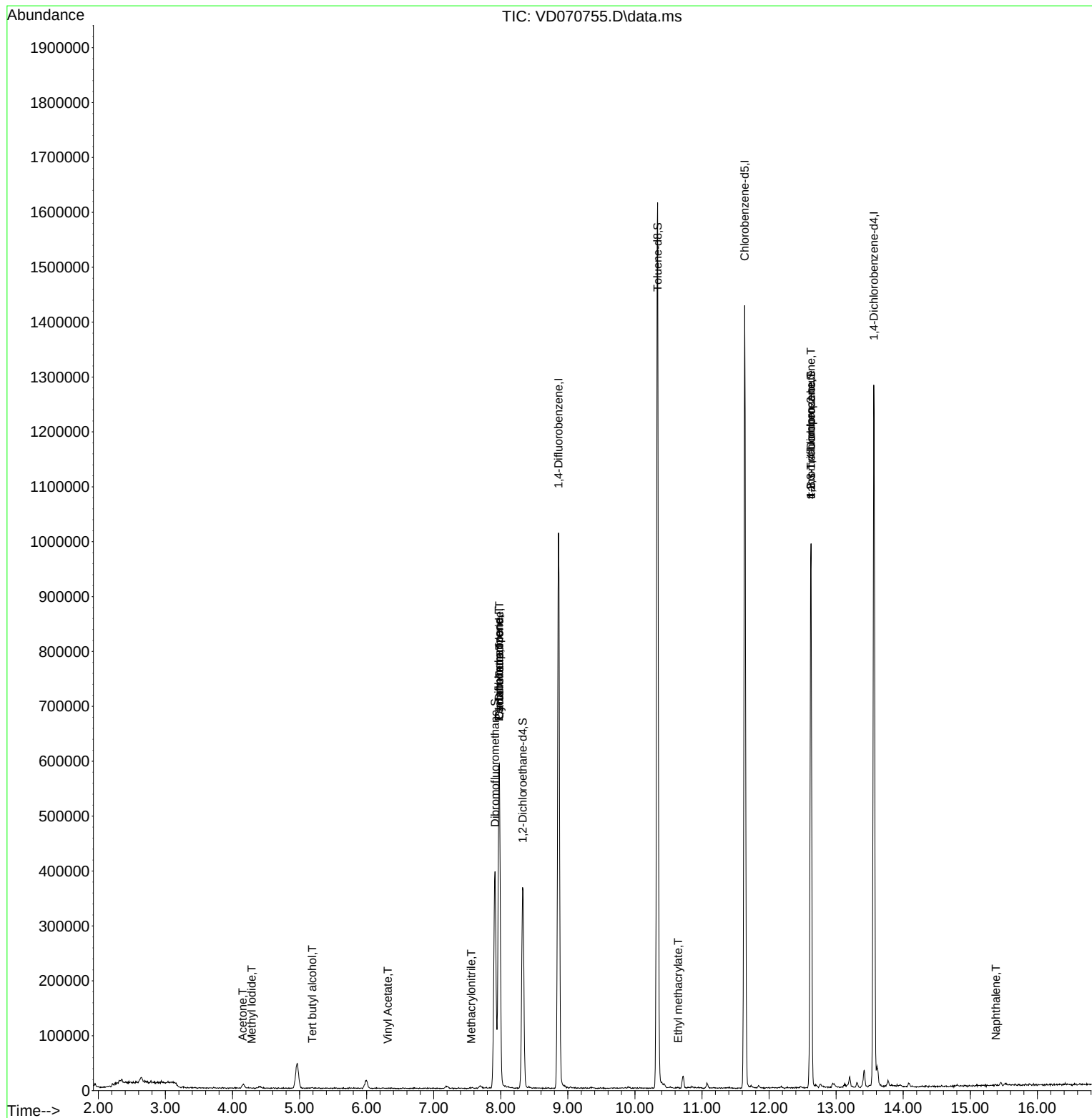
Internal Standards						
1) Pentafluorobenzene	7.973	168	419657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	812018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	780191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	327187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	298082	59.970	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.940%			
35) Dibromofluoromethane	7.914	113	280314	53.913	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.820%			
50) Toluene-d8	10.338	98	1058680	53.117	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.240%			
62) 4-Bromofluorobenzene	12.626	95	333225	48.555	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.100%			
Target Compounds						Qvalue
10) Methyl Iodide	4.285	142	319	3.377	ug/l #	58
11) Tert butyl alcohol	5.191	59	661	2.376	ug/l #	83
16) Acetone	4.150	43	12905	10.764	ug/l	96
20) Methylene Chloride	4.967	84	34136	Below Cal	#	93
23) Vinyl Acetate	6.314	43	62	16.335	ug/l #	69
31) Cyclohexane	7.979	56	12116	1.205	ug/l #	9
36) 1,1-Dichloropropene	7.973	75	39678	4.386	ug/l #	49
38) Carbon Tetrachloride	7.979	117	44291	5.112	ug/l #	17
41) Methacrylonitrile	7.561	41	170	2.013	ug/l #	16
56) Ethyl methacrylate	10.643	69	221	4.188	ug/l #	65
76) 1,2,3-Trichloropropane	12.626	75	170037	60.153	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	170037	131.753	ug/l #	17
95) Naphthalene	15.384	128	274	4.816	ug/l #	69

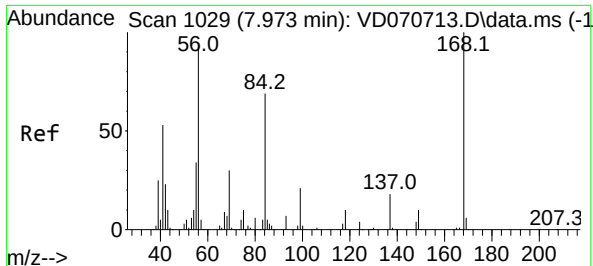
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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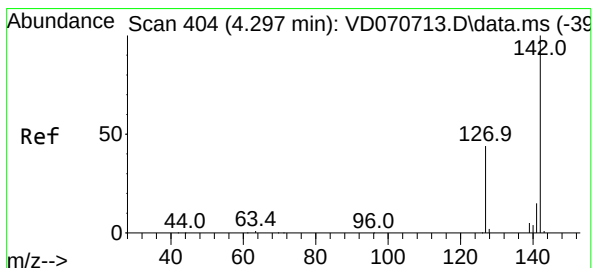
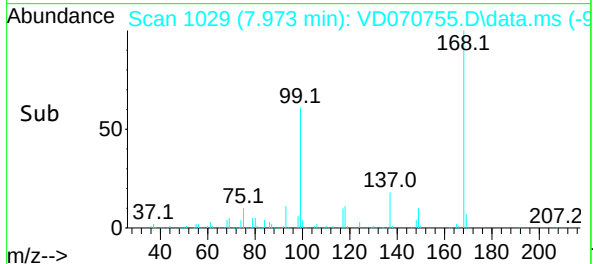
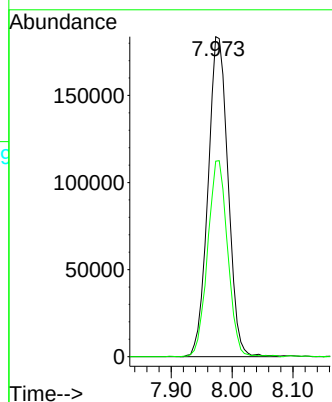
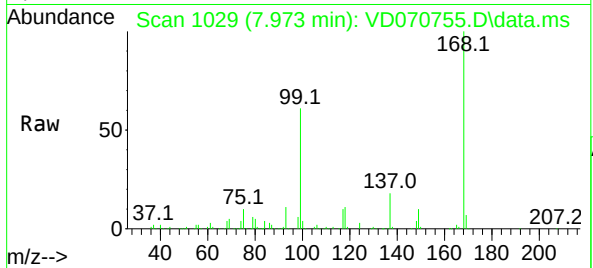




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

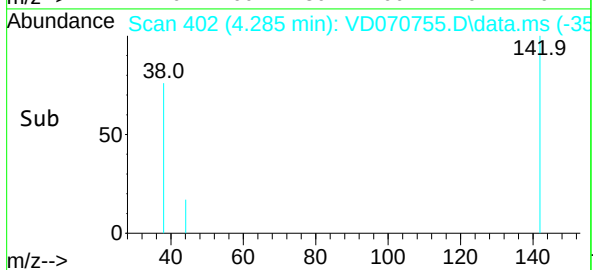
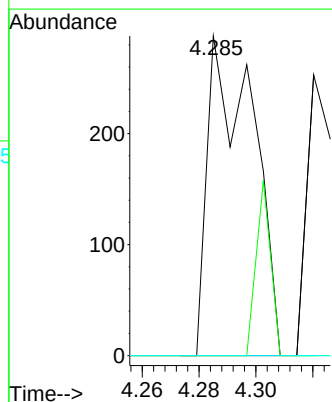
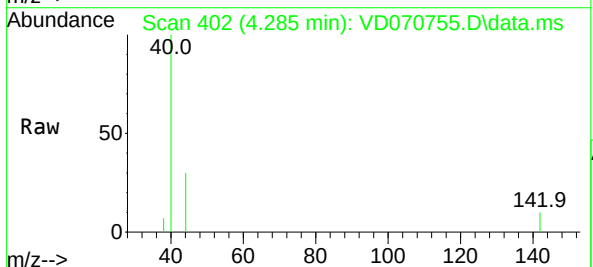
Instrument :
MSVOA_D
ClientSampleId :
TEST-BA-(1)RE

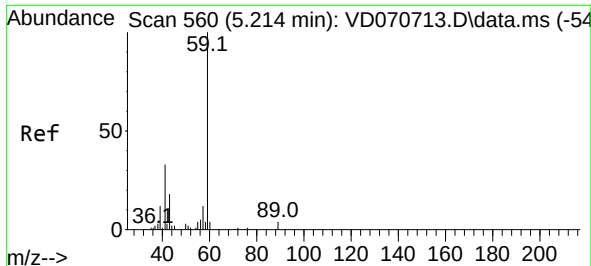
Tgt Ion:168 Resp: 419657
Ion Ratio Lower Upper
168 100
99 61.1 51.4 77.0



#10
Methyl Iodide
Concen: 3.377 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

Tgt Ion:142 Resp: 319
Ion Ratio Lower Upper
142 100
127 17.6 37.5 56.3#
141 0.0 12.1 18.1#



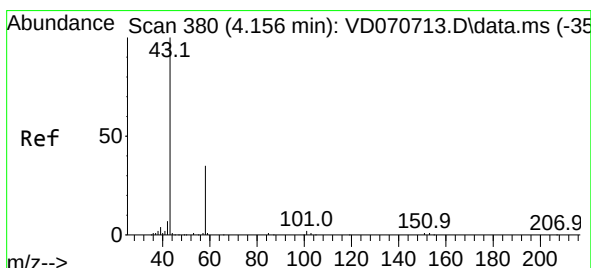
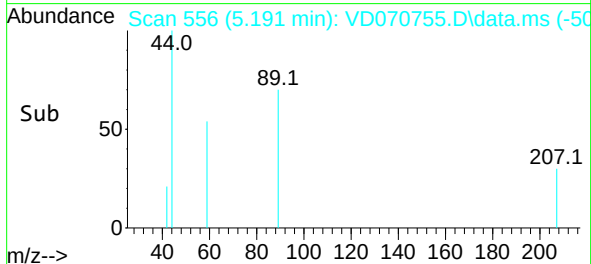
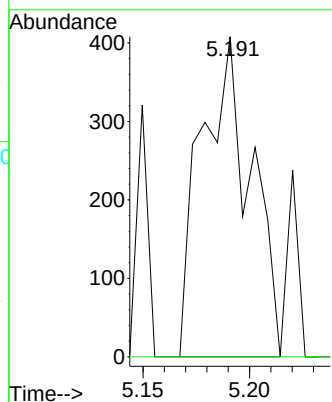
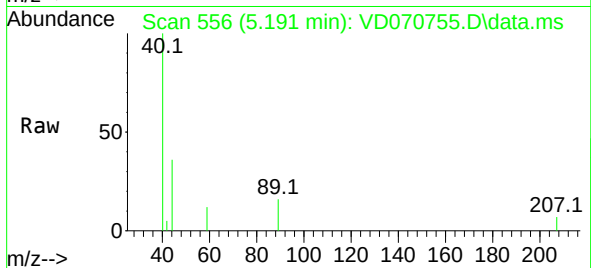


#11

Tert butyl alcohol
Concen: 2.376 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.024 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

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

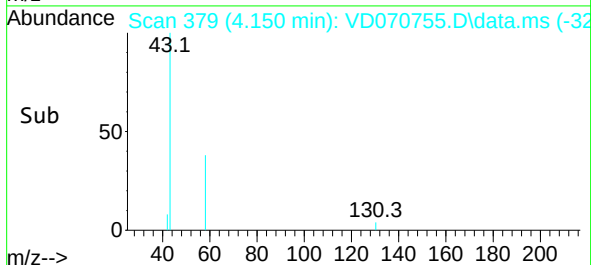
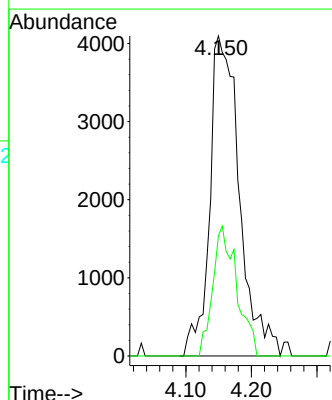
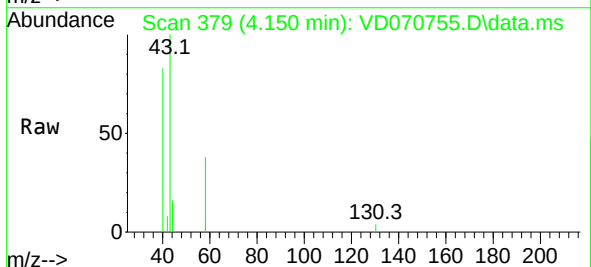
Tgt Ion: 59 Resp: 661
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

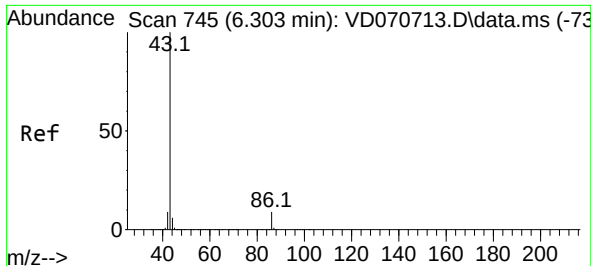


#16

Acetone
Concen: 10.764 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

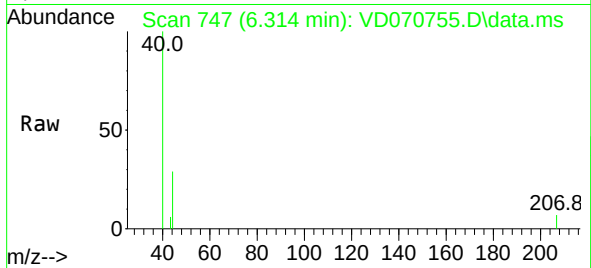
Tgt Ion: 43 Resp: 12905
Ion Ratio Lower Upper
43 100
58 37.5 28.2 42.2



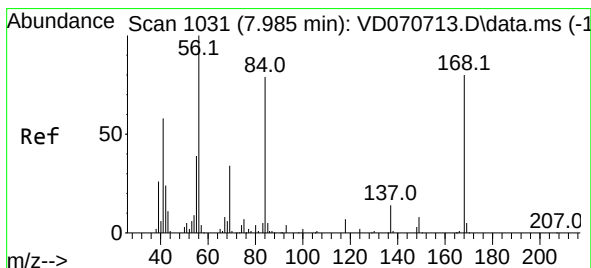
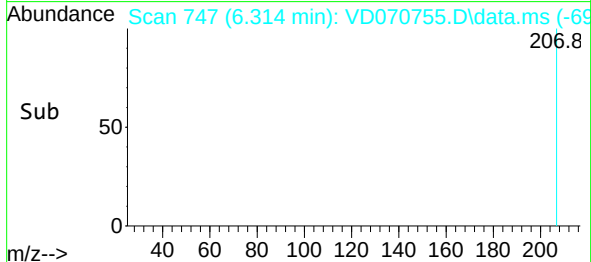
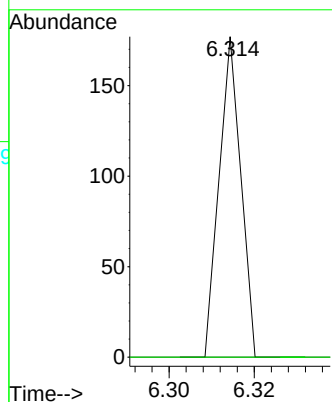


#23
 Vinyl Acetate
 Concen: 16.335 ug/l
 RT: 6.314 min Scan# 747
 Delta R.T. 0.011 min
 Lab File: VD070755.D
 Acq: 19 Oct 2021 13:36

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

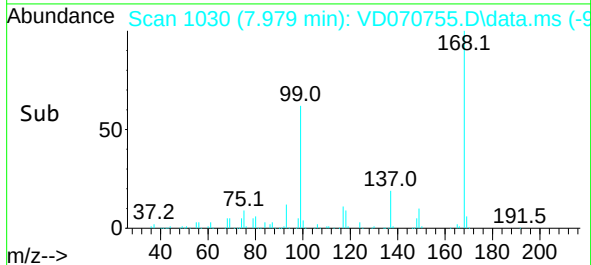
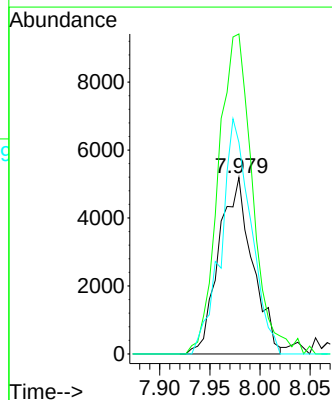
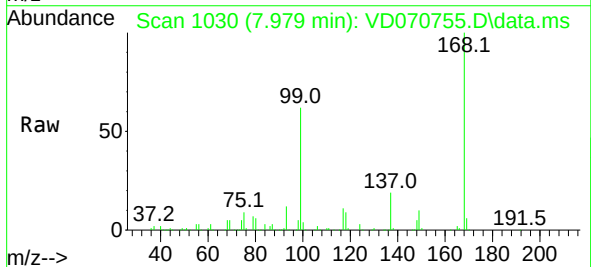


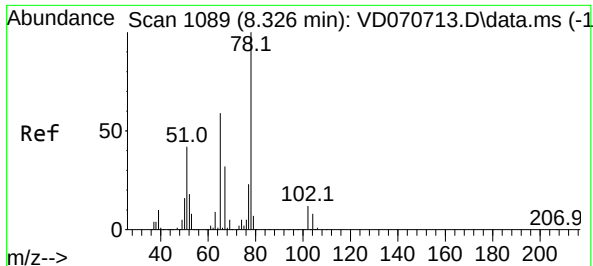
Tgt Ion: 43 Resp: 62
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#31
 Cyclohexane
 Concen: 1.205 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD070755.D
 Acq: 19 Oct 2021 13:36

Tgt Ion: 56 Resp: 12116
 Ion Ratio Lower Upper
 56 100
 69 181.3 27.4 41.2#
 84 119.8 73.6 110.4#

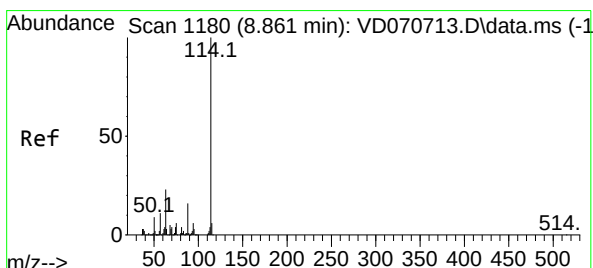
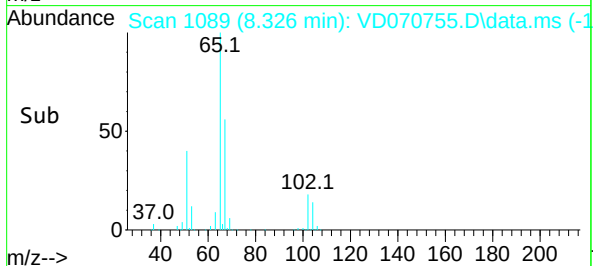
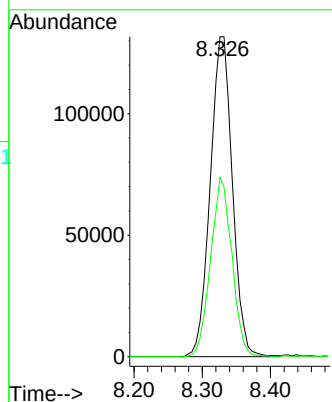
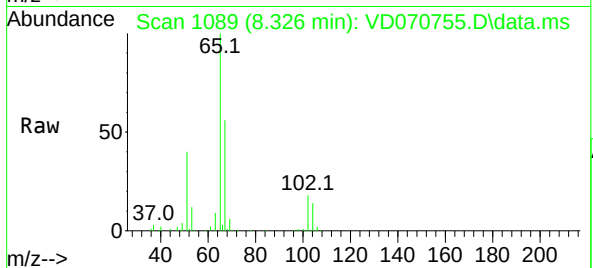




#33
1,2-Dichloroethane-d4
Concen: 59.970 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

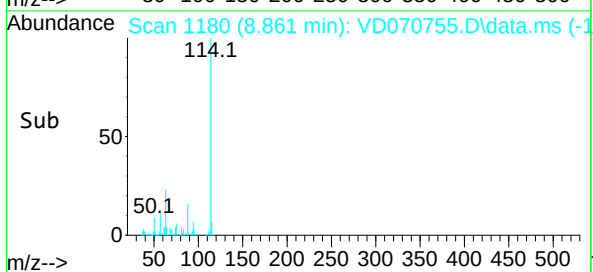
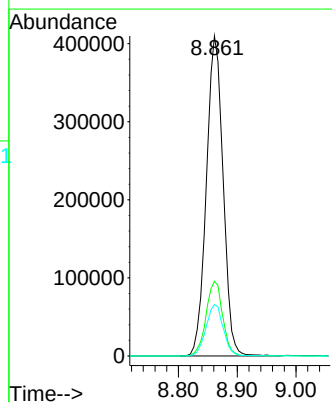
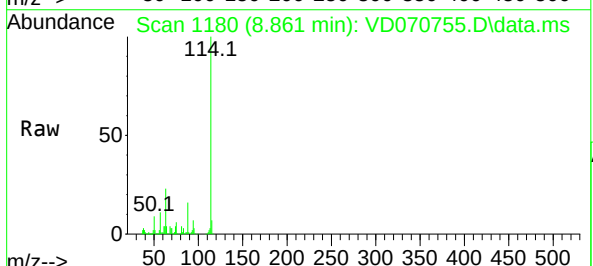
Instrument :
MSVOA_D
ClientSampleId :
TEST-BA-(1)RE

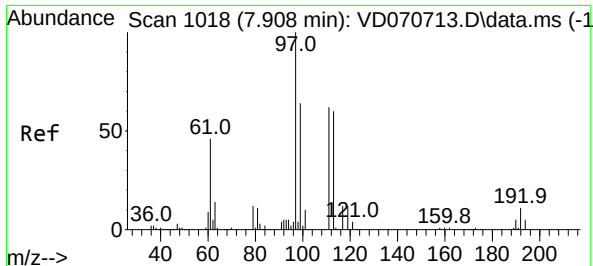
Tgt Ion: 65 Resp: 298082
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

Tgt Ion: 114 Resp: 812018
Ion Ratio Lower Upper
114 100
63 23.3 0.0 41.8
88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.913 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD070755.D

Acq: 19 Oct 2021 13:36

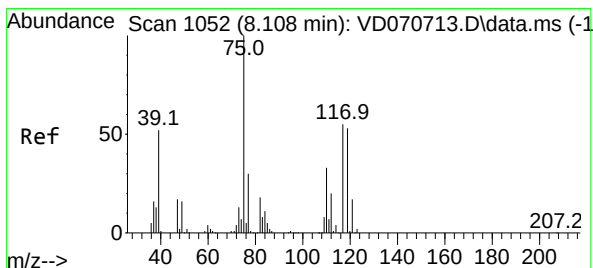
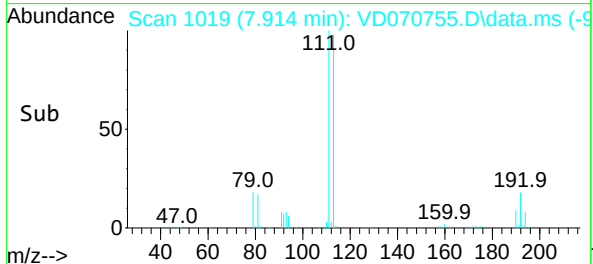
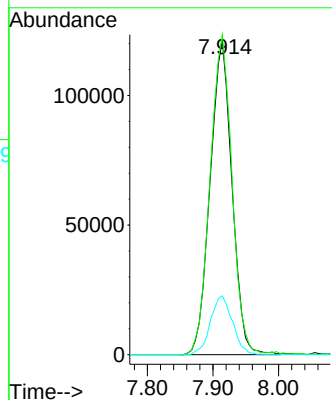
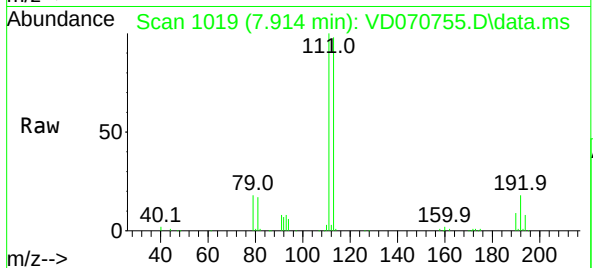
Tgt Ion:113 Resp: 280314

Ion Ratio Lower Upper

113 100

111 102.2 83.1 124.7

192 19.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.386 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD070755.D

Acq: 19 Oct 2021 13:36

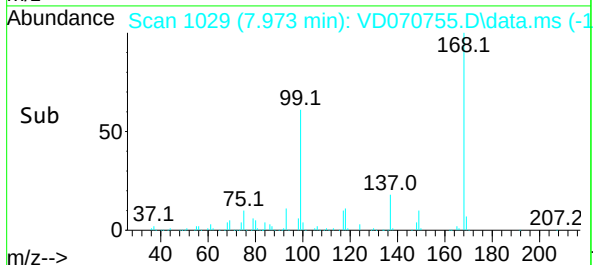
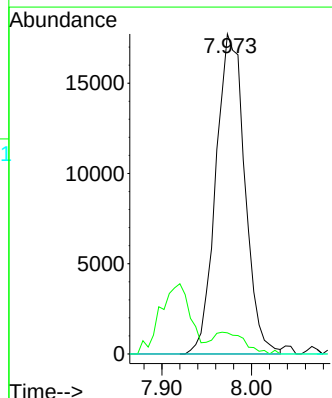
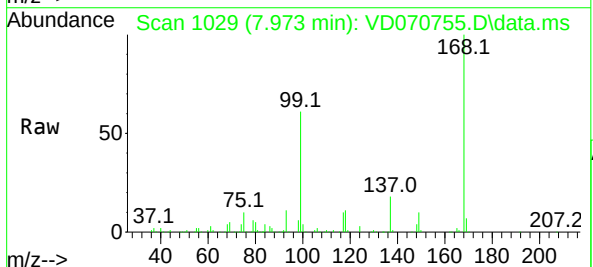
Tgt Ion: 75 Resp: 39678

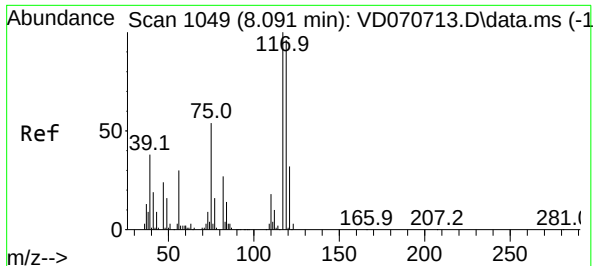
Ion Ratio Lower Upper

75 100

110 7.6 17.2 51.6#

77 0.0 24.2 36.4#

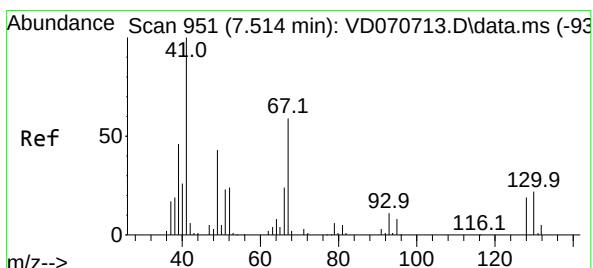
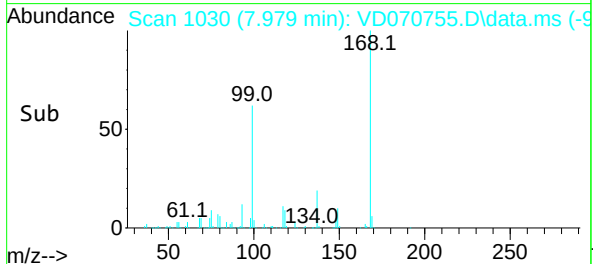
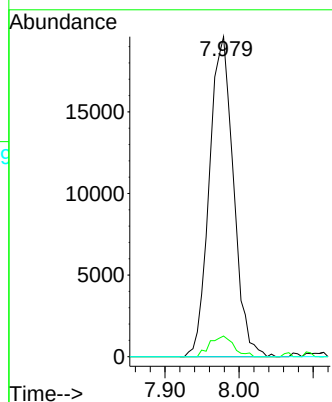
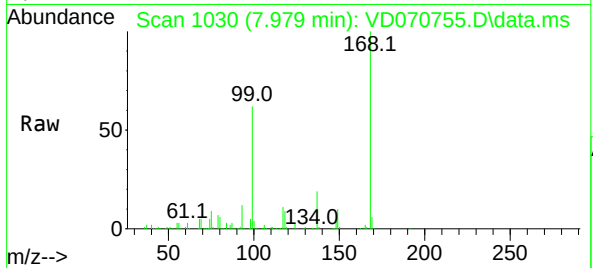




#38
Carbon Tetrachloride
Concen: 5.112 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

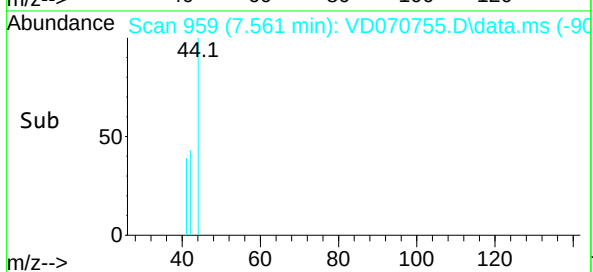
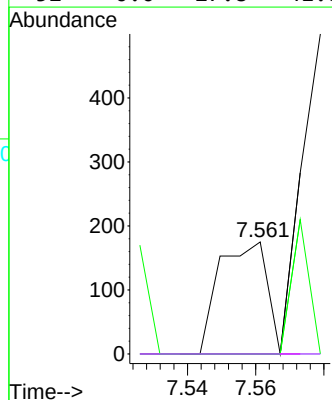
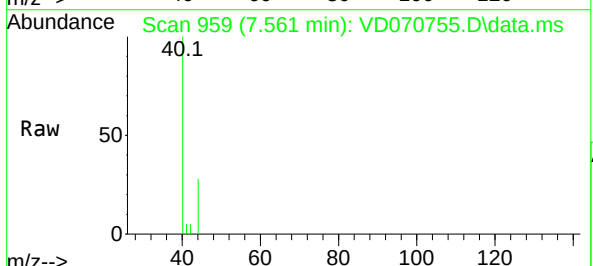
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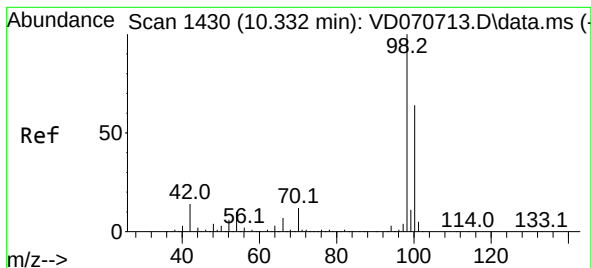
Tgt Ion:117 Resp: 44291
Ion Ratio Lower Upper
117 100
119 6.4 77.4 116.0#
121 0.0 25.4 38.0#



#41
Methacrylonitrile
Concen: 2.013 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.047 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

Tgt Ion: 41 Resp: 170
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#

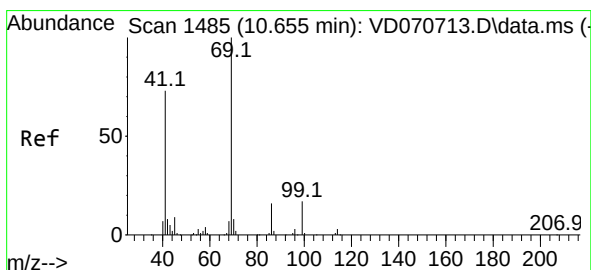
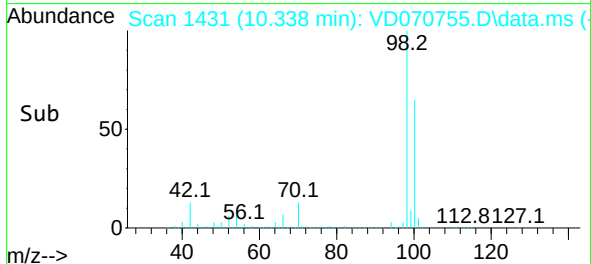
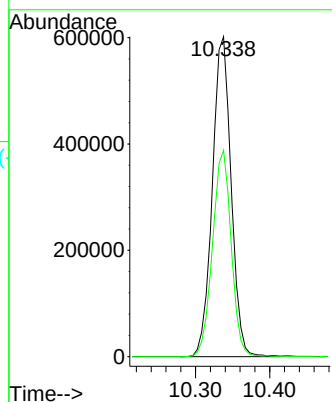
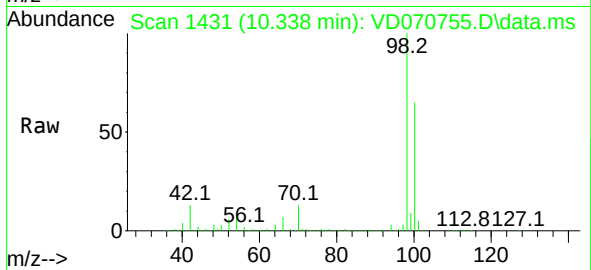




#50
Toluene-d8
Concen: 53.117 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

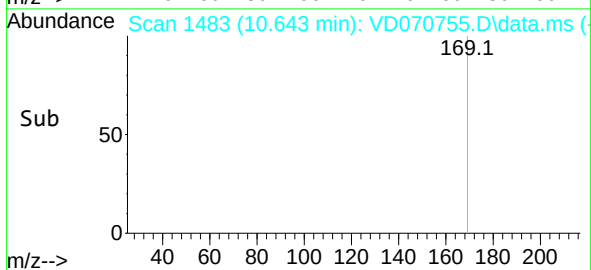
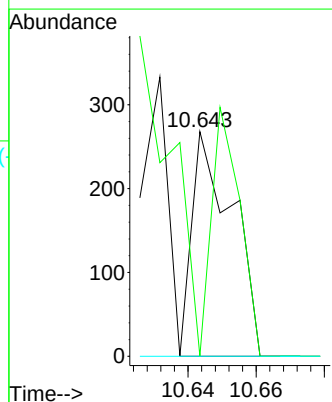
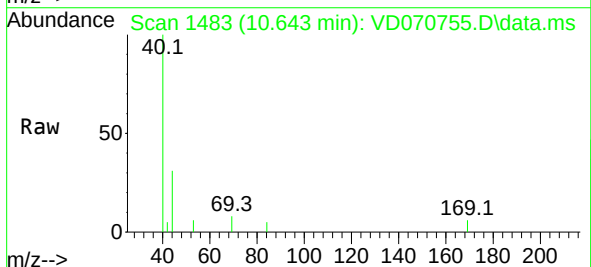
Instrument :
MSVOA_D
ClientSampleId :
TEST-BA-(1)RE

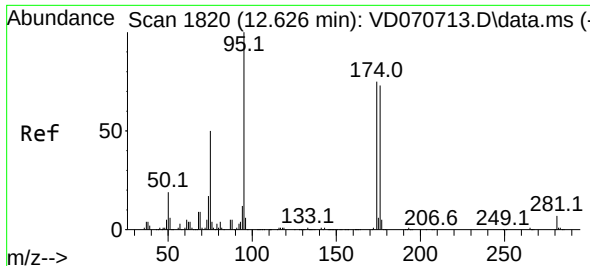
Tgt Ion: 98 Resp: 1058680
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#56
Ethyl methacrylate
Concen: 4.188 ug/l
RT: 10.643 min Scan# 1483
Delta R.T. -0.012 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

Tgt Ion: 69 Resp: 221
Ion Ratio Lower Upper
69 100
41 76.9 44.7 67.1#
39 0.0 19.5 29.3#

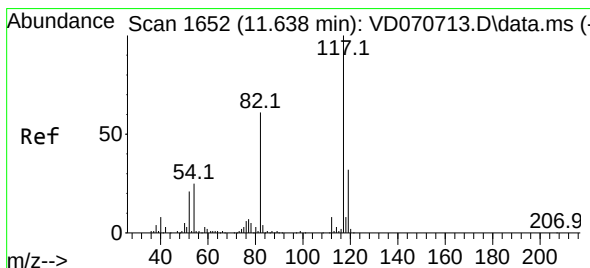
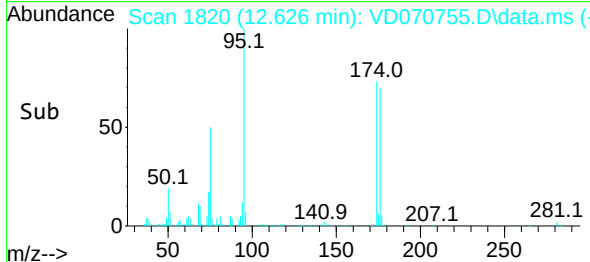
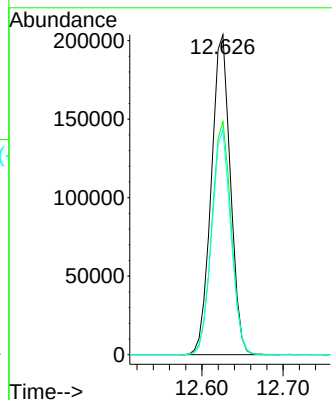
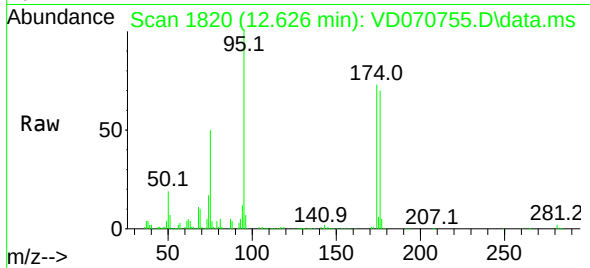




#62
4-Bromofluorobenzene
Concen: 48.555 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

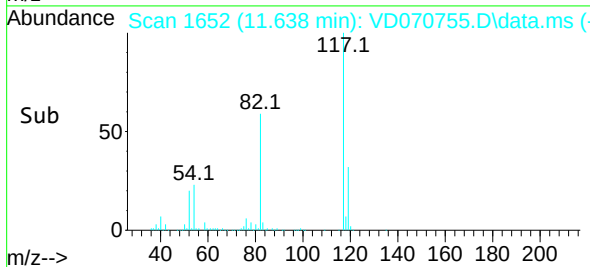
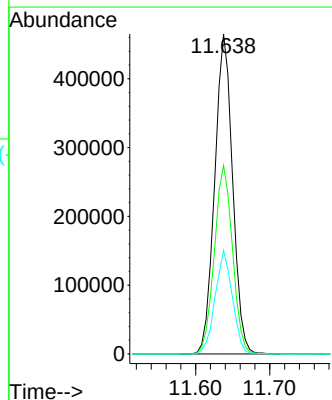
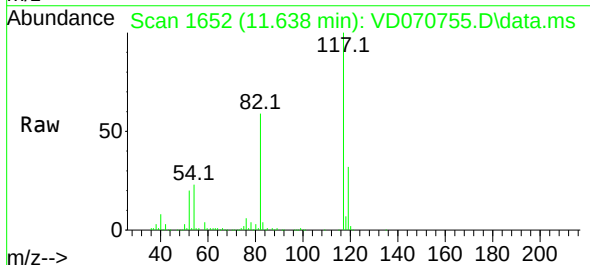
Instrument :
MSVOA_D
ClientSampleId :
TEST-BA-(1)RE

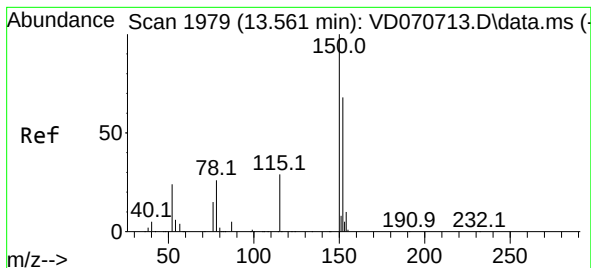
Tgt Ion:	95	Resp:	333225
Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	138.0
176	70.8	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

Tgt Ion:	117	Resp:	780191
Ion	Ratio	Lower	Upper
117	100		
82	58.9	45.4	68.2
119	32.3	24.7	37.1

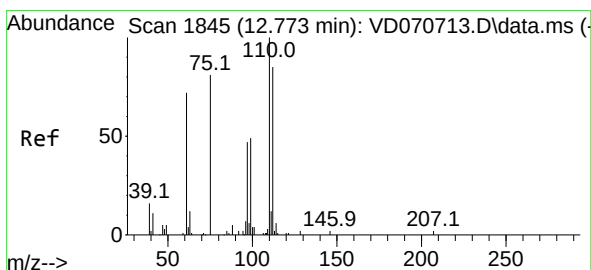
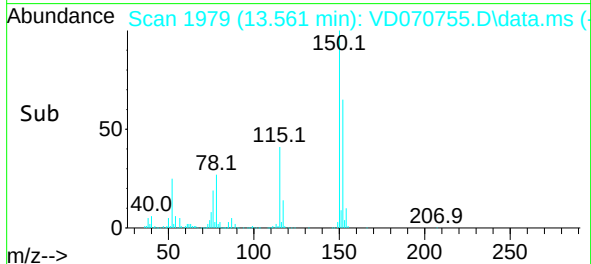
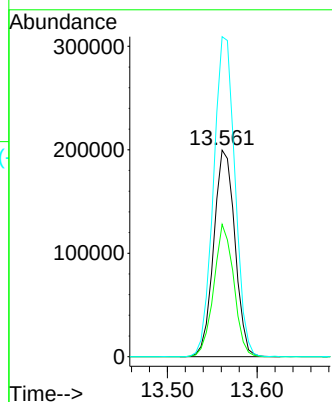
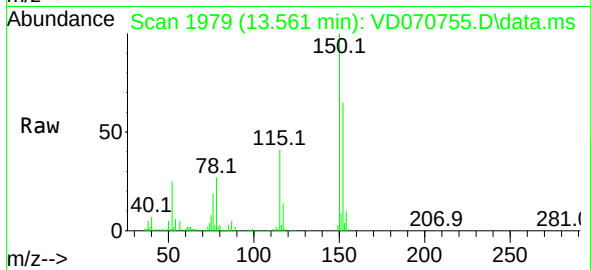




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

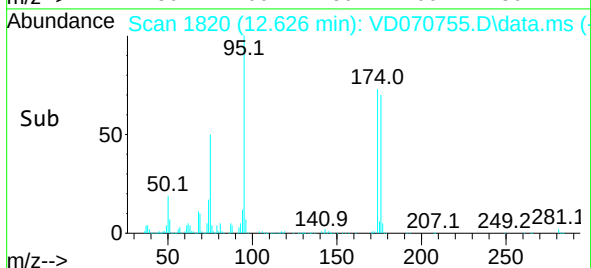
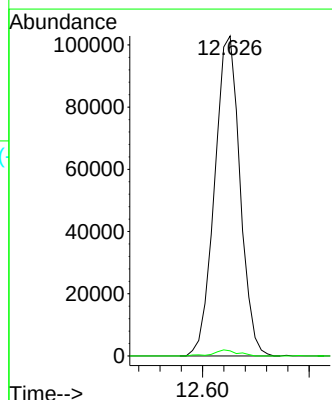
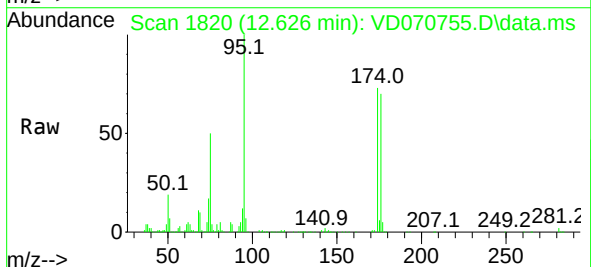
Instrument :
MSVOA_D
ClientSampleId :
TEST-BA-(1)RE

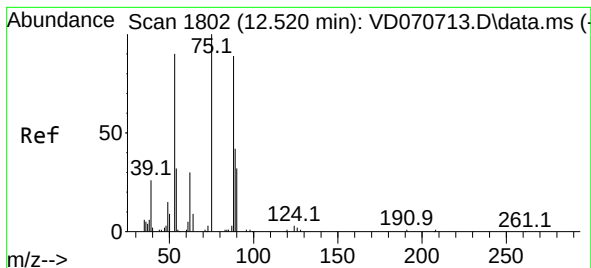
Tgt Ion:152 Resp: 327187
Ion Ratio Lower Upper
152 100
115 60.5 31.9 95.7
150 157.4 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 60.153 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

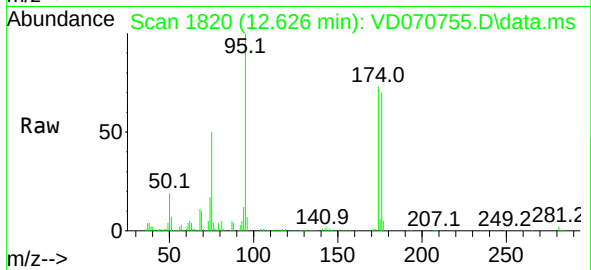
Tgt Ion: 75 Resp: 170037
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



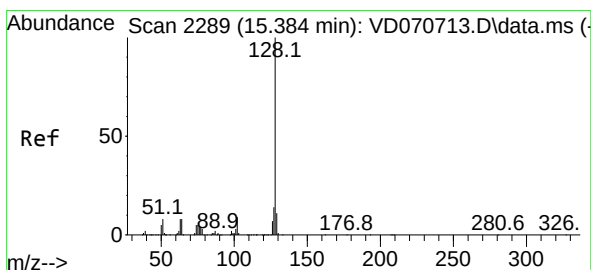
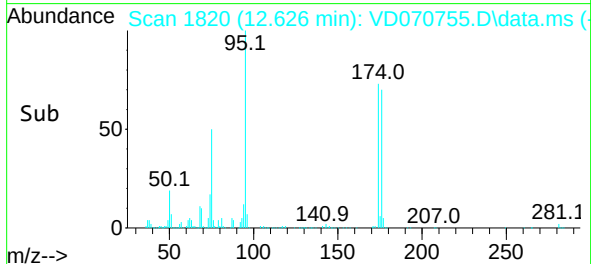
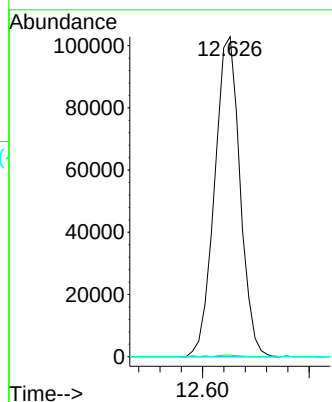


#81
trans-1,4-Dichloro-2-butene
Concen: 131.753 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

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



Tgt Ion: 75 Resp: 170037
Ion Ratio Lower Upper
75 100
53 0.5 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 4.816 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070755.D
Acq: 19 Oct 2021 13:36

Tgt Ion: 128 Resp: 274
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 0.0 8.6 12.8#

