

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070502.D
 Acq On : 28 Sep 2021 15:03
 Operator : VA/SY
 Sample : M3922-05
 Misc : 6.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-03-(8-10)

Quant Time: Sep 28 23:42:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

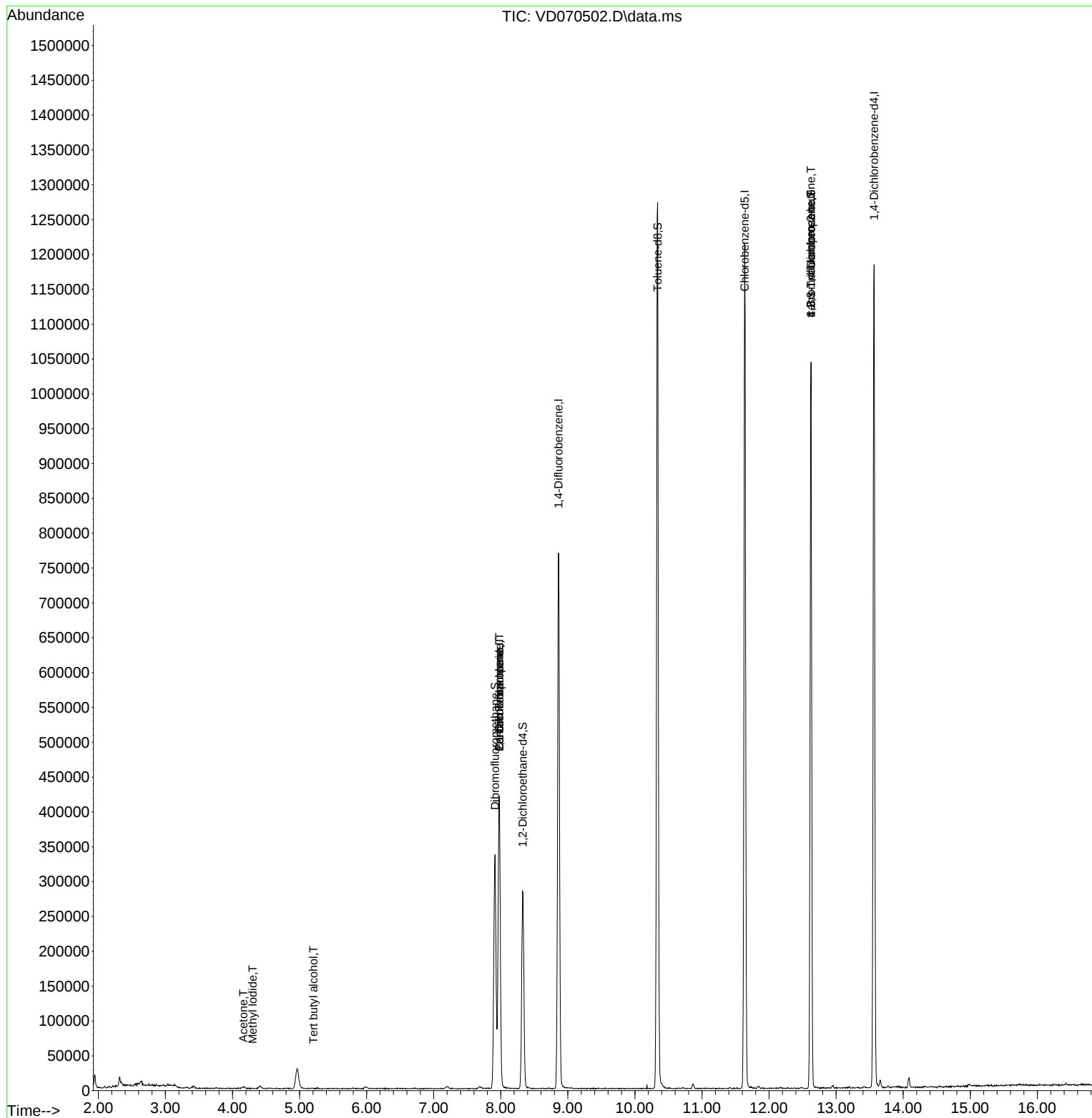
Internal Standards						
1) Pentafluorobenzene	7.979	168	302233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	666446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	727134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	324935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230433	59.379	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.760%	
35) Dibromofluoromethane	7.914	113	244280	51.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.980%	
50) Toluene-d8	10.338	98	901624	52.348	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.700%	
62) 4-Bromofluorobenzene	12.626	95	325306	54.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	162	Below Cal	#	43
3) Chloromethane	2.209	50	560	Below Cal	#	82
5) Bromomethane	2.773	94	303	Below Cal	#	56
6) Chloroethane	2.926	64	118	Below Cal	#	43
10) Methyl Iodide	4.303	142	131	1.063	ug/l #	91
11) Tert butyl alcohol	5.209	59	570	1.299	ug/l #	100
16) Acetone	4.162	43	3764	5.433	ug/l #	67
18) Methyl Acetate	4.873	43	76	Below Cal	#	48
20) Methylene Chloride	4.967	84	23475	Below Cal	#	83
36) 1,1-Dichloropropene	7.979	75	26885	3.774	ug/l #	49
38) Carbon Tetrachloride	7.979	117	32645	4.634	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	157040	47.780	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	157040	119.716	ug/l #	17

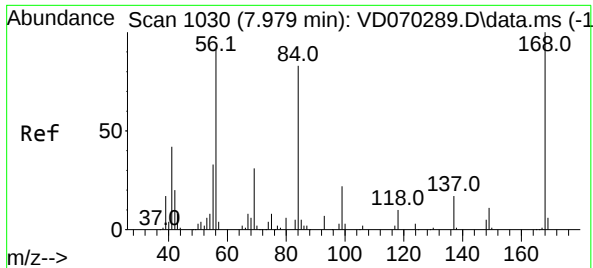
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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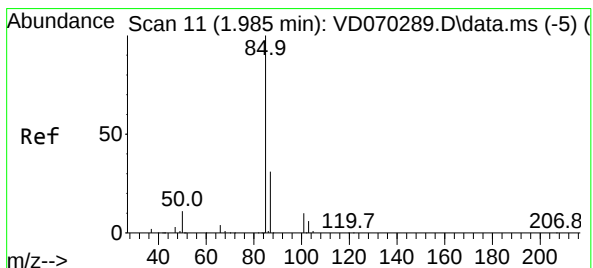
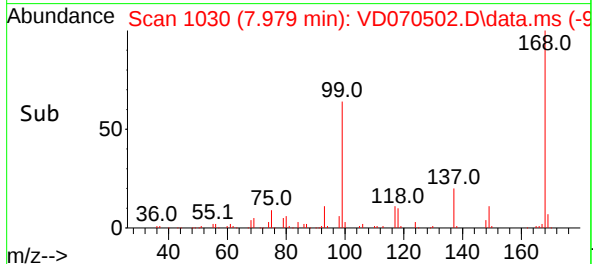
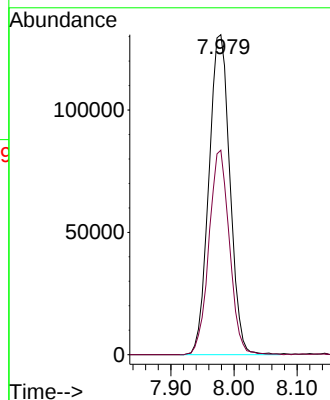
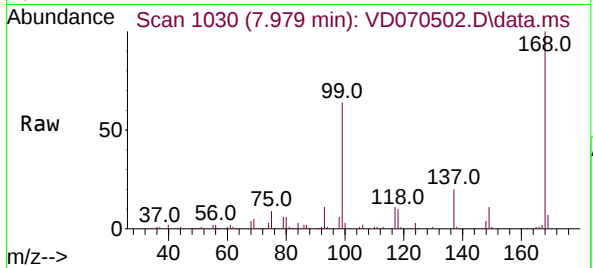




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

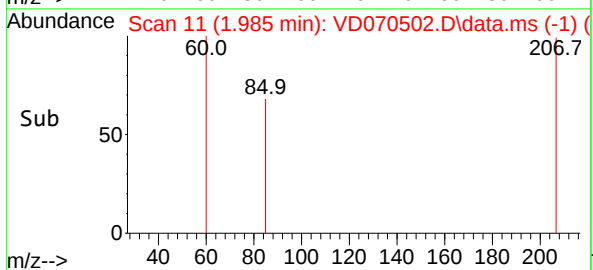
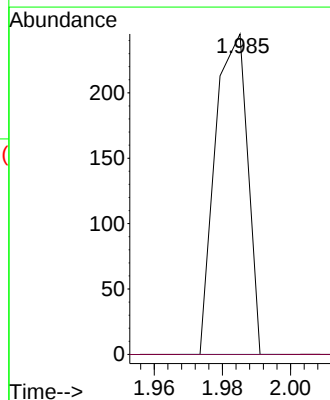
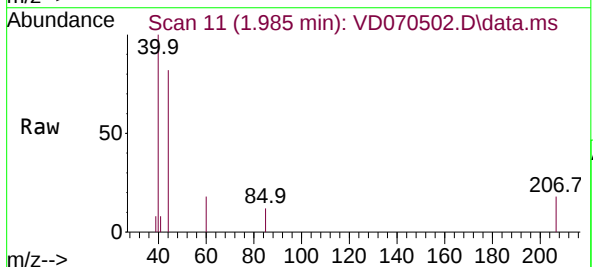
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-03-(8-10)

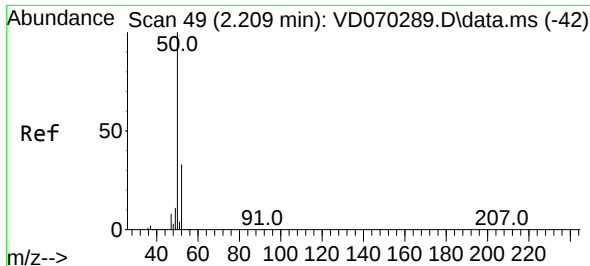
Tgt Ion:168 Resp: 302233
Ion Ratio Lower Upper
168 100
99 63.9 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Tgt Ion: 85 Resp: 162
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

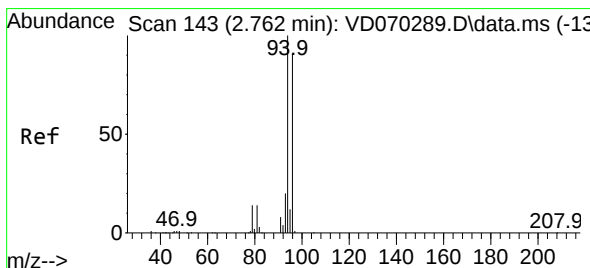
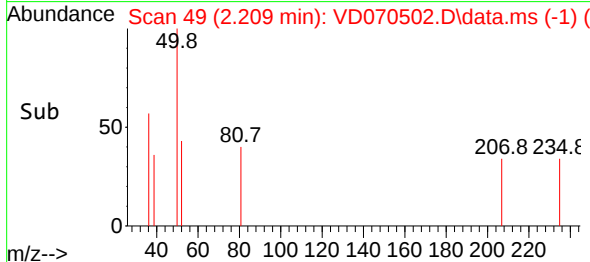
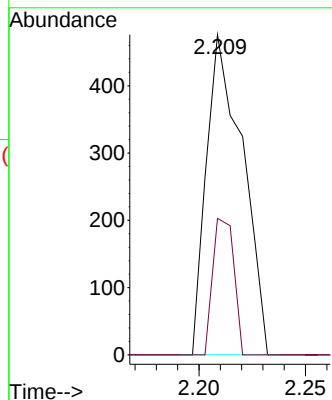
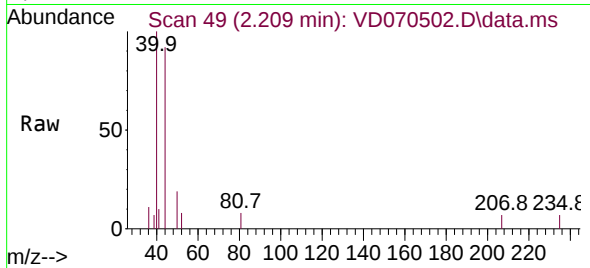




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

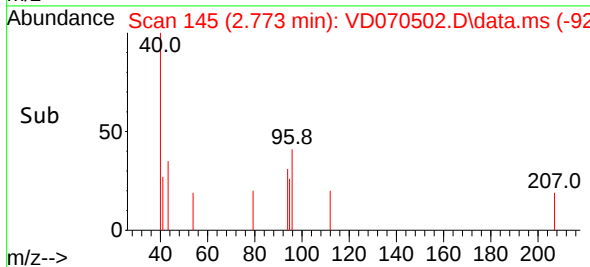
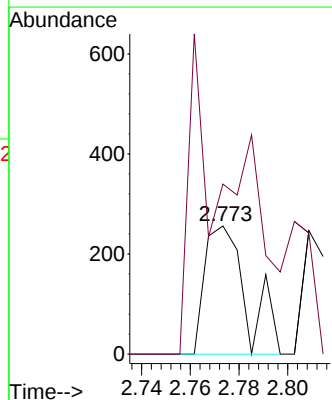
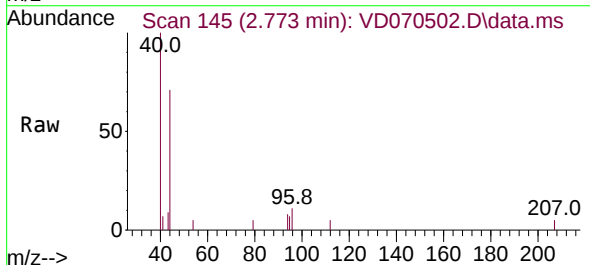
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-03-(8-10)

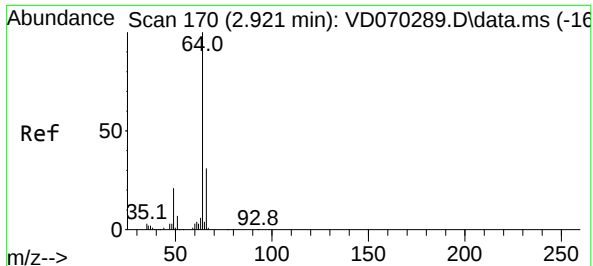
Tgt Ion: 50 Resp: 560
Ion Ratio Lower Upper
50 100
52 42.6 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Tgt Ion: 94 Resp: 303
Ion Ratio Lower Upper
94 100
96 132.8 73.0 109.6#

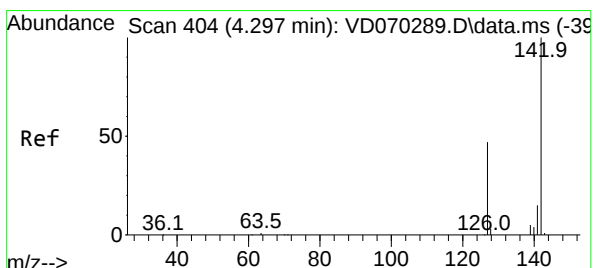
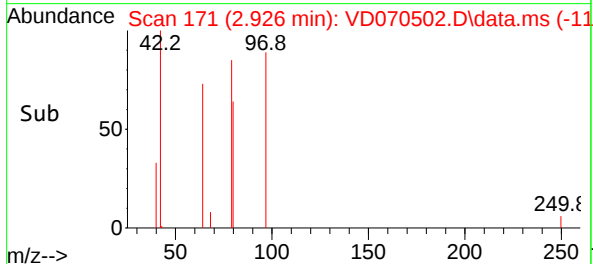
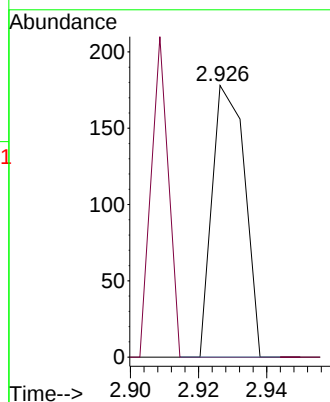
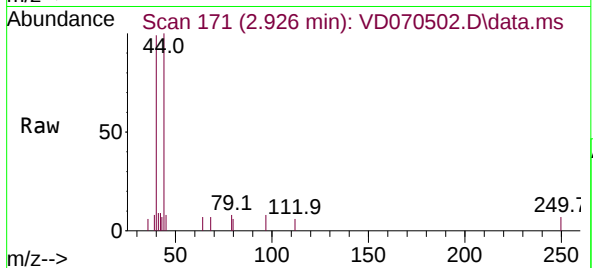




#6
Chloroethane
Concen: Below Cal
RT: 2.926 min Scan# 171
Delta R.T. 0.005 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

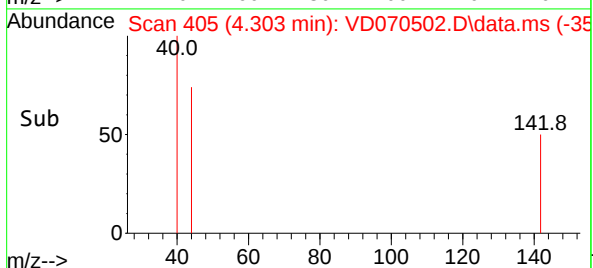
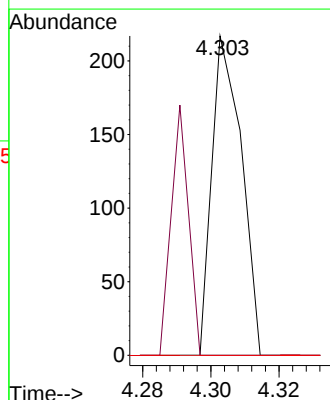
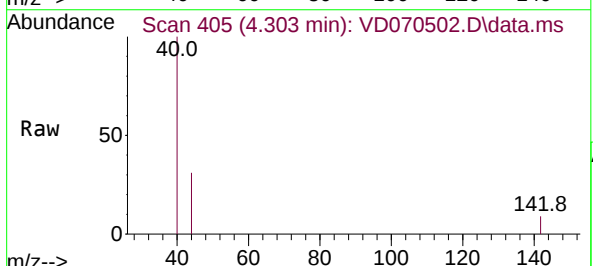
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-03-(8-10)

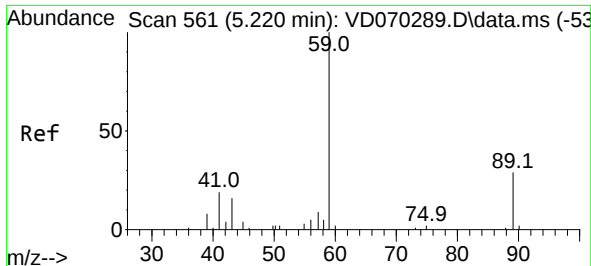
Tgt Ion: 64 Resp: 118
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.063 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Tgt Ion: 142 Resp: 131
Ion Ratio Lower Upper
142 100
127 45.8 36.9 55.3
141 0.0 11.8 17.6#

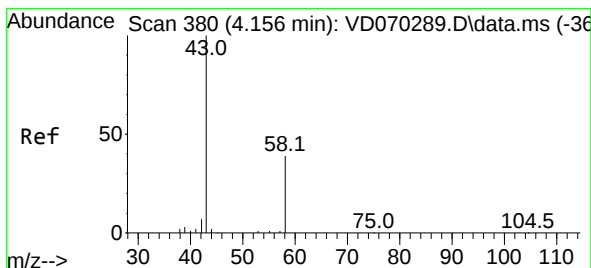
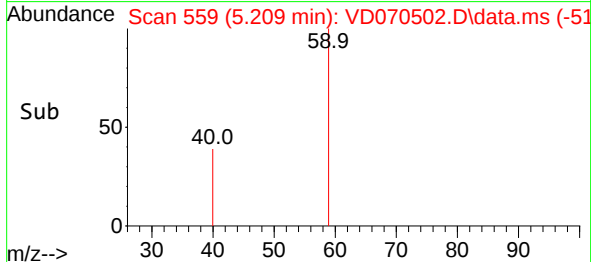
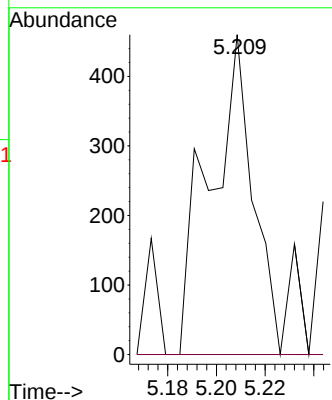
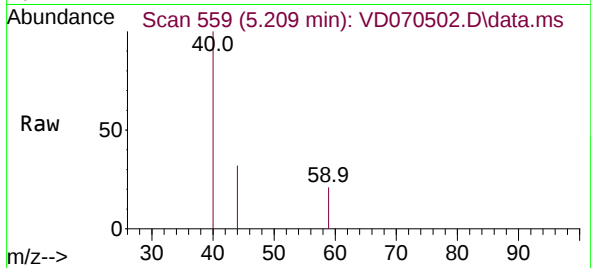




#11
Tert butyl alcohol
Concen: 1.299 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

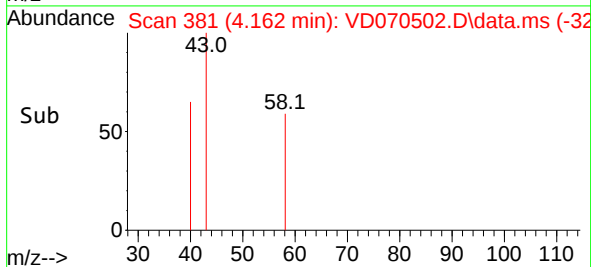
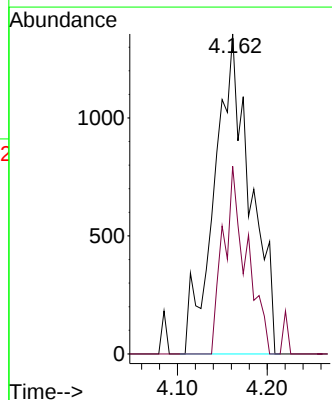
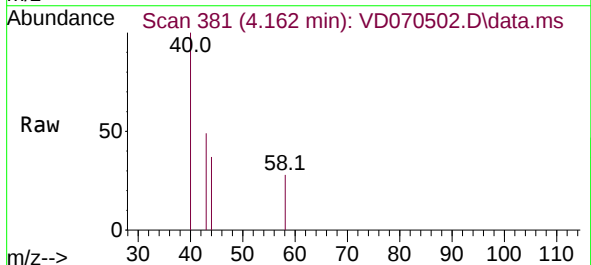
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-03-(8-10)

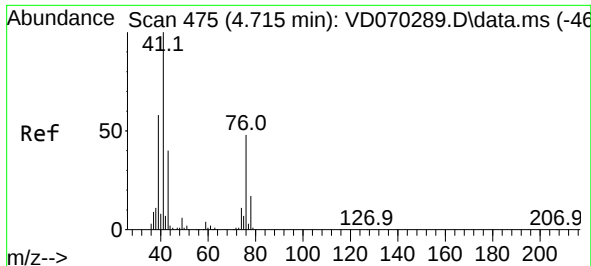
Tgt Ion: 59 Resp: 570
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 5.433 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Tgt Ion: 43 Resp: 3764
Ion Ratio Lower Upper
43 100
58 58.6 30.9 46.3#

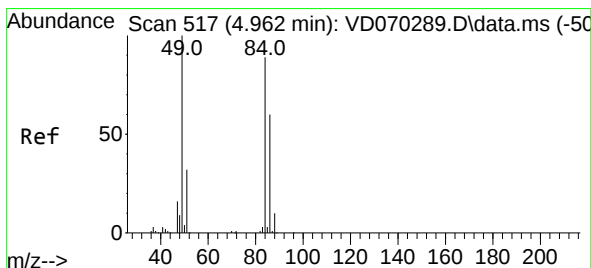
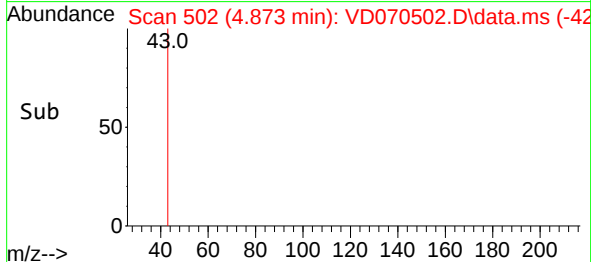
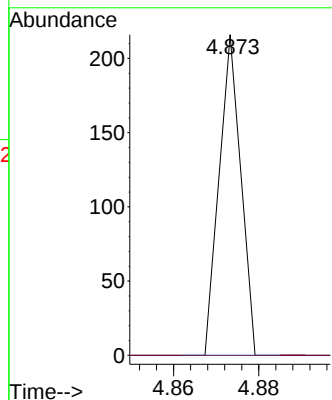
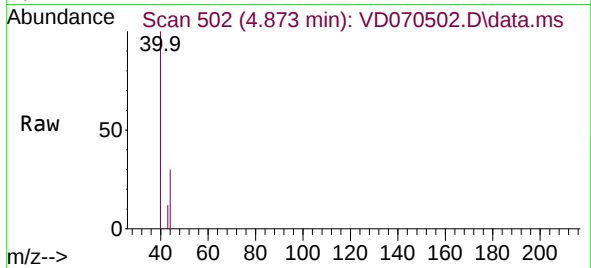




#18
Methyl Acetate
Concen: Below Cal
RT: 4.873 min Scan# 502
Delta R.T. 0.158 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

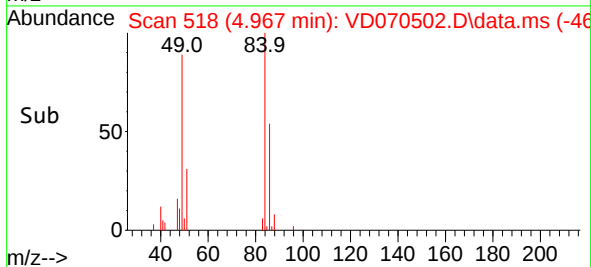
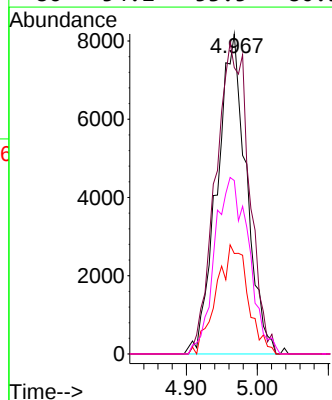
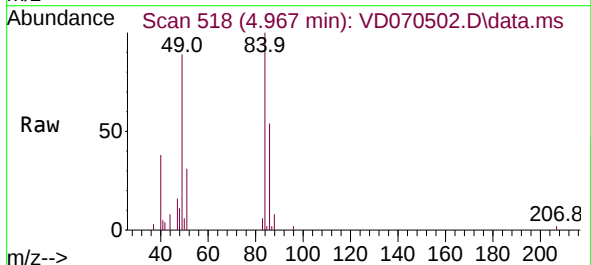
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-03-(8-10)

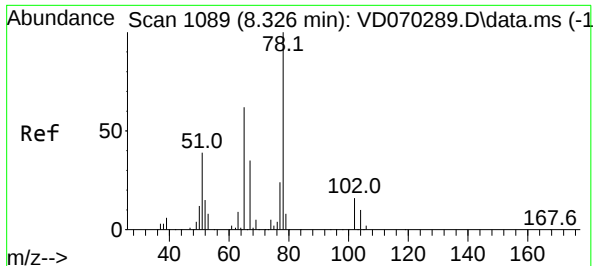
Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Tgt Ion: 84 Resp: 23475
Ion Ratio Lower Upper
84 100
49 89.5 89.6 134.4#
51 31.4 28.6 43.0
86 54.2 53.5 80.3



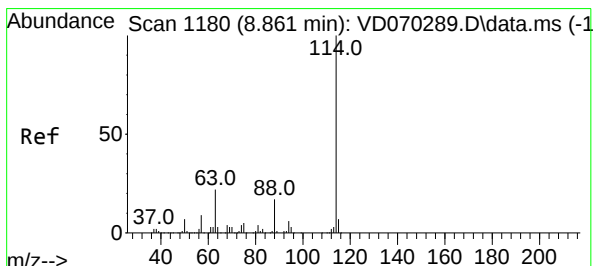
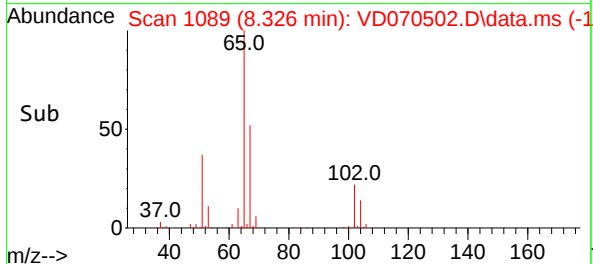
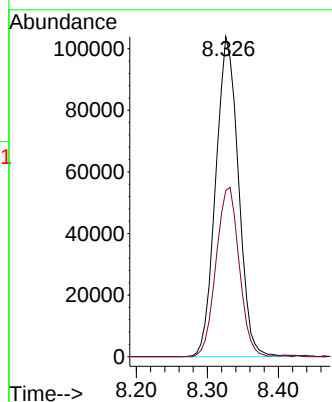
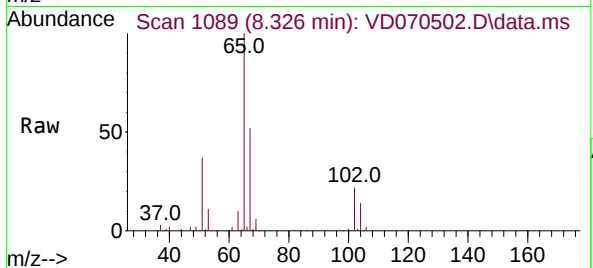


#33

1,2-Dichloroethane-d4
Concen: 59.379 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-03-(8-10)

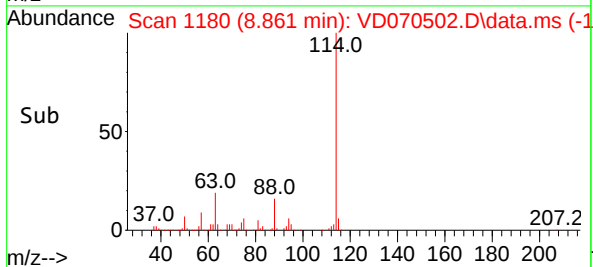
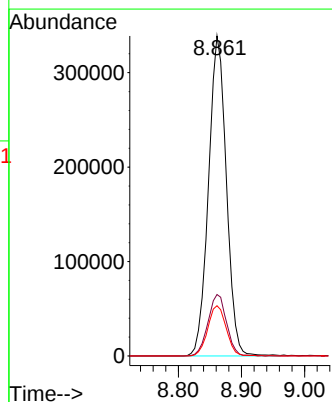
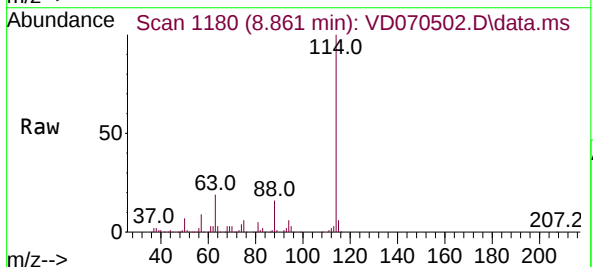
Tgt Ion: 65 Resp: 230433
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.4

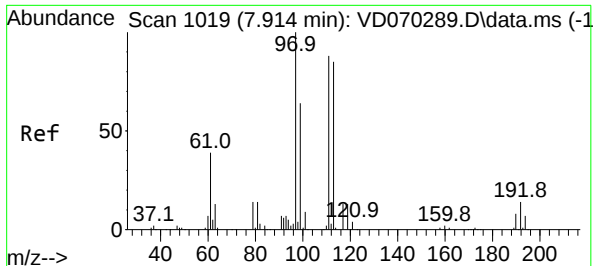


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Tgt Ion:114 Resp: 666446
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.4
88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.494 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070502.D

Acq: 28 Sep 2021 15:03

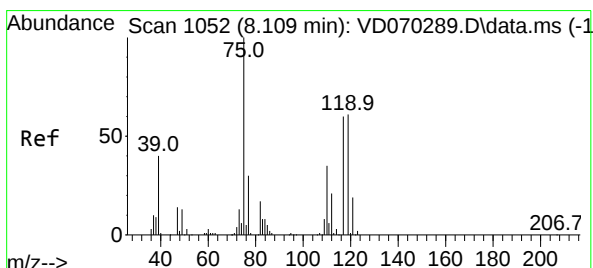
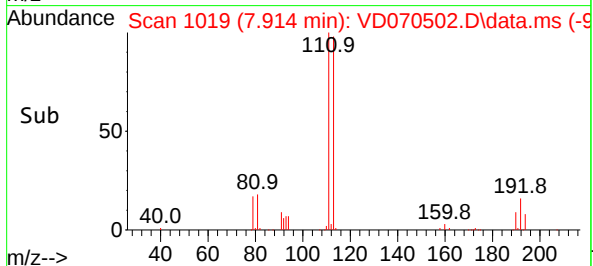
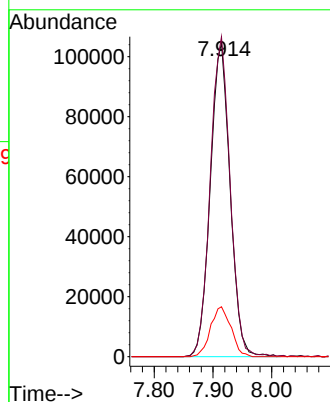
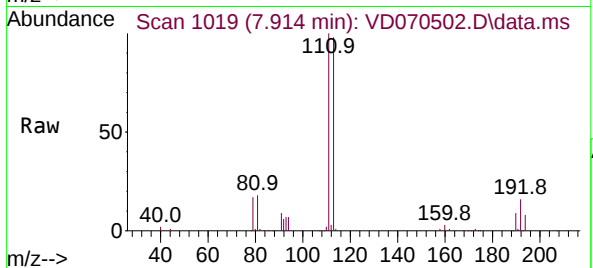
Tgt Ion:113 Resp: 244280

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.2

192 16.5 13.0 19.6



#36

1,1-Dichloropropene

Concen: 3.774 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD070502.D

Acq: 28 Sep 2021 15:03

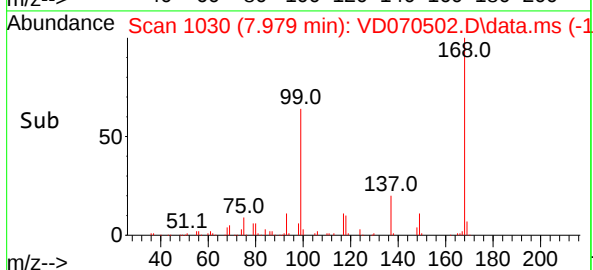
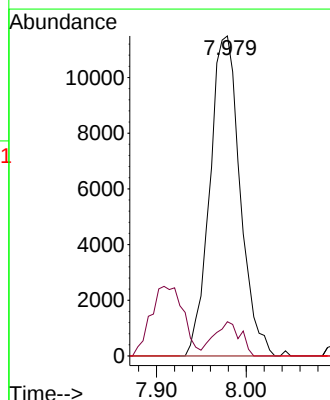
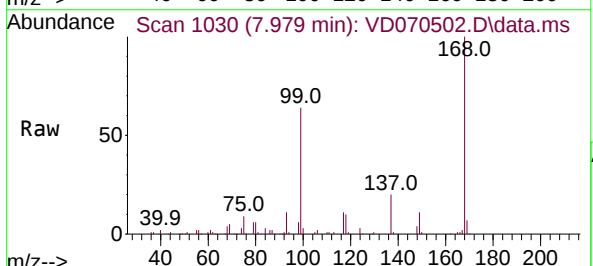
Tgt Ion: 75 Resp: 26885

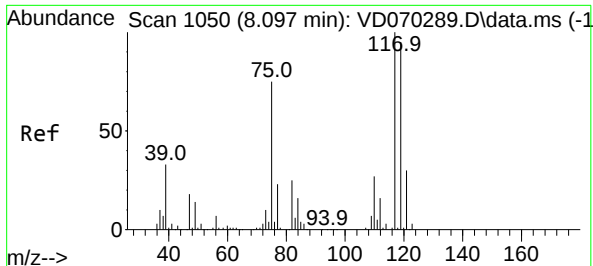
Ion Ratio Lower Upper

75 100

110 9.3 17.9 53.7#

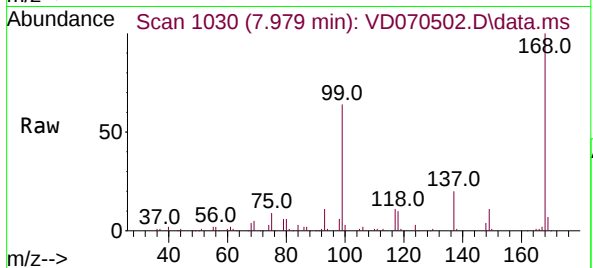
77 0.0 25.3 37.9#



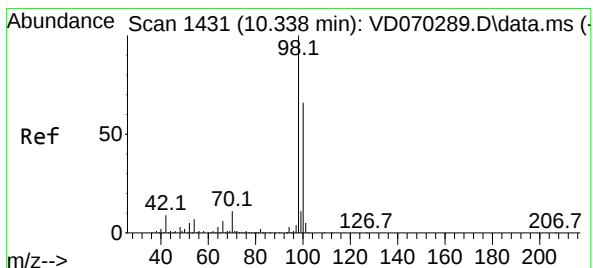
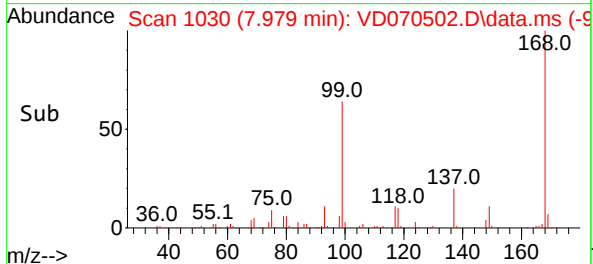
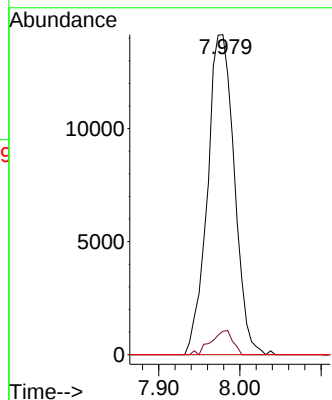


#38
Carbon Tetrachloride
Concen: 4.634 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-03-(8-10)

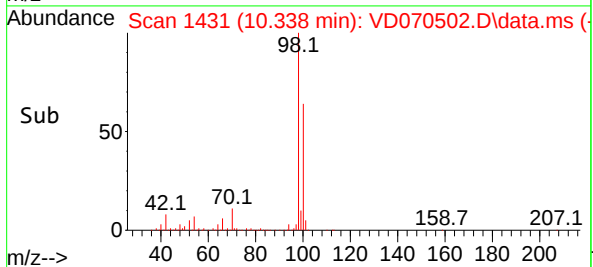
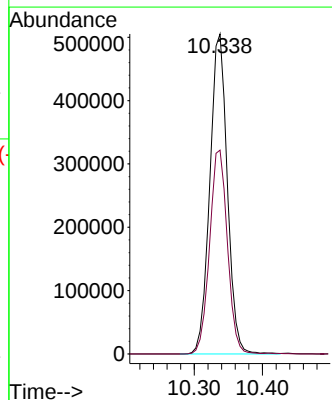
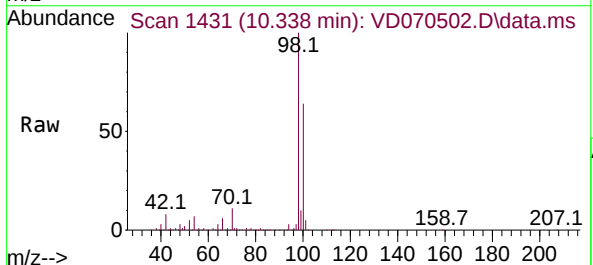


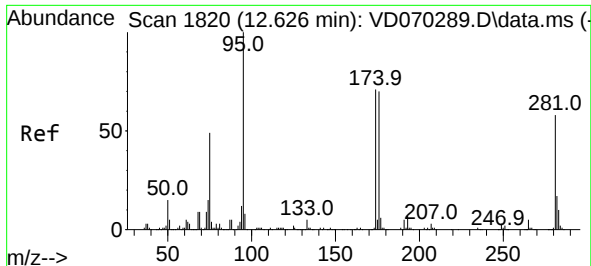
Tgt Ion:117 Resp: 32645
Ion Ratio Lower Upper
117 100
119 7.3 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 52.348 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Tgt Ion: 98 Resp: 901624
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

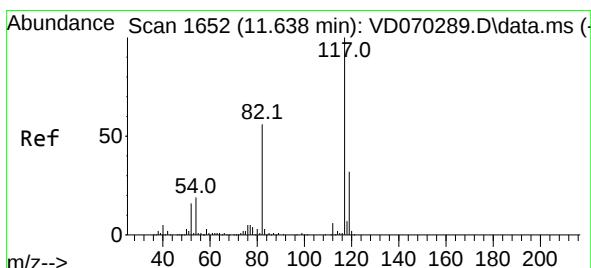
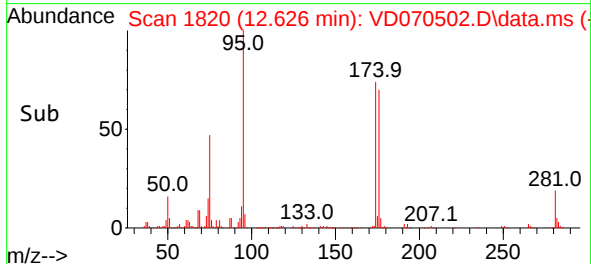
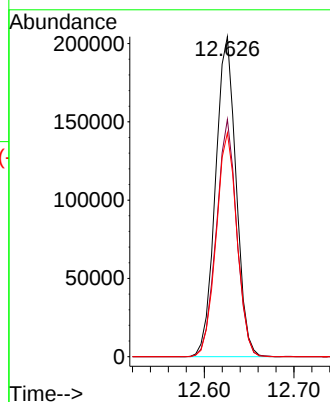
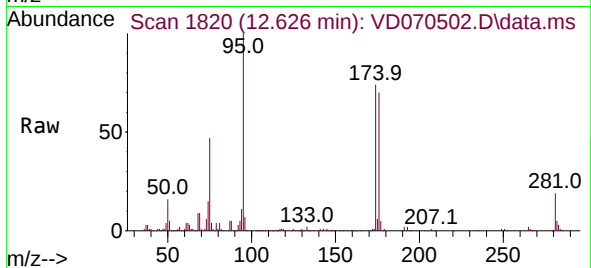




#62
4-Bromofluorobenzene
Concen: 54.042 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

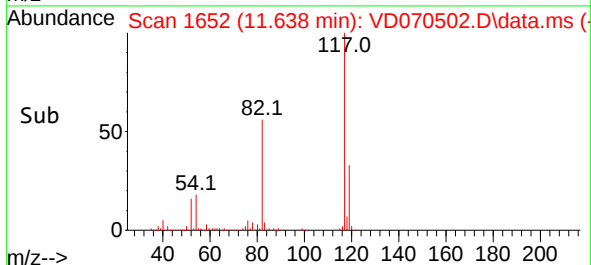
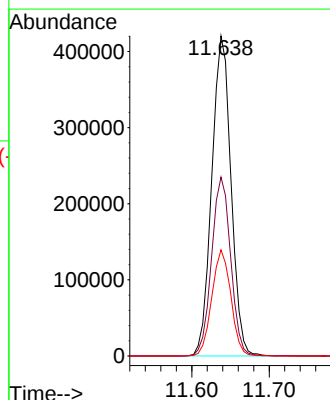
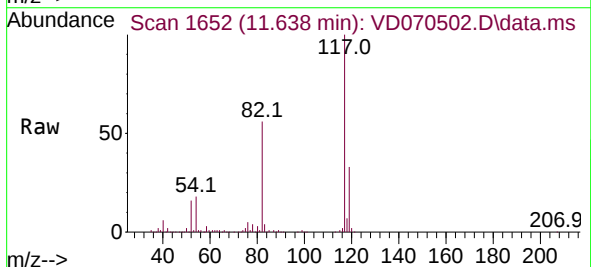
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-03-(8-10)

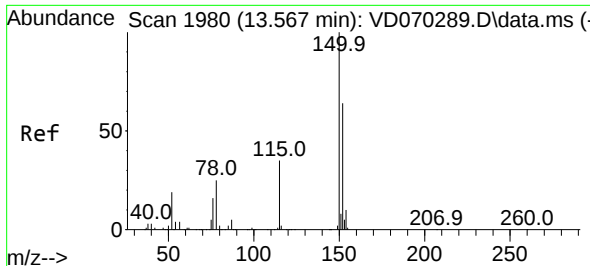
Tgt Ion: 95 Resp: 325306
Ion Ratio Lower Upper
95 100
174 73.2 0.0 140.6
176 70.8 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Tgt Ion: 117 Resp: 727134
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 33.1 25.2 37.8

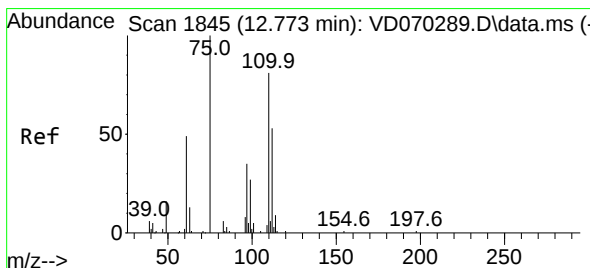
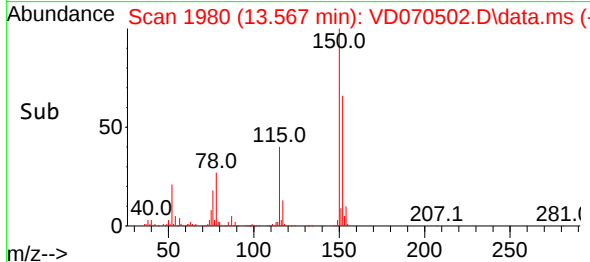
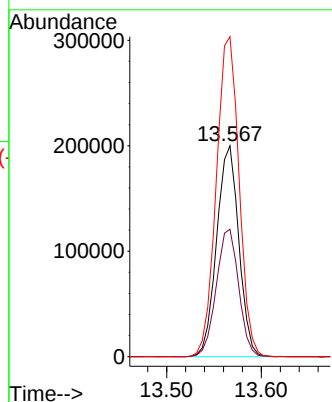
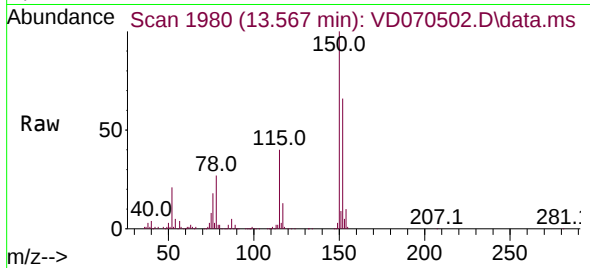




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070502.D
 Acq: 28 Sep 2021 15:03

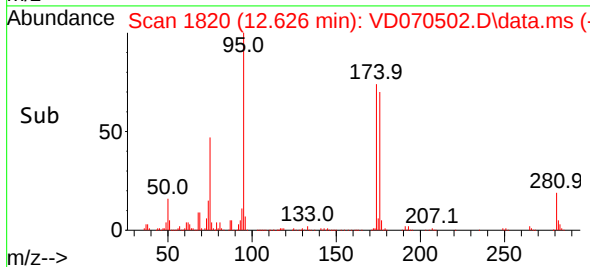
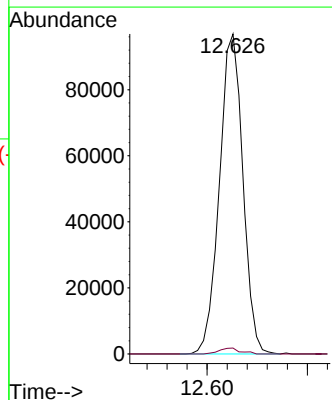
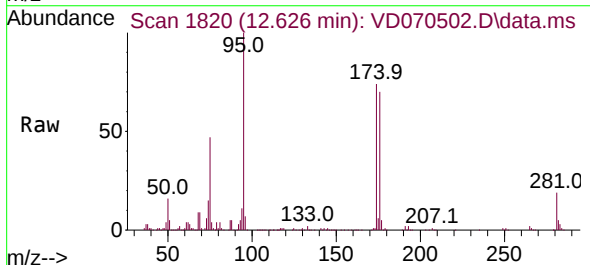
Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-03-(8-10)

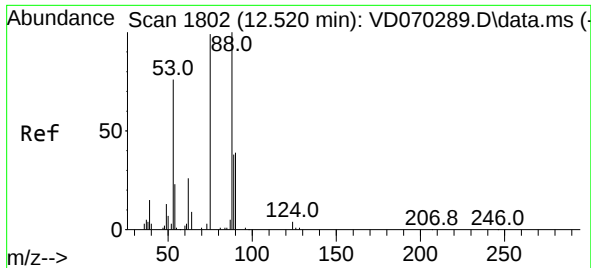
Tgt Ion:152 Resp: 324935
 Ion Ratio Lower Upper
 152 100
 115 61.4 32.1 96.3
 150 156.1 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 47.780 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070502.D
 Acq: 28 Sep 2021 15:03

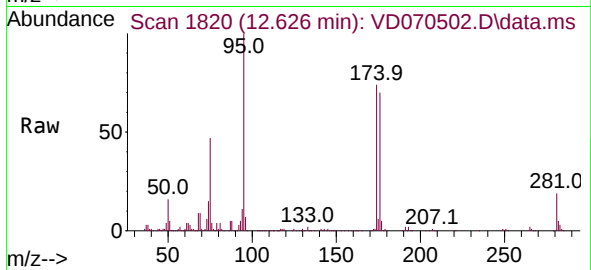
Tgt Ion: 75 Resp: 157040
 Ion Ratio Lower Upper
 75 100
 77 1.6 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.716 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070502.D
 Acq: 28 Sep 2021 15:03

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-03-(8-10)



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.2	96.2#
89	0.2	35.6	53.4#

