

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070309.D
 Acq On : 10 Sep 2021 19:39
 Operator : VA/SY
 Sample : M3684-10
 Misc : 5.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

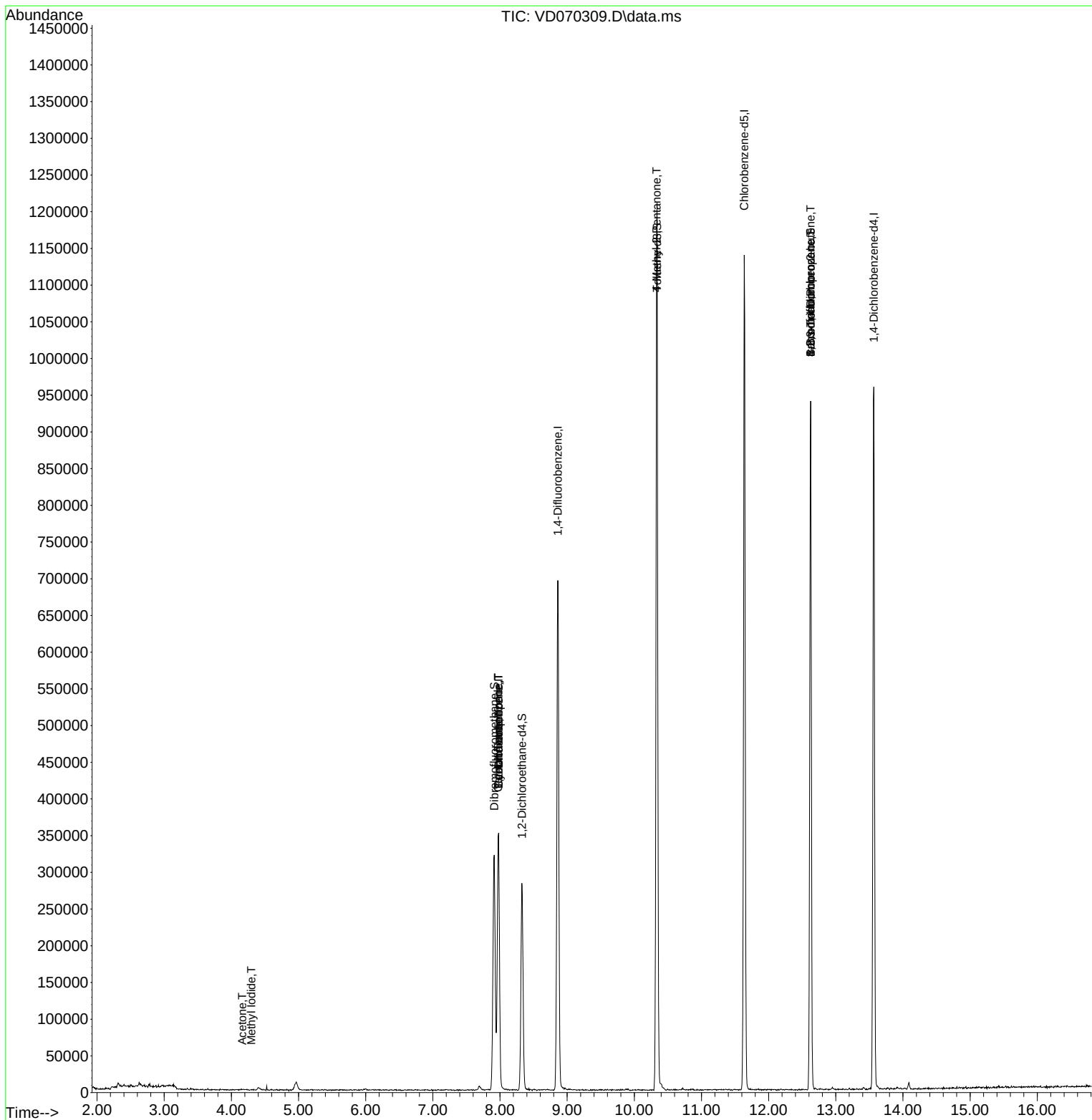
Quant Time: Sep 11 02:28:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

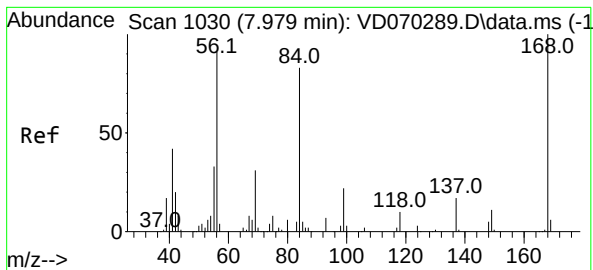
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	242114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	597614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	652272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	251969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	222036	71.422	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 142.840%			
35) Dibromofluoromethane	7.914	113	234258	55.069	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.140%			
50) Toluene-d8	10.338	98	830152	53.749	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.500%			
62) 4-Bromofluorobenzene	12.626	95	277518	51.413	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	54	Below Cal	#	43
3) Chloromethane	2.203	50	696	Below Cal		99
5) Bromomethane	2.779	94	1926	Below Cal	#	62
6) Chloroethane	2.956	64	98	Below Cal	#	43
10) Methyl Iodide	4.297	142	233	1.105 ug/l	#	71
16) Acetone	4.162	43	860	1.549 ug/l	#	36
18) Methyl Acetate	4.950	43	127	Below Cal	#	48
20) Methylene Chloride	4.967	84	8378	Below Cal		98
31) Cyclohexane	7.979	56	6921	1.292 ug/l	#	1
36) 1,1-Dichloropropene	7.979	75	23060	3.610 ug/l	#	47
38) Carbon Tetrachloride	7.973	117	27021	4.277 ug/l	#	17
51) 4-Methyl-2-Pentanone	10.332	43	3592	1.572 ug/l	#	1
71) Bromoform	12.626	173	2780	1.137 ug/l	#	1
76) 1,2,3-Trichloropropane	12.626	75	138415	54.308 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	138415	136.074 ug/l	#	18

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

Quant Time: Sep 11 02:28:51 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

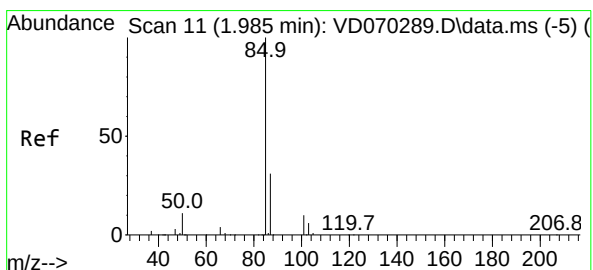
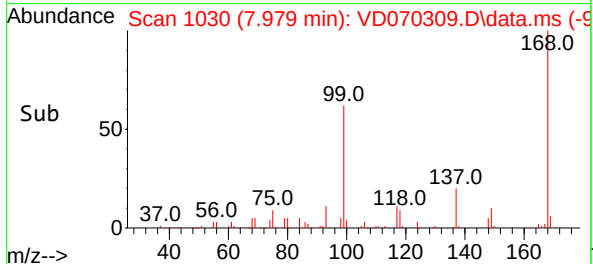
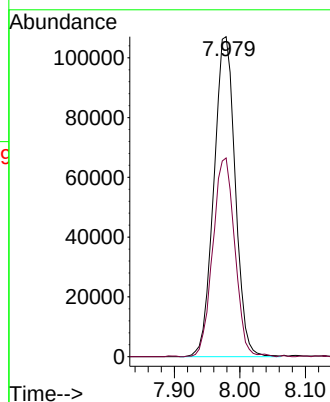
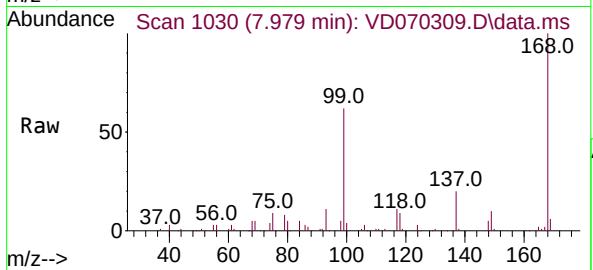




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

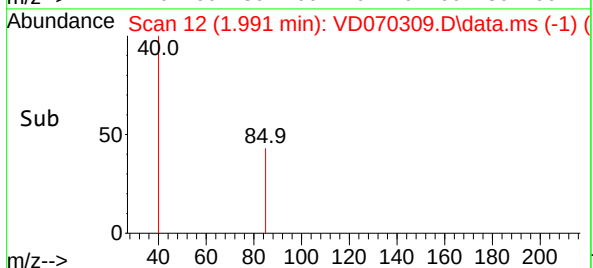
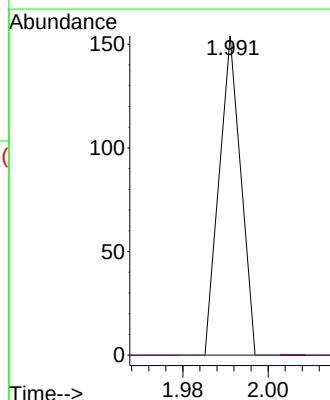
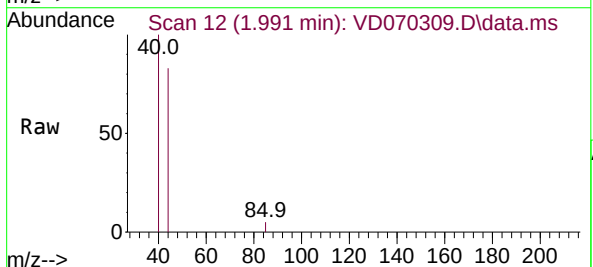
Instrument :
MSVOA_D
ClientSampled :

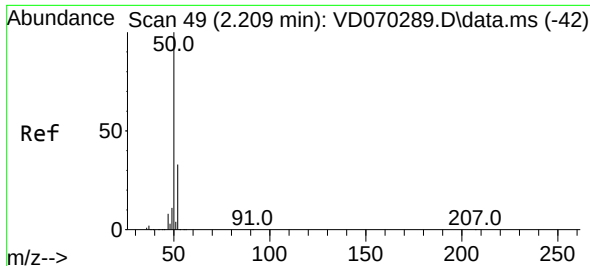
Tgt Ion:168 Resp: 242114
Ion Ratio Lower Upper
168 100
99 62.1 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

Tgt Ion: 85 Resp: 54
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

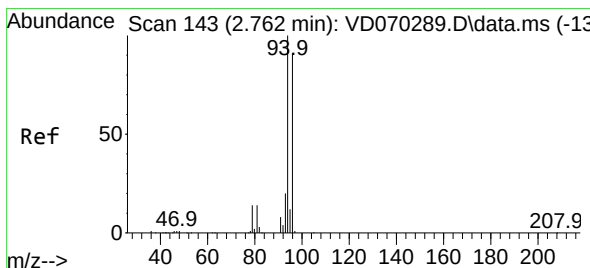
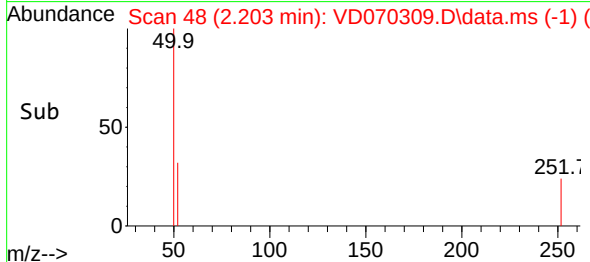
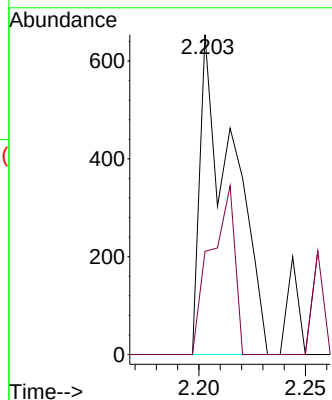
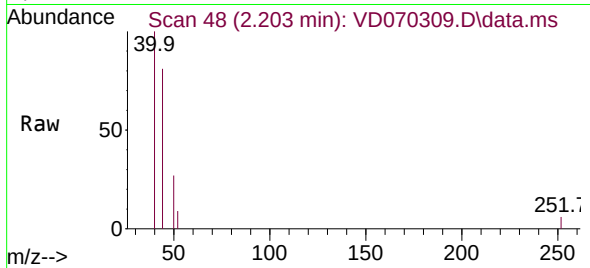




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

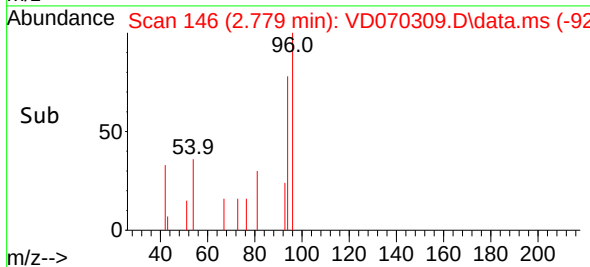
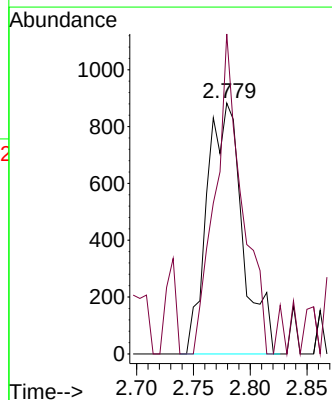
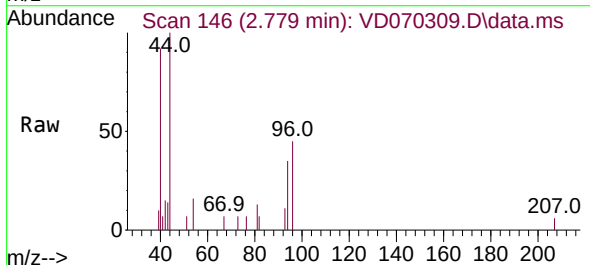
Instrument :
MSVOA_D
ClientSampled :

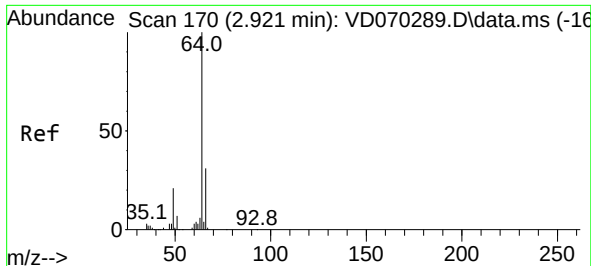
Tgt Ion: 50 Resp: 696
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.2



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

Tgt Ion: 94 Resp: 1926
Ion Ratio Lower Upper
94 100
96 127.5 73.0 109.6#

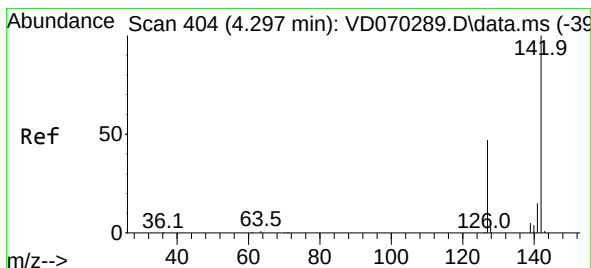
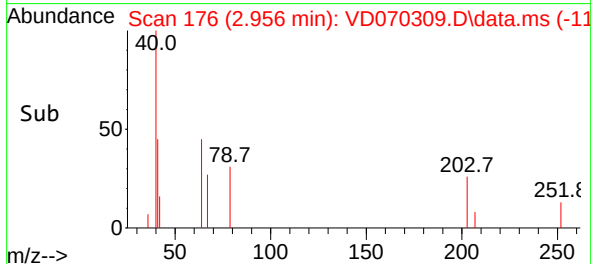
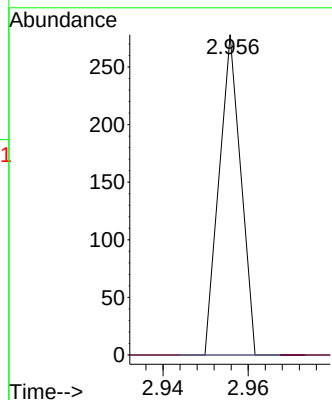
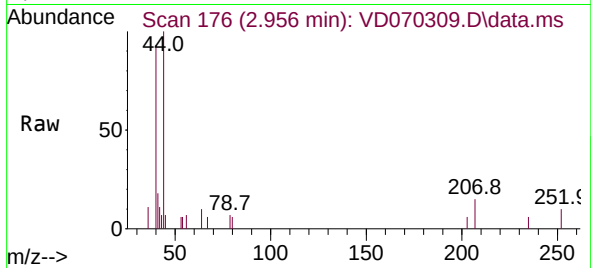




#6
Chloroethane
Concen: Below Cal
RT: 2.956 min Scan# 176
Delta R.T. 0.035 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

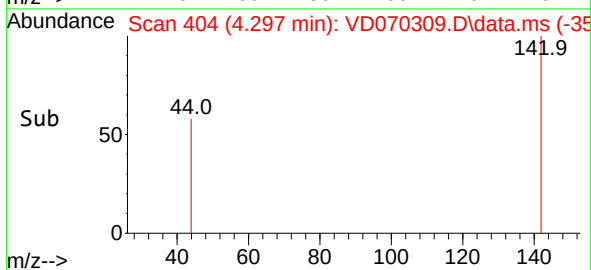
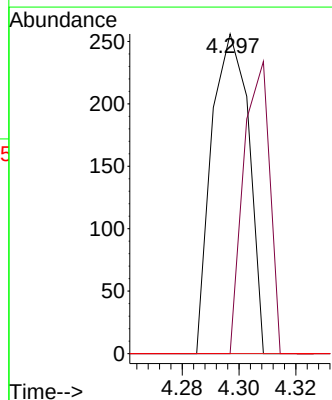
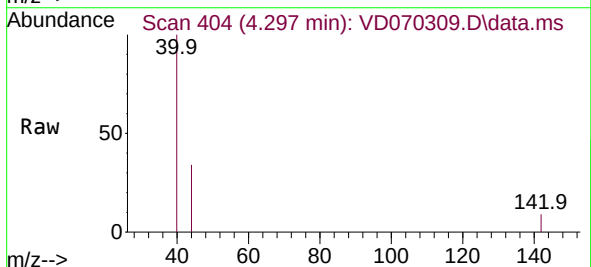
Instrument :
MSVOA_D
ClientSampled :

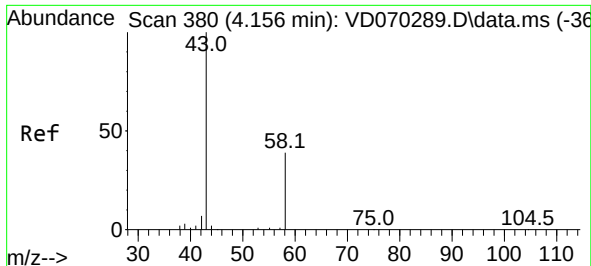
Tgt Ion: 64 Resp: 98
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.105 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

Tgt Ion: 142 Resp: 233
Ion Ratio Lower Upper
142 100
127 63.9 36.9 55.3#
141 0.0 11.8 17.6#

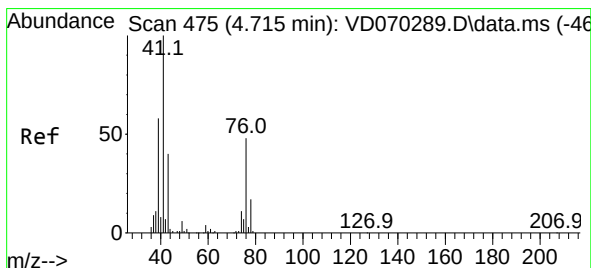
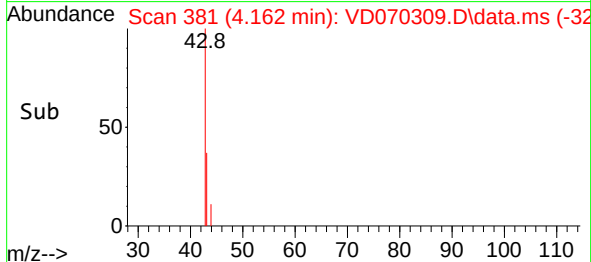
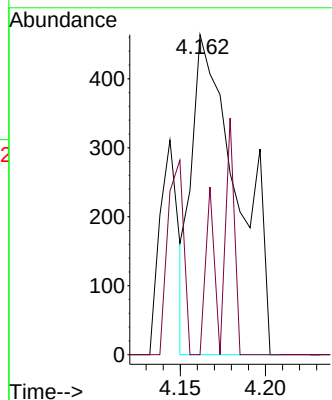
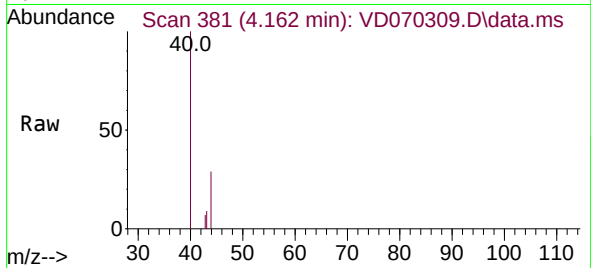




#16
Acetone
Concen: 1.549 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

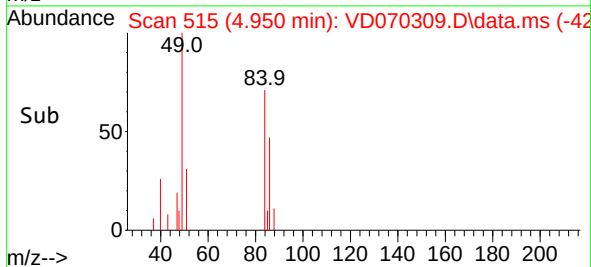
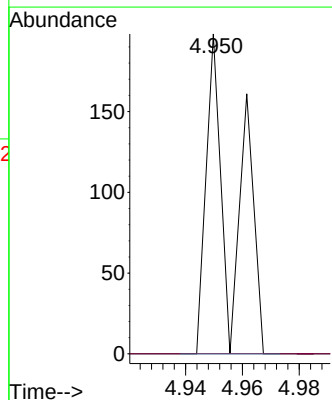
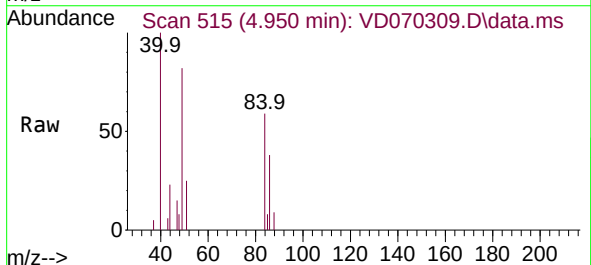
Instrument :
MSVOA_D
ClientSampled :

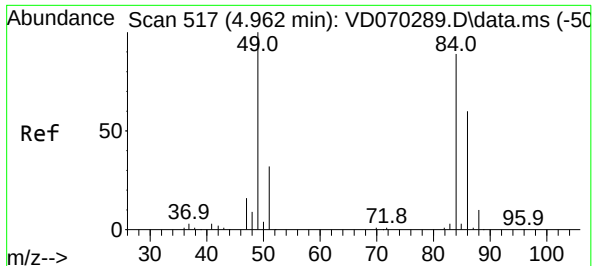
Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. 0.235 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

Tgt Ion: 43 Resp: 127
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: VD070309.D

Acq: 10 Sep 2021 19:39

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 84 Resp: 8378

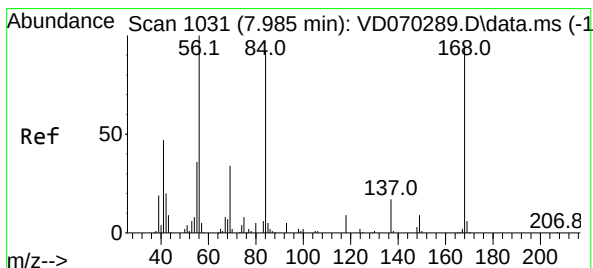
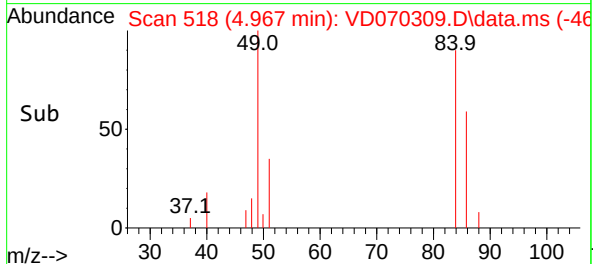
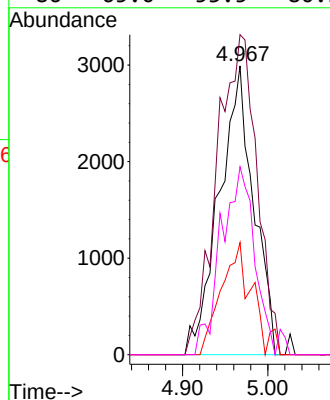
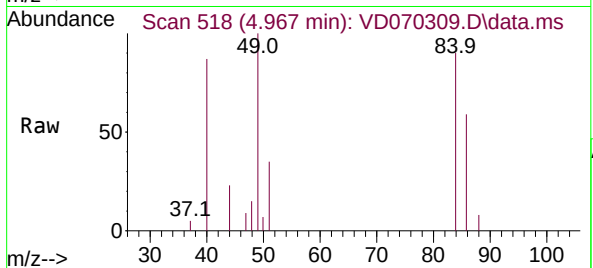
Ion Ratio Lower Upper

84 100

49 110.8 89.6 134.4

51 38.9 28.6 43.0

86 65.0 53.5 80.3



#31

Cyclohexane

Concen: 1.292 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD070309.D

Acq: 10 Sep 2021 19:39

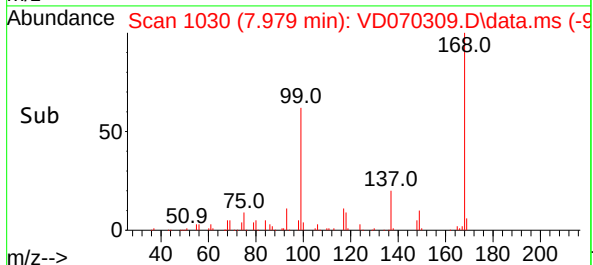
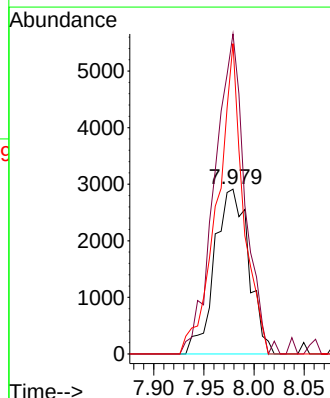
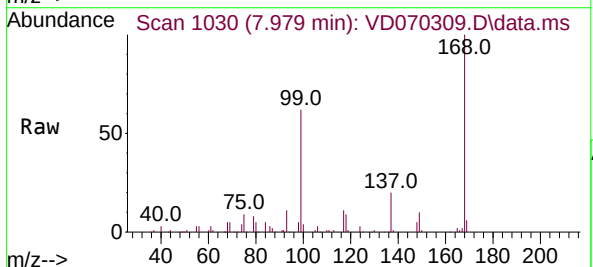
Tgt Ion: 56 Resp: 6921

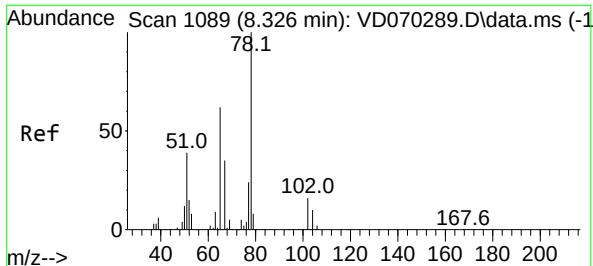
Ion Ratio Lower Upper

56 100

69 194.2 26.9 40.3#

84 188.3 73.6 110.4#



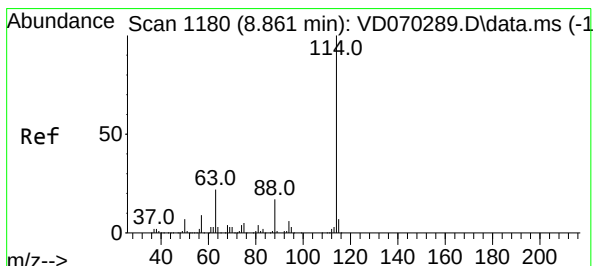
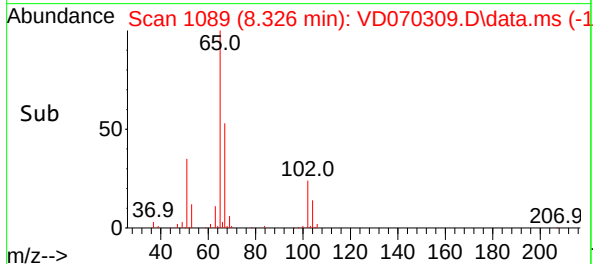
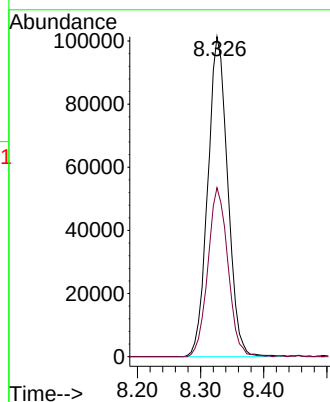
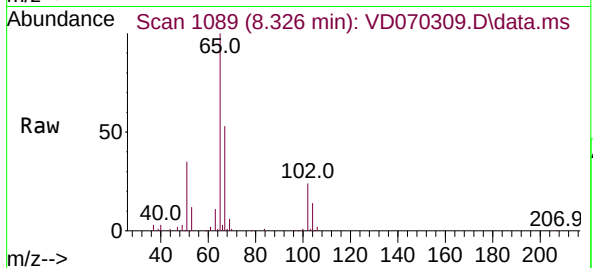


#33

1,2-Dichloroethane-d4
Concen: 71.422 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

Instrument :
MSVOA_D
ClientSampled :

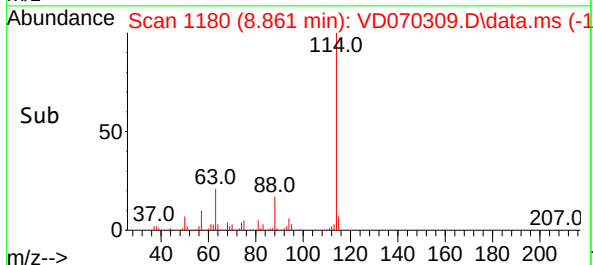
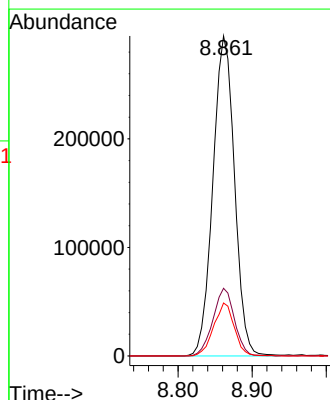
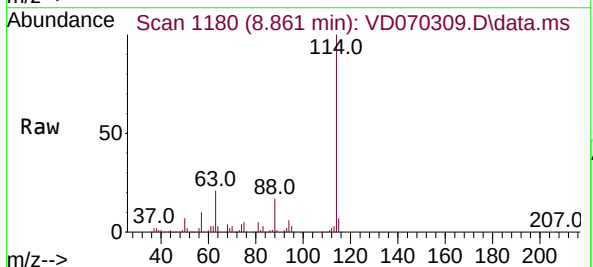
Tgt Ion: 65 Resp: 222036
Ion Ratio Lower Upper
65 100
67 53.1 0.0 111.4

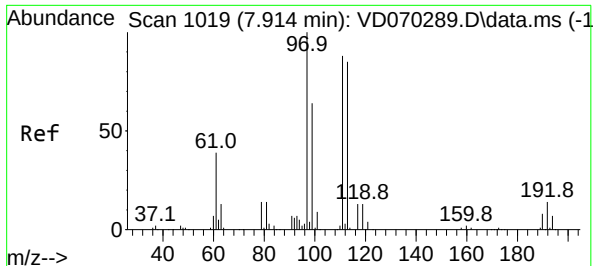


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

Tgt Ion:114 Resp: 597614
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.4
88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 55.069 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070309.D

Acq: 10 Sep 2021 19:39

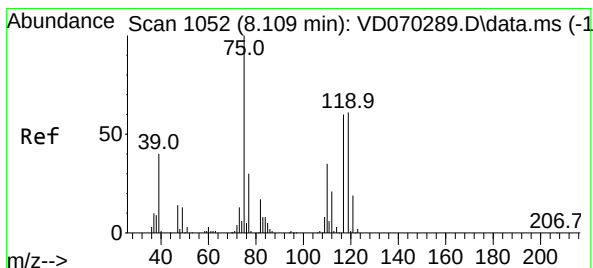
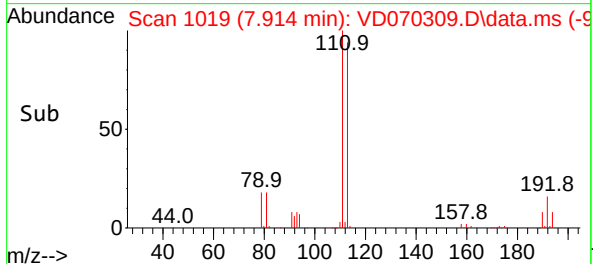
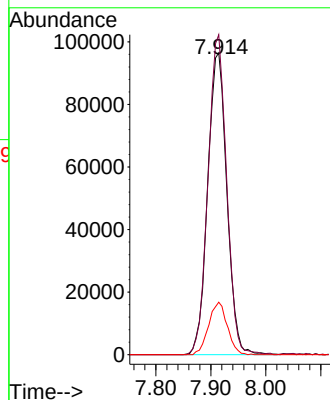
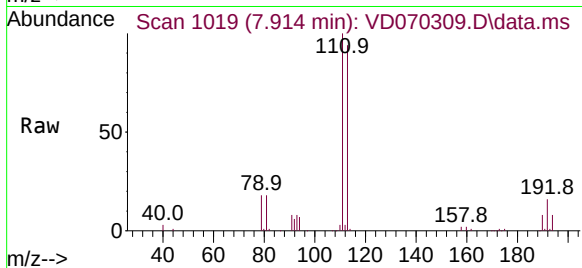
Tgt Ion:113 Resp: 234258

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.2

192 16.9 13.0 19.6



#36

1,1-Dichloropropene

Concen: 3.610 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD070309.D

Acq: 10 Sep 2021 19:39

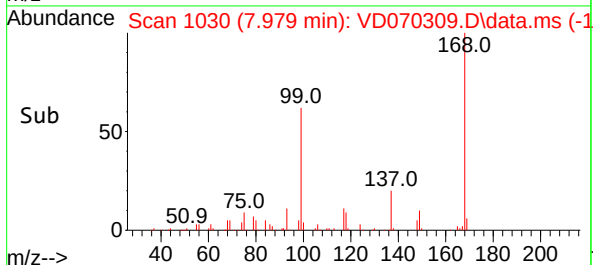
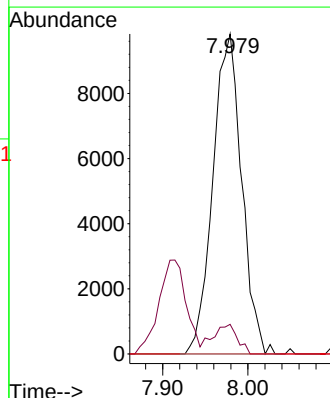
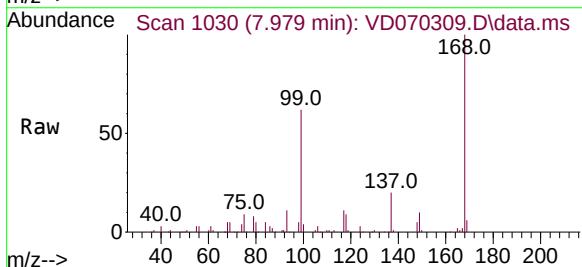
Tgt Ion: 75 Resp: 23060

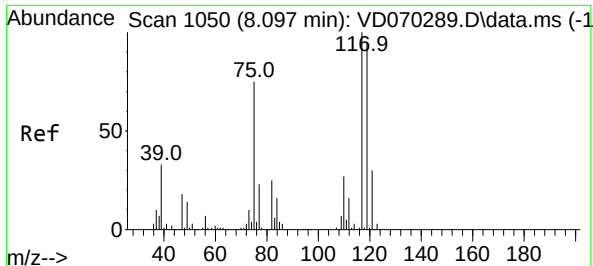
Ion Ratio Lower Upper

75 100

110 6.6 17.9 53.7#

77 0.0 25.3 37.9#

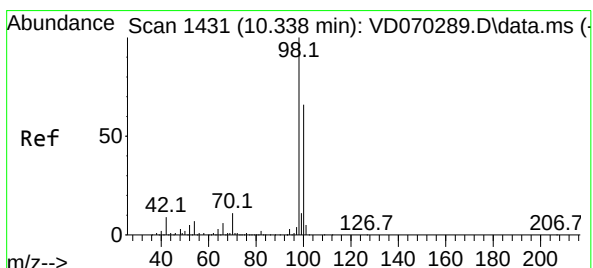
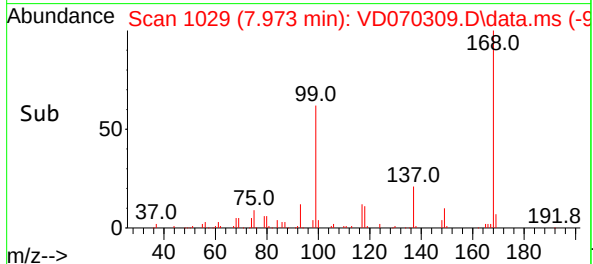
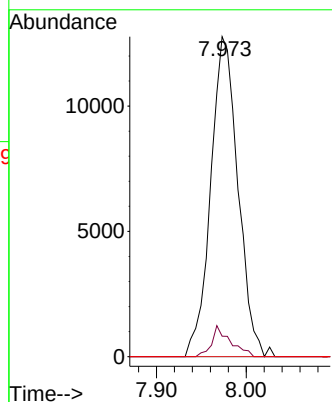
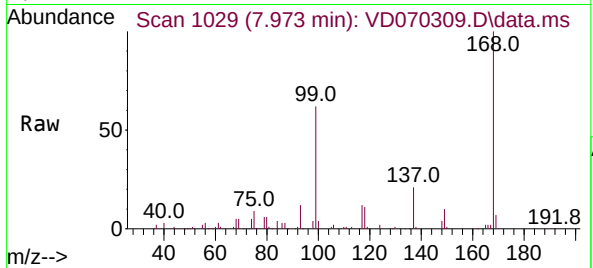




#38
Carbon Tetrachloride
Concen: 4.277 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

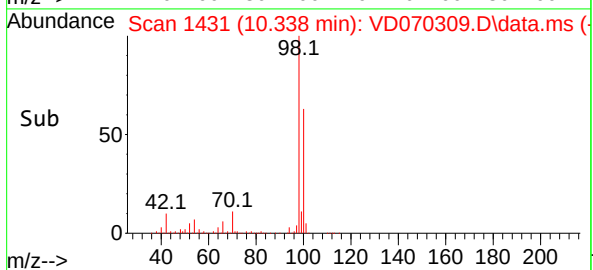
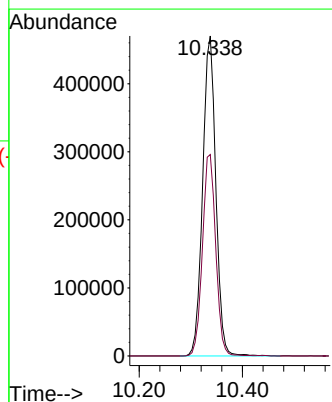
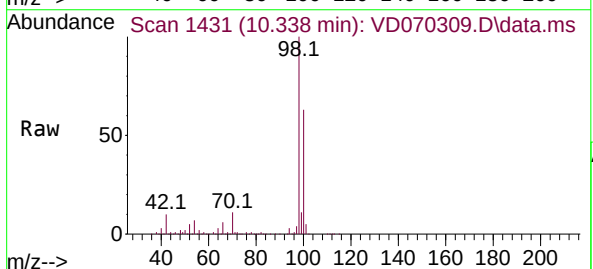
Instrument :
MSVOA_D
ClientSampleId :

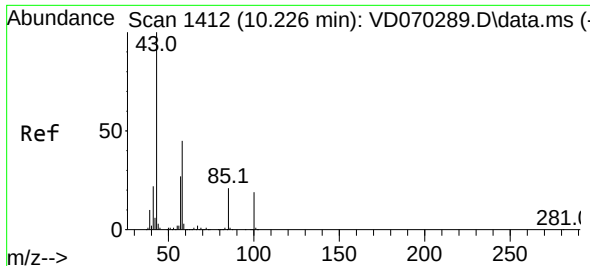
Tgt Ion:117 Resp: 27021
Ion Ratio Lower Upper
117 100
119 6.4 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 53.749 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

Tgt Ion: 98 Resp: 830152
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

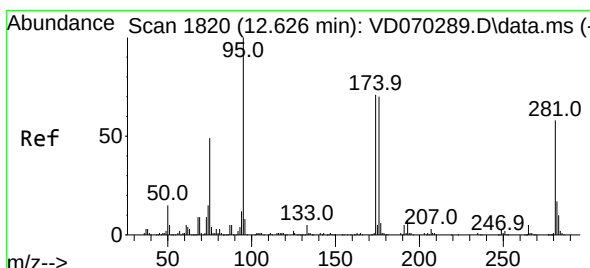
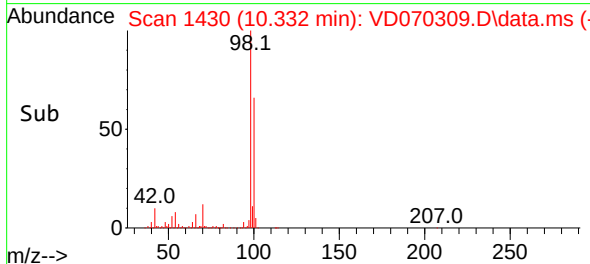
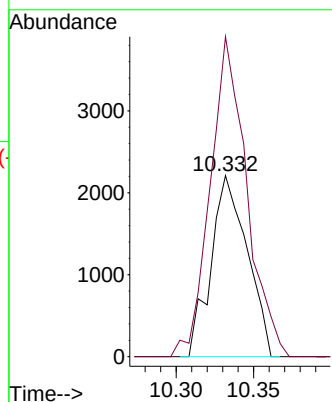
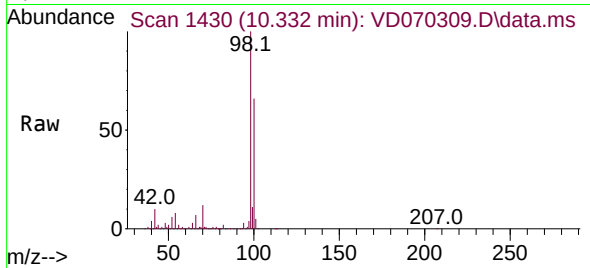




#51
4-Methyl-2-Pentanone
Concen: 1.572 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

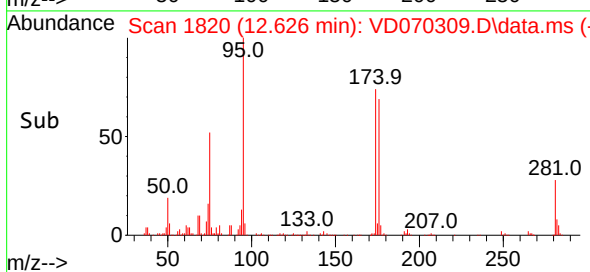
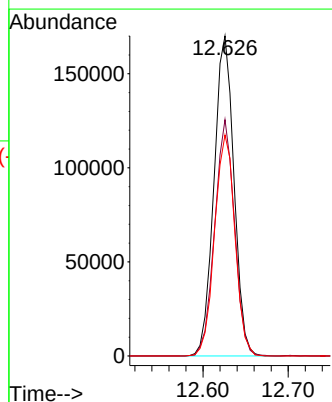
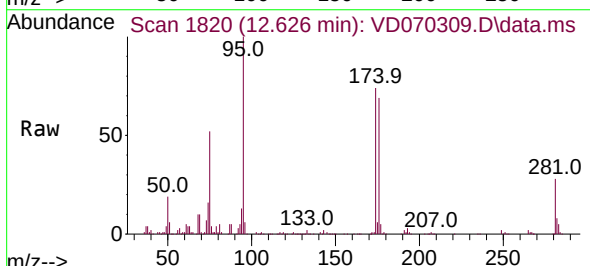
Instrument :
MSVOA_D
ClientSampled :

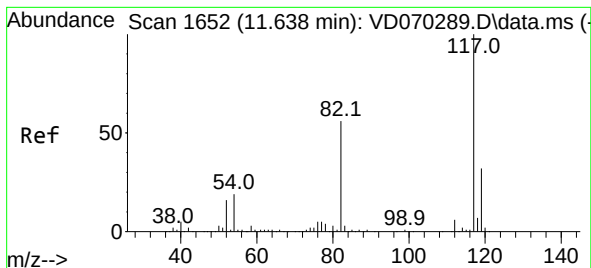
Tgt Ion: 43 Resp: 3592
Ion Ratio Lower Upper
43 100
58 177.8 35.4 53.2#



#62
4-Bromofluorobenzene
Concen: 51.413 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

Tgt Ion: 95 Resp: 277518
Ion Ratio Lower Upper
95 100
174 73.2 0.0 140.6
176 70.1 0.0 137.4

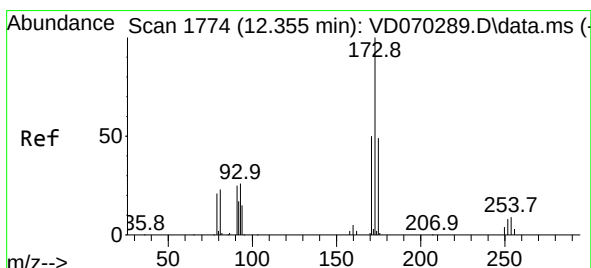
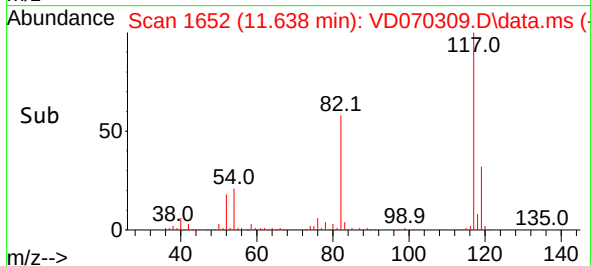
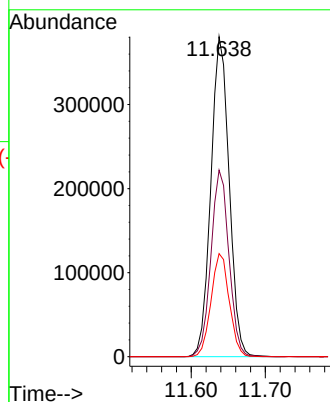
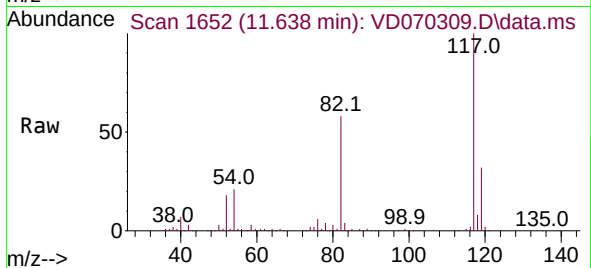




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

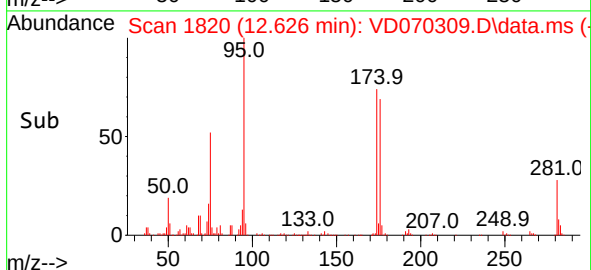
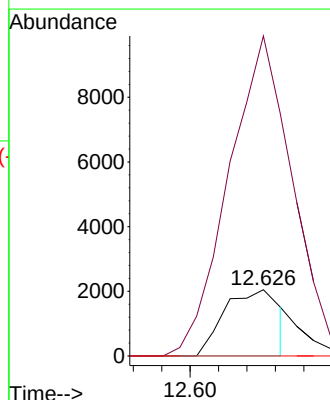
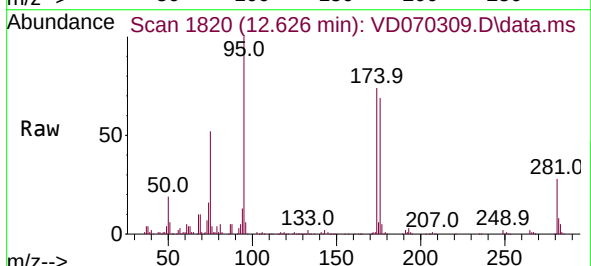
Instrument :
MSVOA_D
ClientSampled :

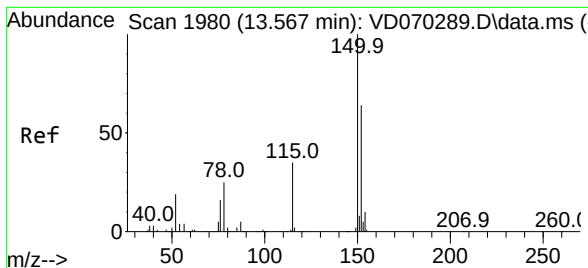
Tgt Ion:117 Resp: 652272
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.4
119 32.2 25.2 37.8



#71
Bromoform
Concen: 1.137 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.270 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

Tgt Ion:173 Resp: 2780
Ion Ratio Lower Upper
173 100
175 454.9 25.1 75.2#
254 0.0 0.1 0.1#

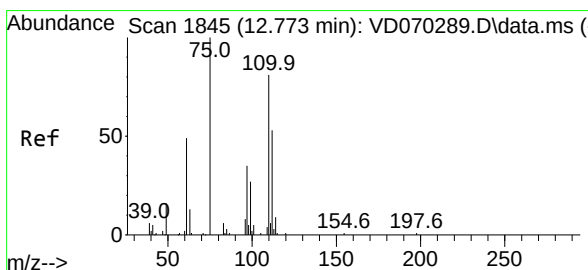
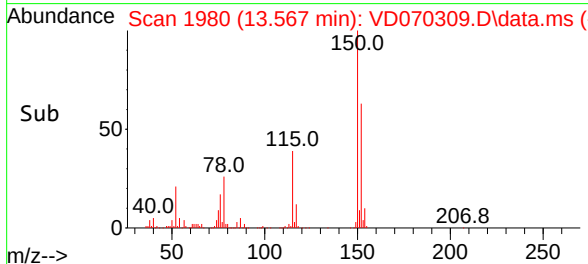
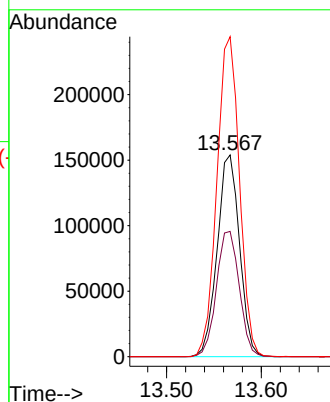
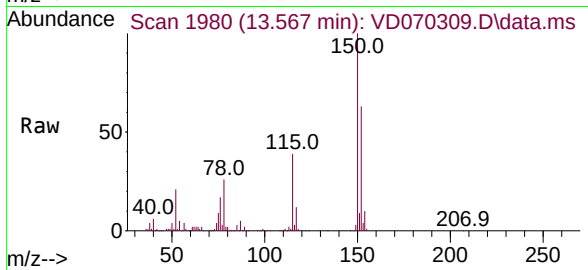




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070309.D
 Acq: 10 Sep 2021 19:39

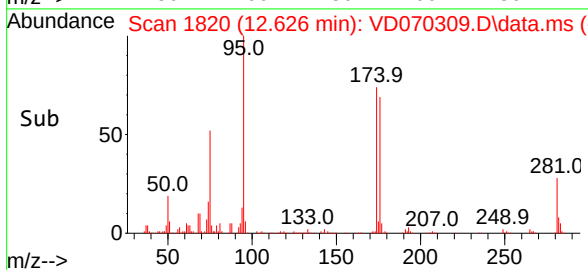
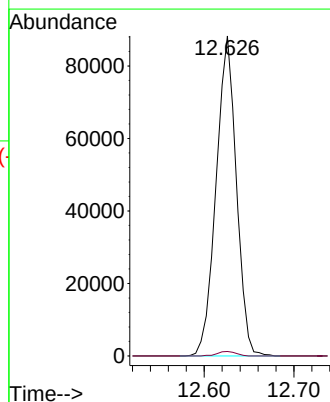
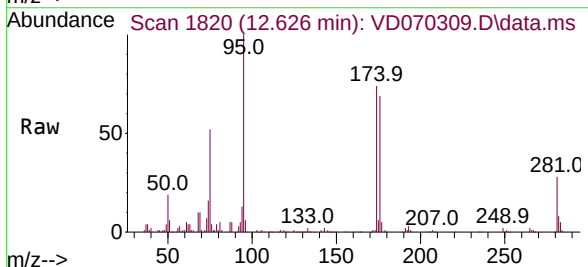
Instrument :
 MSVOA_D
 ClientSampled :

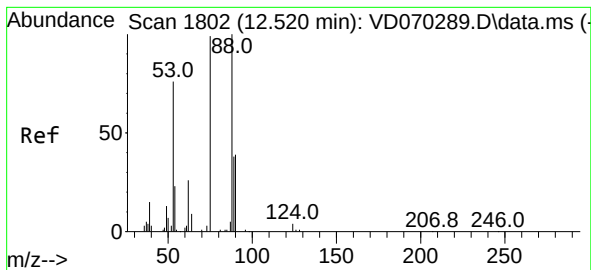
Tgt Ion:152 Resp: 251969
 Ion Ratio Lower Upper
 152 100
 115 63.6 32.1 96.3
 150 160.2 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 54.308 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070309.D
 Acq: 10 Sep 2021 19:39

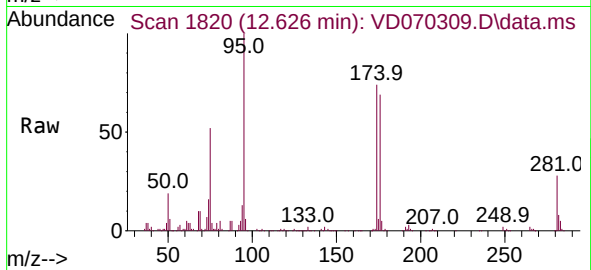
Tgt Ion: 75 Resp: 138415
 Ion Ratio Lower Upper
 75 100
 77 1.3 174.9 524.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 136.074 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	64.2	96.2#
89	0.3	35.6	53.4#

