

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070035.D
 Acq On : 11 Aug 2021 20:52
 Operator : VA/SY
 Sample : M3331-10
 Misc : 7.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BSY1-SB-14-0-1

Quant Time: Aug 12 05:33:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

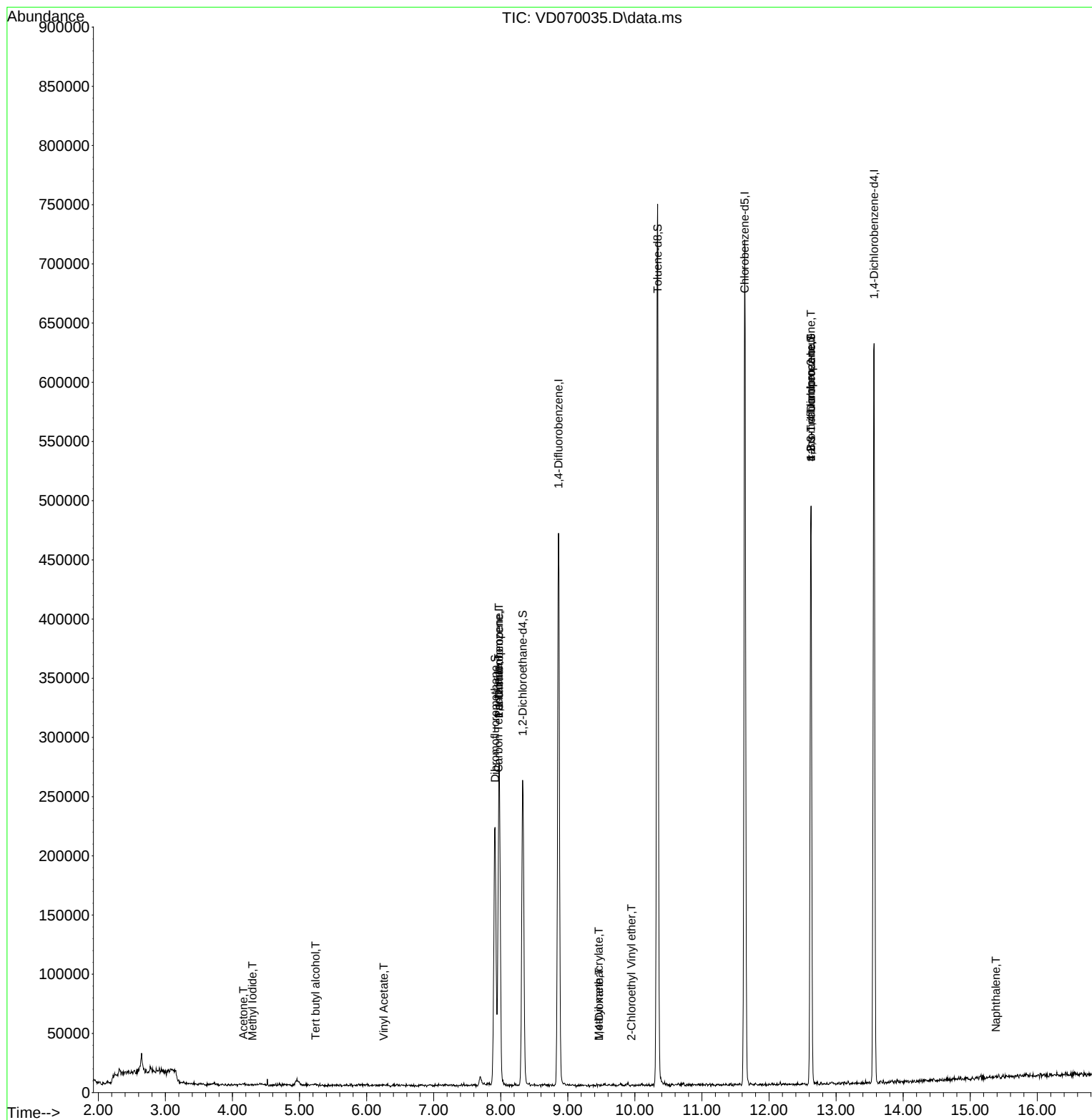
Internal Standards						
1) Pentafluorobenzene	7.973	168	202039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	395258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	420361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	170992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203005	87.365	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 174.740%#			
35) Dibromofluoromethane	7.914	113	159866	64.159	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 128.320%			
50) Toluene-d8	10.338	98	519282	54.048	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.100%			
62) 4-Bromofluorobenzene	12.626	95	167111	52.044	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.080%			
Target Compounds						
5) Bromomethane	2.773	94	2444	Below Cal	#	70
10) Methyl Iodide	4.297	142	707	3.725	ug/l #	48
11) Tert butyl alcohol	5.238	59	379	3.152	ug/l #	73
16) Acetone	4.162	43	1103	2.628	ug/l #	86
20) Methylene Chloride	4.962	84	3985	Below Cal	#	85
23) Vinyl Acetate	6.256	43	84	20.368	ug/l #	71
36) 1,1-Dichloropropene	7.973	75	17929	4.203	ug/l #	50
38) Carbon Tetrachloride	7.967	117	19616	5.035	ug/l #	18
48) Methyl methacrylate	9.461	41	188	2.867	ug/l #	13
49) 1,4-Dioxane	9.467	88	56	3.322	ug/l #	21
58) 2-Chloroethyl Vinyl ether	9.950	63	71	20.923	ug/l #	48
76) 1,2,3-Trichloropropane	12.626	75	80619	44.357	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	80619	134.566	ug/l #	16
95) Naphthalene	15.385	128	190	5.029	ug/l #	69

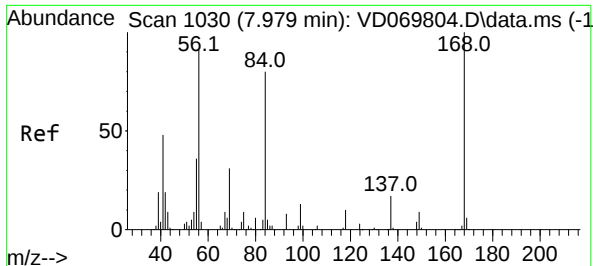
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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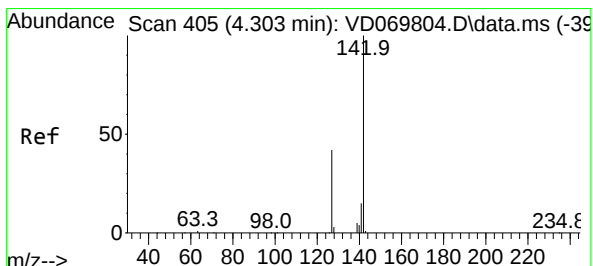
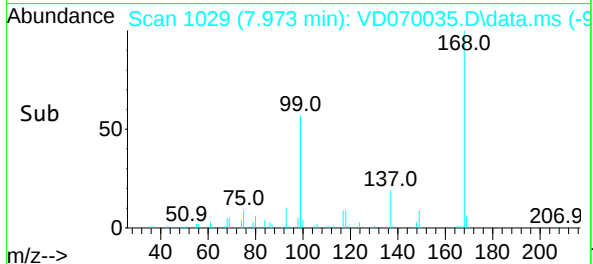
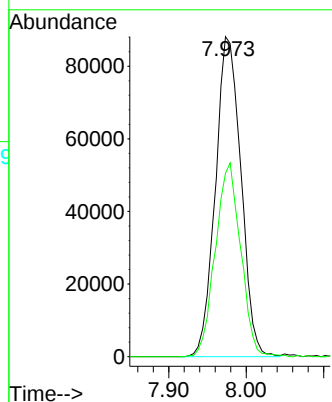
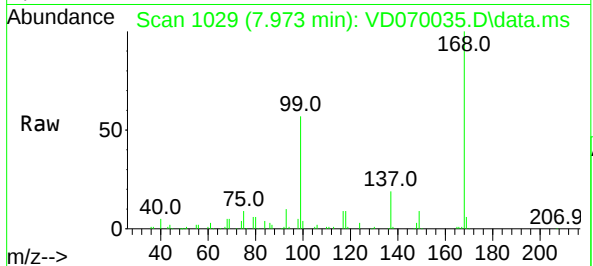




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

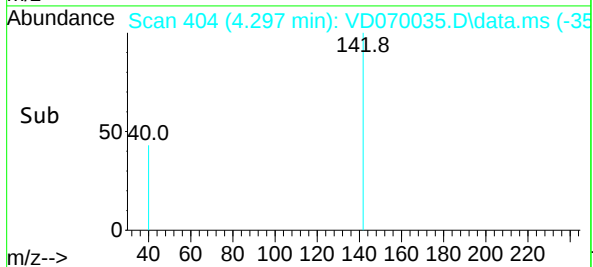
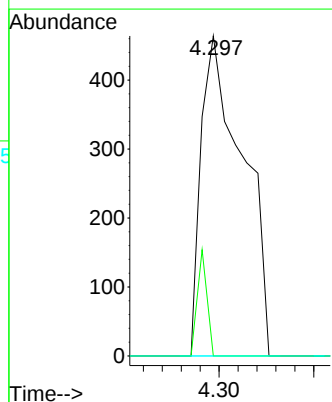
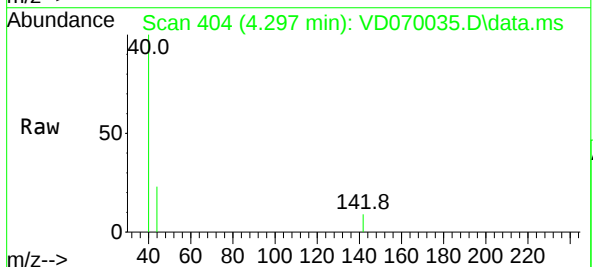
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-0-1

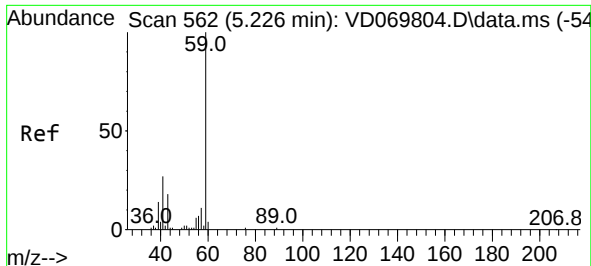
Tgt Ion:168 Resp: 202039
Ion Ratio Lower Upper
168 100
99 57.3 51.1 76.7



#10
Methyl Iodide
Concen: 3.725 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Tgt Ion:142 Resp: 707
Ion Ratio Lower Upper
142 100
127 7.6 35.7 53.5#
141 0.0 12.0 18.0#



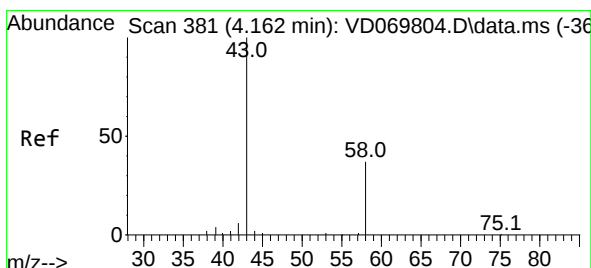
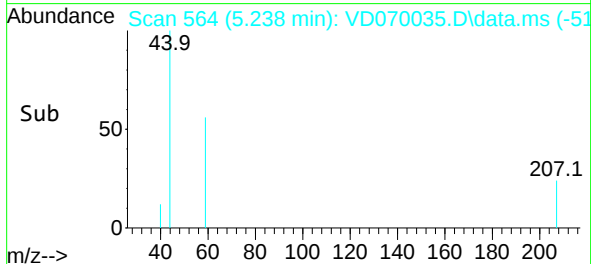
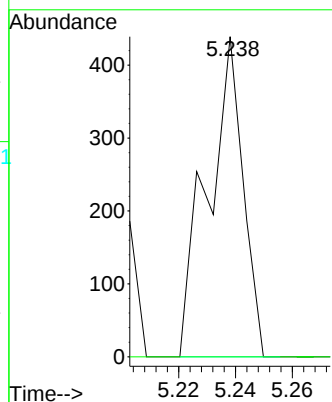
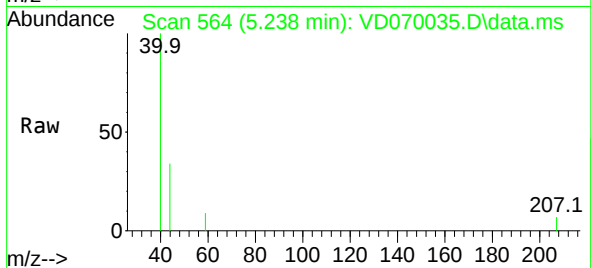


#11

Tert butyl alcohol
Concen: 3.152 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-0-1

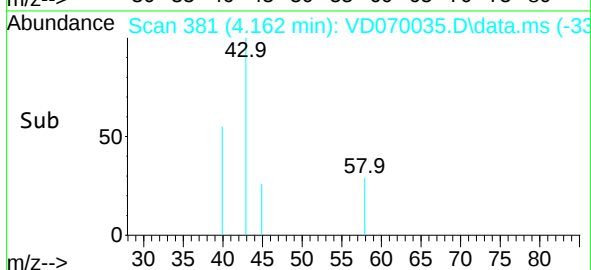
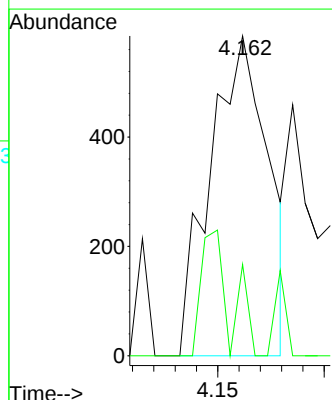
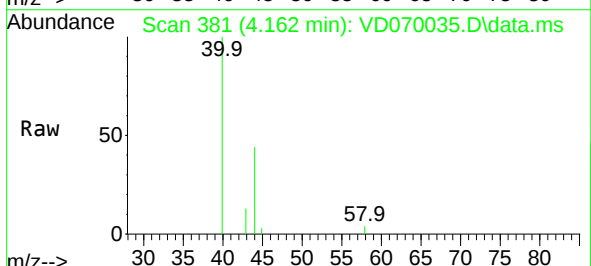
Tgt Ion: 59 Resp: 379
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

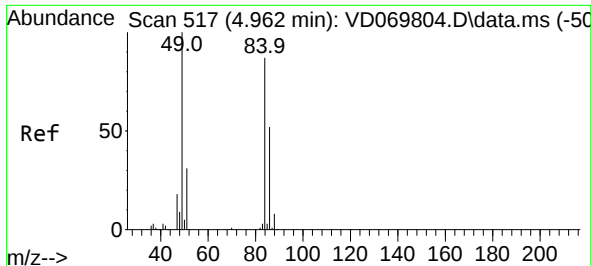


#16

Acetone
Concen: 2.628 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

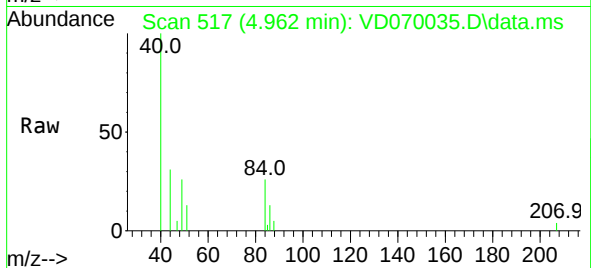
Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 28.5 29.4 44.0#



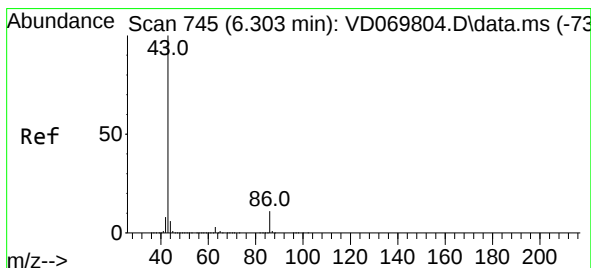
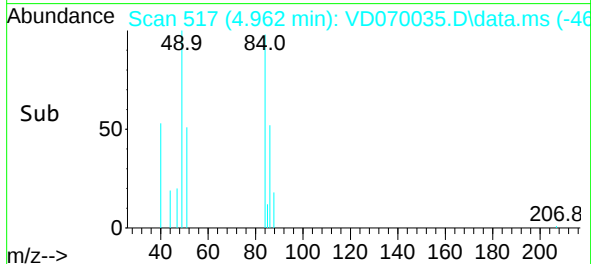
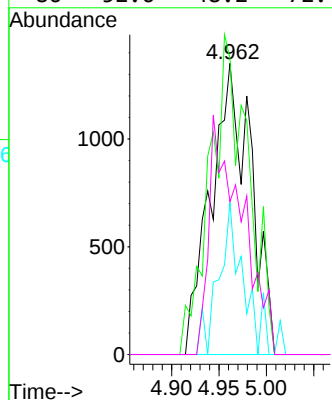


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-0-1

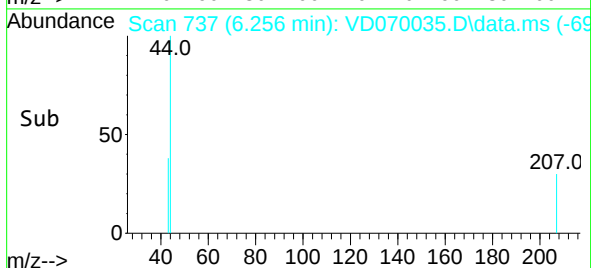
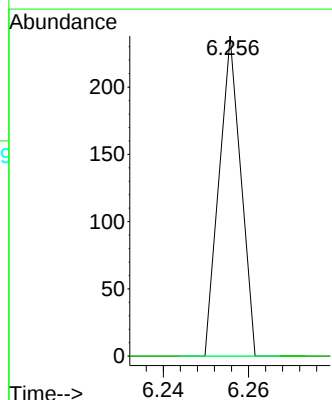
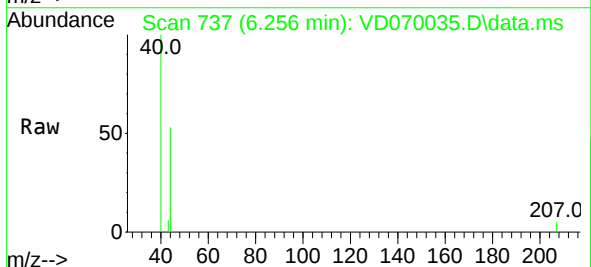


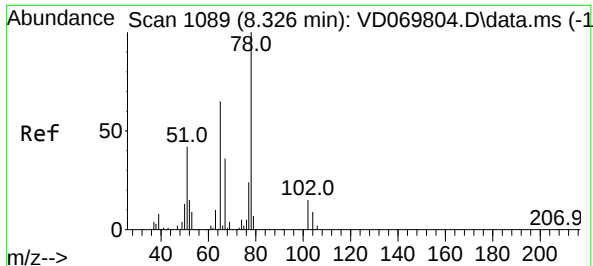
Tgt Ion:	84	Resp:	3985
Ion	Ratio	Lower	Upper
84	100		
49	101.7	92.4	138.6
51	52.3	28.5	42.7#
86	52.6	48.2	72.4



#23
Vinyl Acetate
Concen: 20.368 ug/l
RT: 6.256 min Scan# 737
Delta R.T. -0.047 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

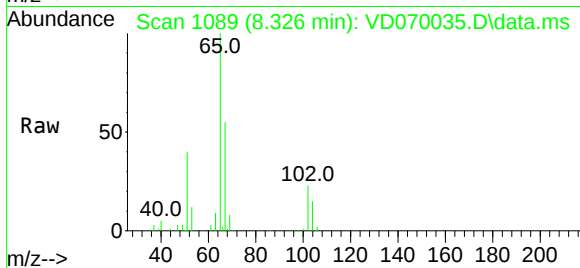
Tgt Ion:	43	Resp:	84
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	13.0#



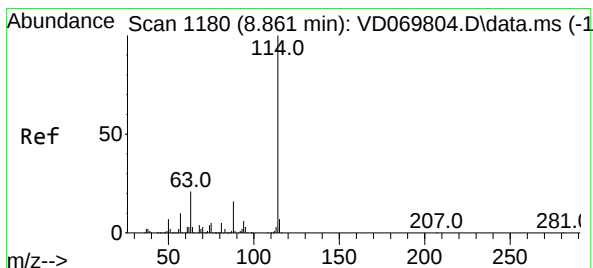
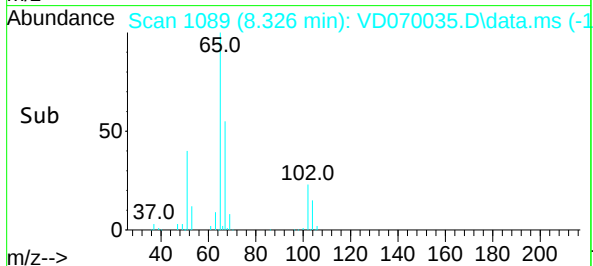
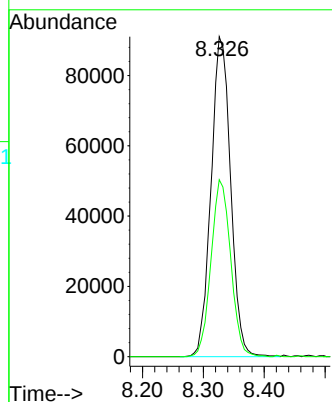


#33
1,2-Dichloroethane-d4
Concen: 87.365 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

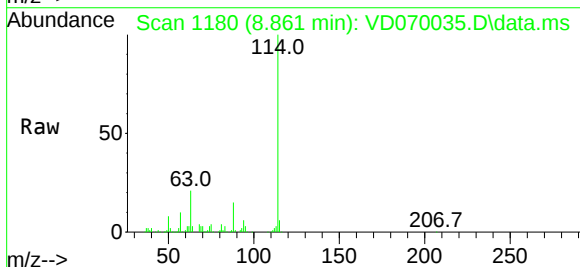
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-0-1



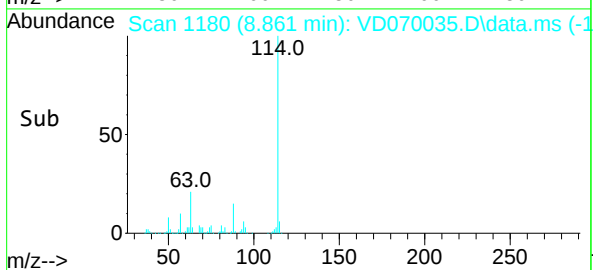
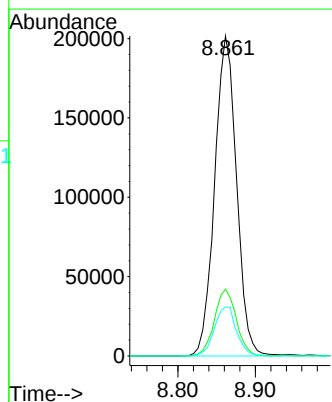
Tgt Ion: 65 Resp: 203005
Ion Ratio Lower Upper
65 100
67 55.7 0.0 111.2

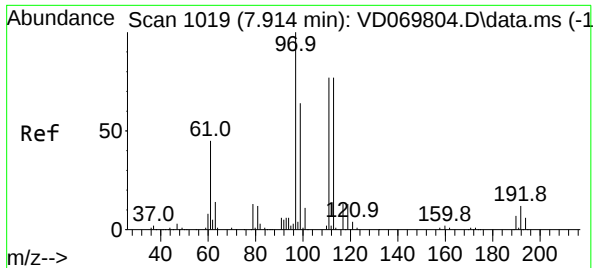


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52



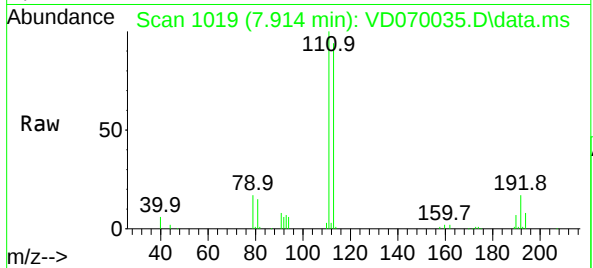
Tgt Ion: 114 Resp: 395258
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.6
88 15.3 0.0 31.4



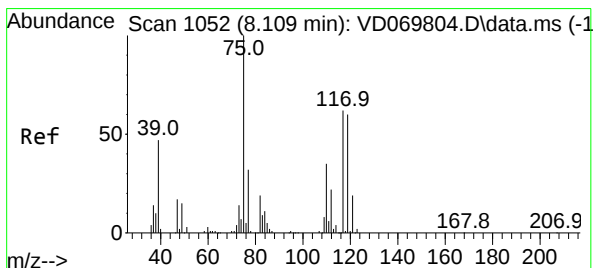
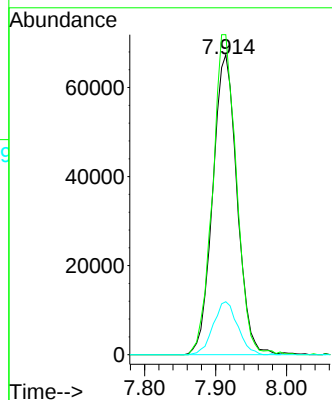
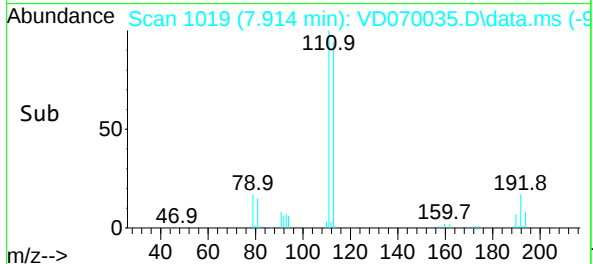


#35
Dibromofluoromethane
Concen: 64.159 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

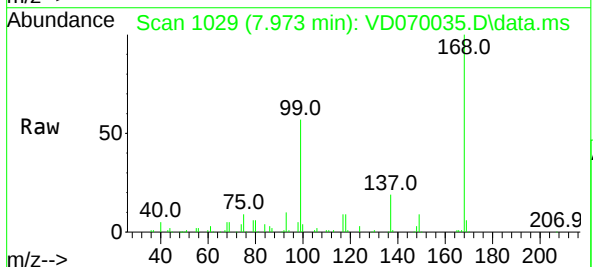
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-0-1



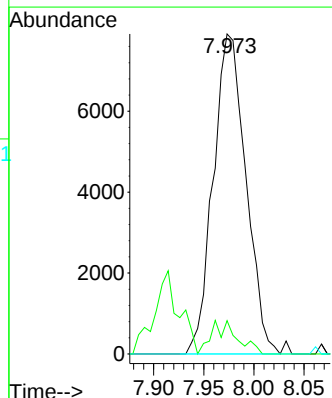
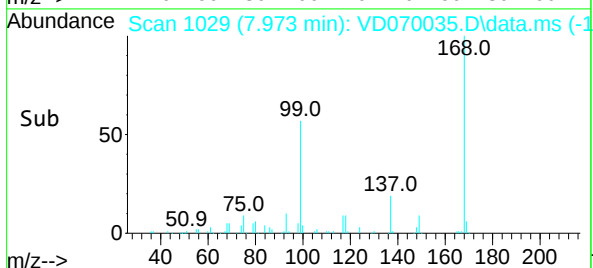
Tgt Ion:113 Resp: 159866
Ion Ratio Lower Upper
113 100
111 105.0 80.5 120.7
192 17.7 12.6 19.0

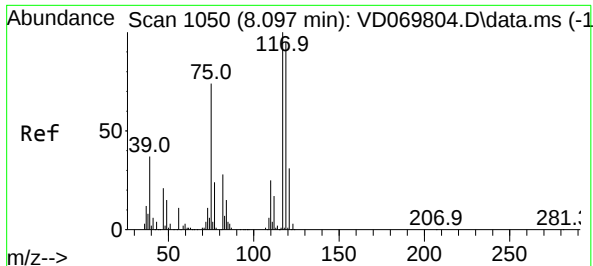


#36
1,1-Dichloropropene
Concen: 4.203 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52



Tgt Ion: 75 Resp: 17929
Ion Ratio Lower Upper
75 100
110 8.1 16.9 50.7#
77 0.0 24.9 37.3#



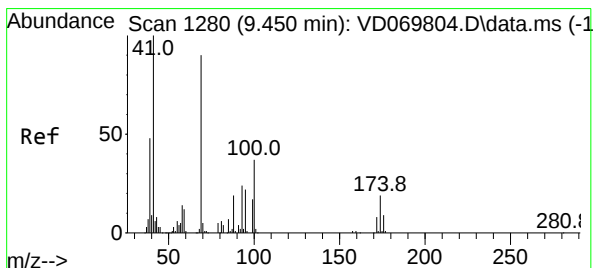
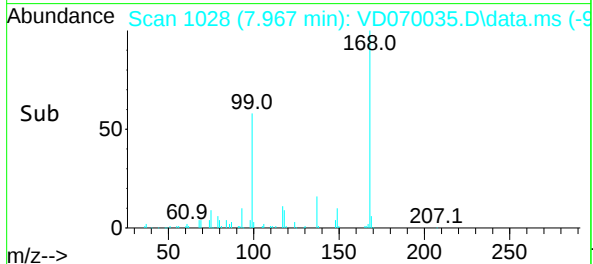
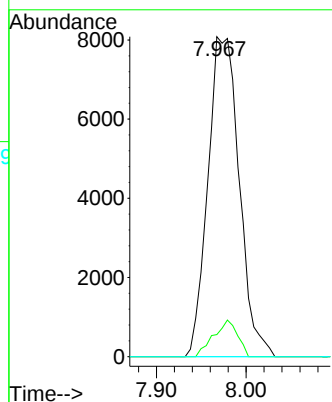
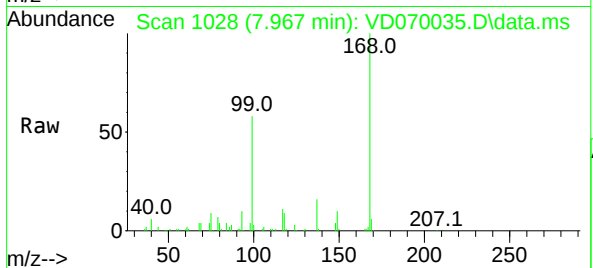


#38

Carbon Tetrachloride
Concen: 5.035 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.129 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-0-1

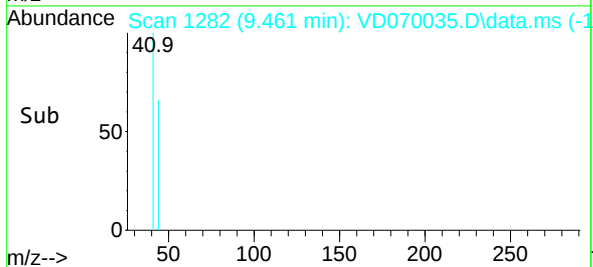
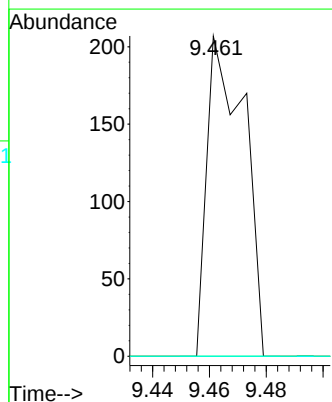
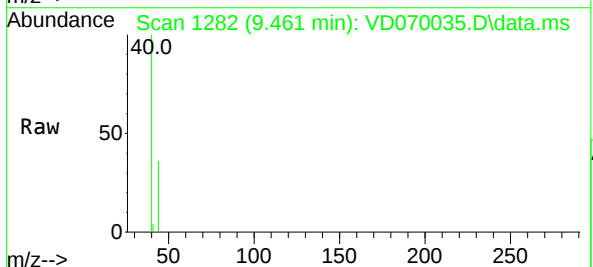
Tgt Ion:117 Resp: 19616
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 24.5 36.7#

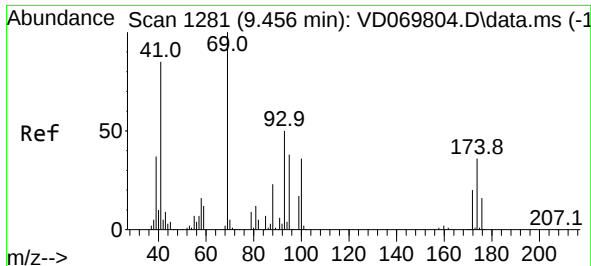


#48

Methyl methacrylate
Concen: 2.867 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.011 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Tgt Ion: 41 Resp: 188
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#

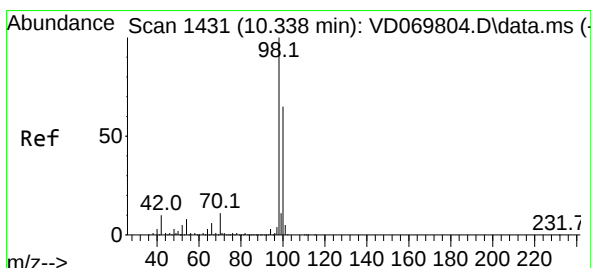
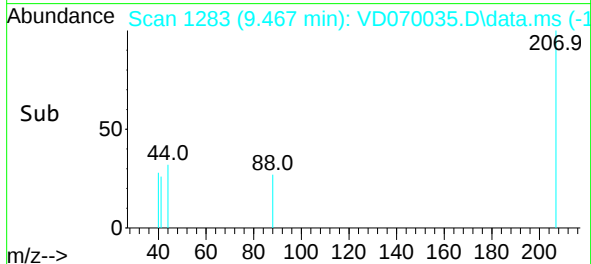
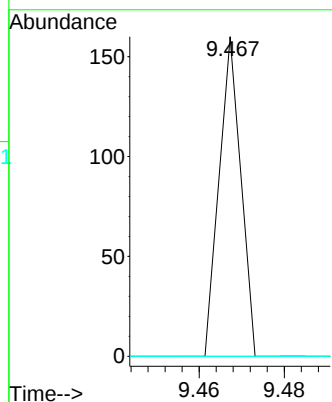
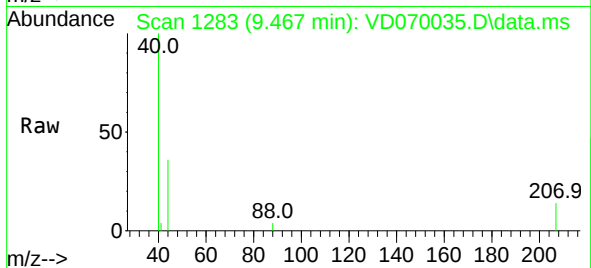




#49
1,4-Dioxane
Concen: 3.322 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.012 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

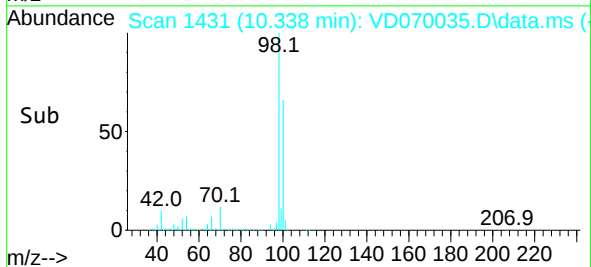
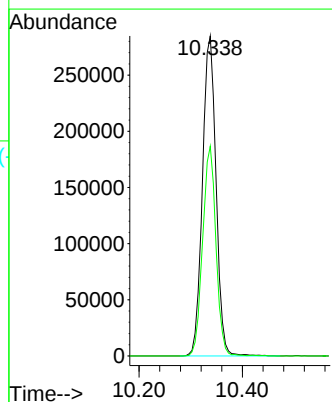
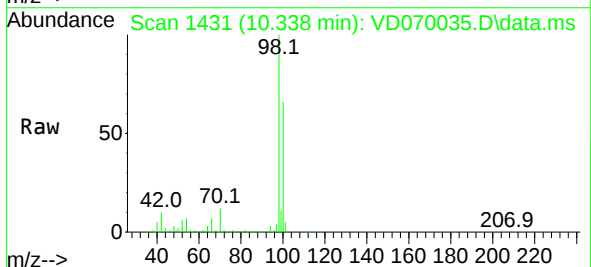
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-0-1

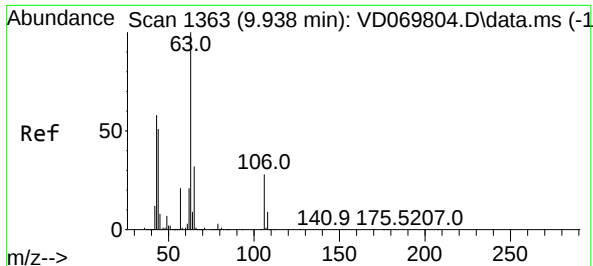
Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 0.0 26.8 40.2#
58 0.0 59.8 89.6#



#50
Toluene-d8
Concen: 54.048 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Tgt Ion: 98 Resp: 519282
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

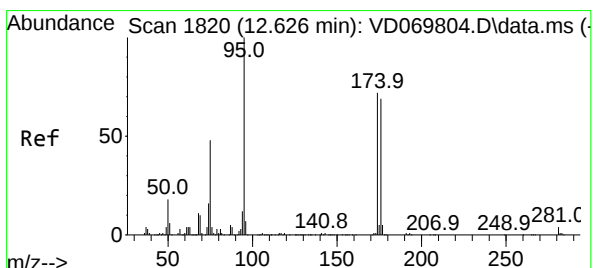
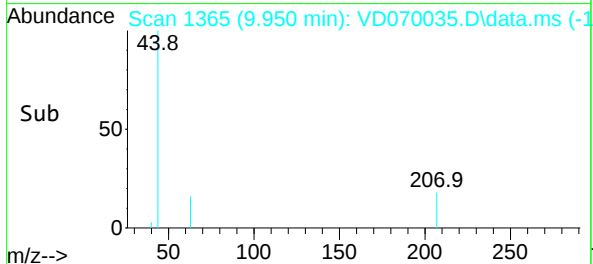
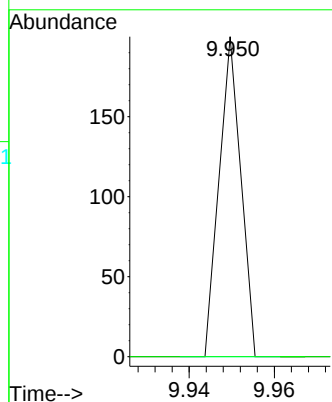
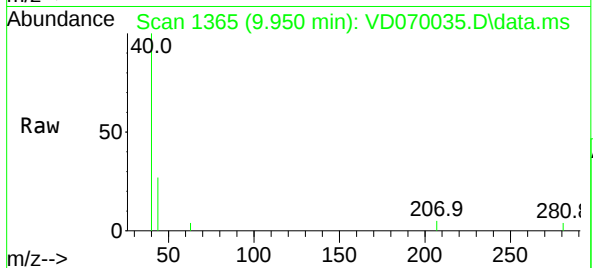




#58
2-Chloroethyl Vinyl ether
Concen: 20.923 ug/l
RT: 9.950 min Scan# 1365
Delta R.T. 0.012 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

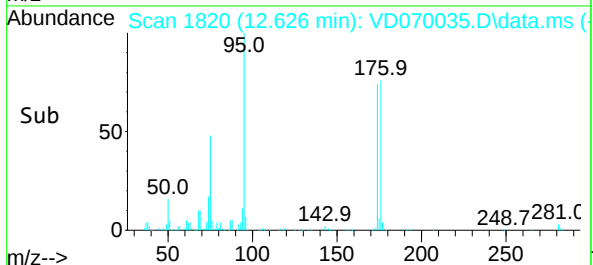
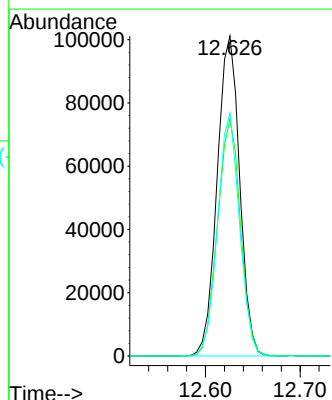
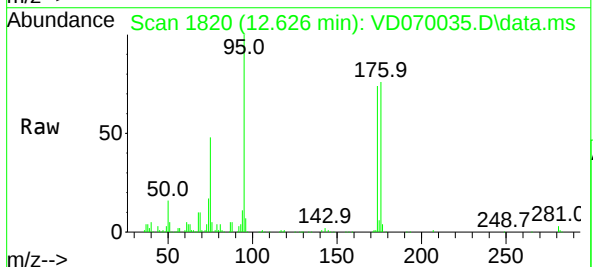
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-0-1

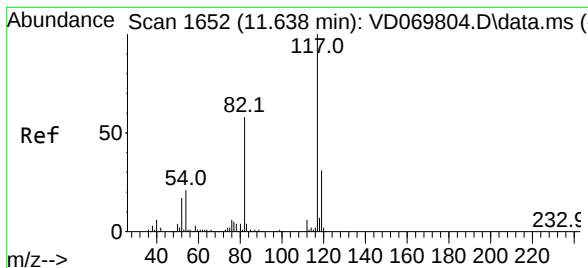
Tgt Ion: 63 Resp: 71
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#



#62
4-Bromofluorobenzene
Concen: 52.044 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Tgt Ion: 95 Resp: 167111
Ion Ratio Lower Upper
95 100
174 75.5 0.0 142.6
176 74.1 0.0 134.2

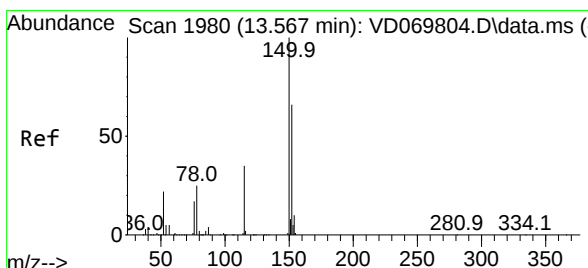
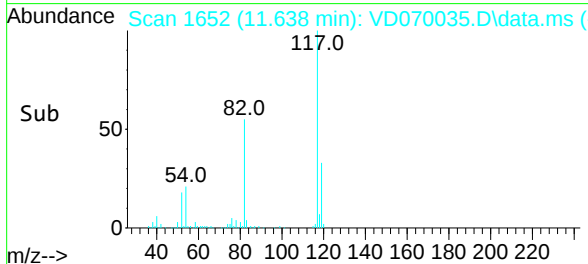
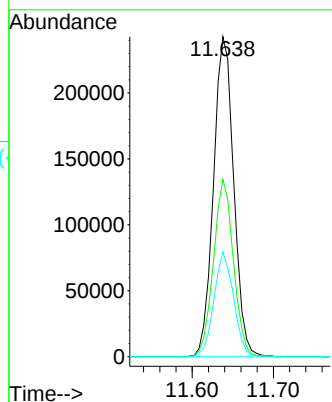
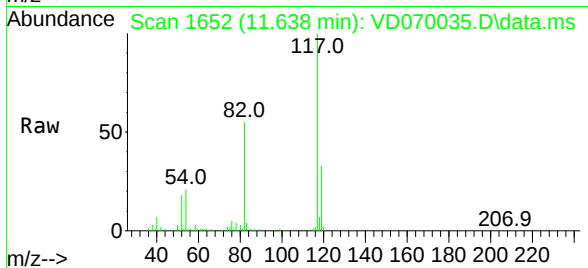




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

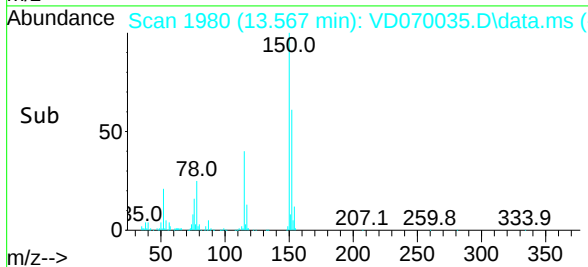
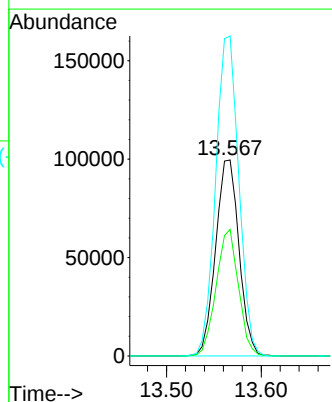
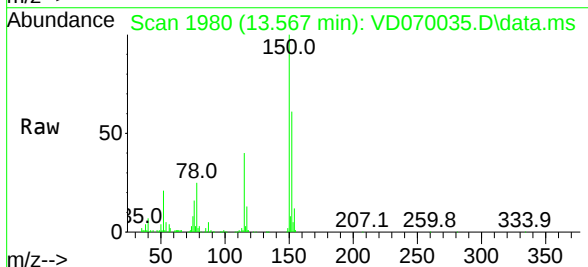
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-0-1

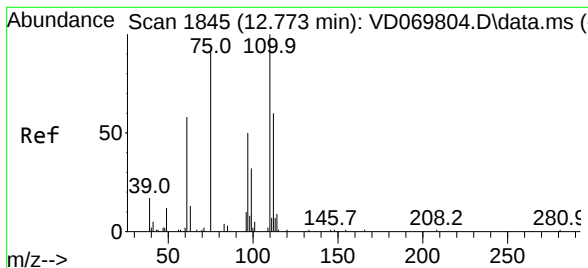
Tgt Ion:117 Resp: 420361
Ion Ratio Lower Upper
117 100
82 55.4 46.3 69.5
119 32.8 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Tgt Ion:152 Resp: 170992
Ion Ratio Lower Upper
152 100
115 61.7 31.1 93.3
150 161.4 0.0 343.0

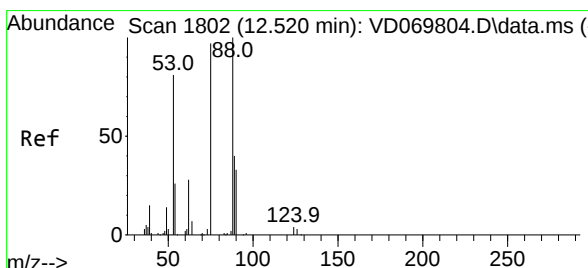
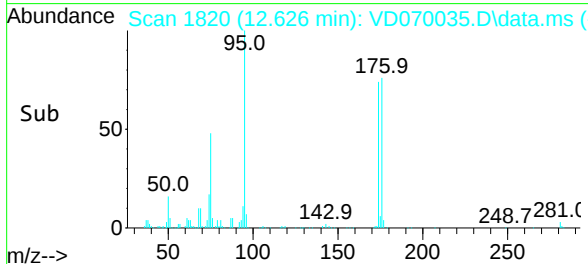
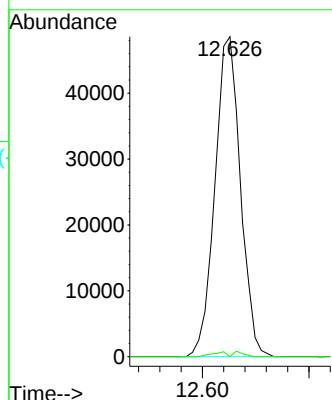
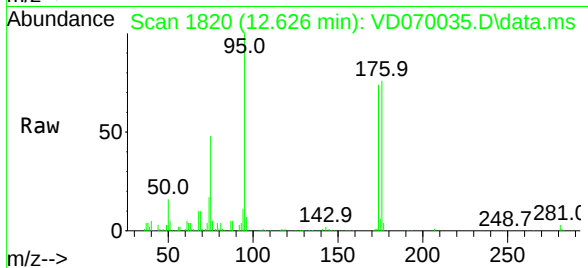




#76
1,2,3-Trichloropropane
Concen: 44.357 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

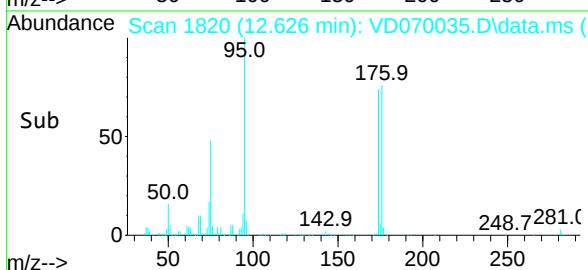
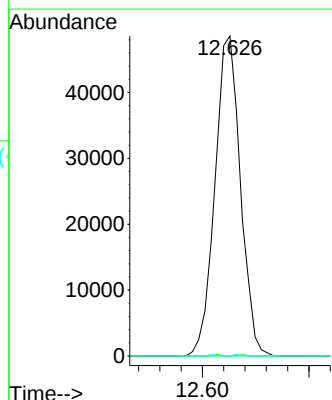
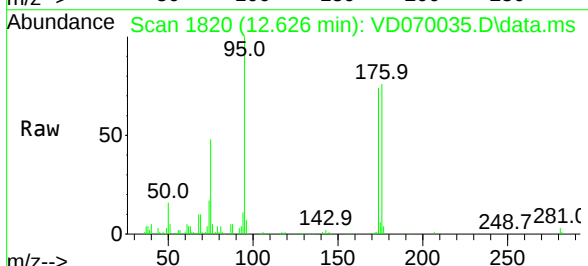
Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-0-1

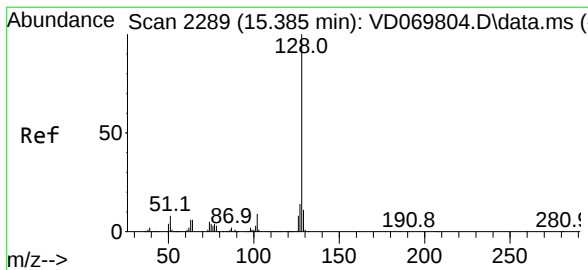
Tgt Ion: 75 Resp: 80619
Ion Ratio Lower Upper
75 100
77 0.8 181.5 544.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.566 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Tgt Ion: 75 Resp: 80619
Ion Ratio Lower Upper
75 100
53 0.1 67.2 100.8#
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 5.029 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD070035.D
Acq: 11 Aug 2021 20:52

Instrument :
MSVOA_D
ClientSampleId :
BSY1-SB-14-0-1

Tgt Ion:128 Resp: 190
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

