

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069396.D
 Acq On : 08 Jun 2021 19:33
 Operator : VA/SY
 Sample : M2650-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

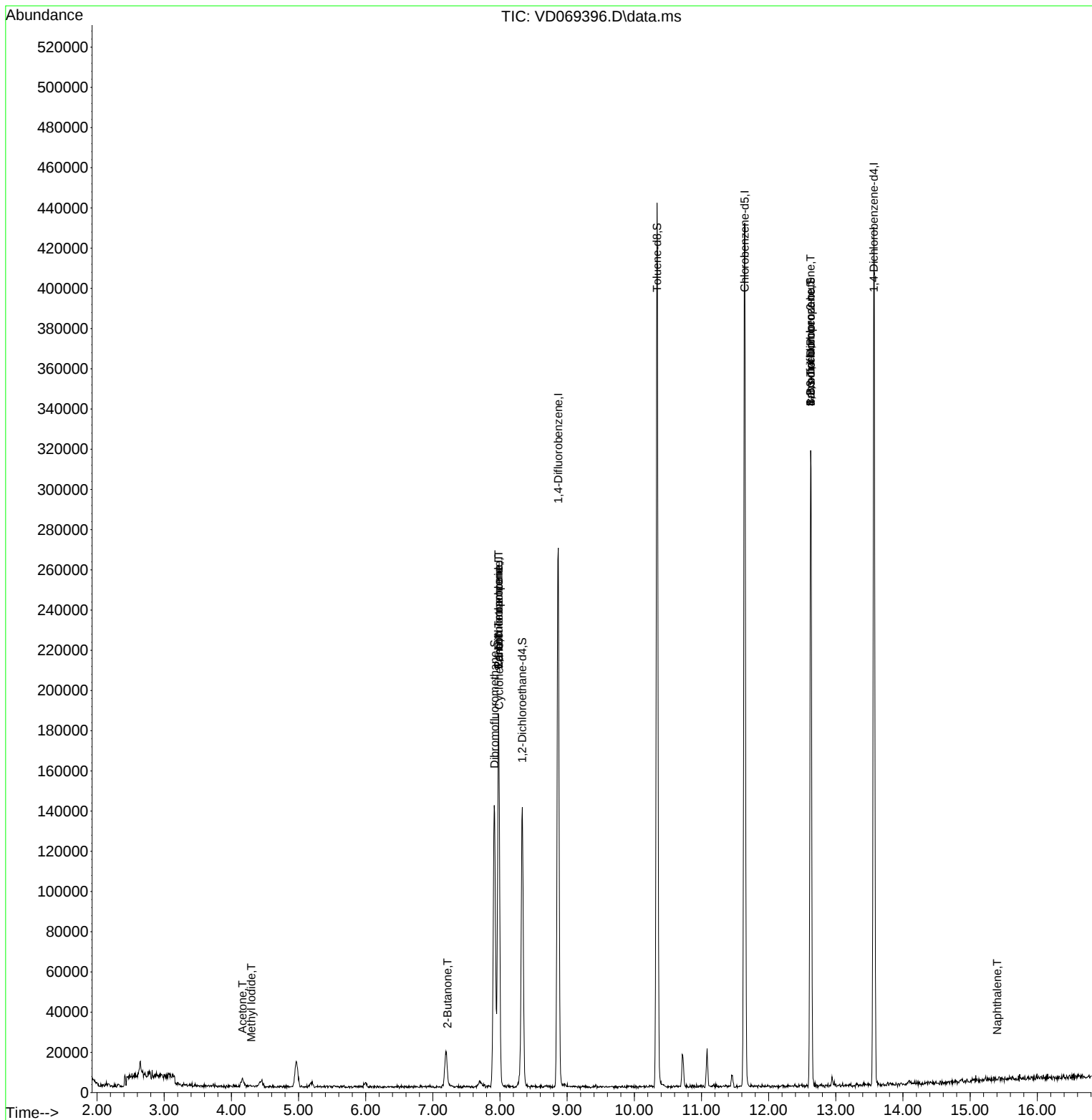
Quant Time: Jun 09 02:10:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

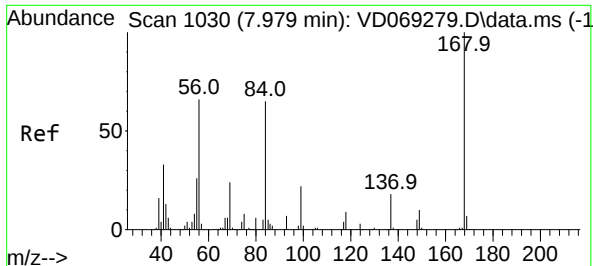
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	134748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	243038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	269149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	120043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	111043	85.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.760%#	
35) Dibromofluoromethane	7.920	113	102639	67.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.500%	
50) Toluene-d8	10.337	98	311486	56.125	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.240%	
62) 4-Bromofluorobenzene	12.626	95	103607	56.972	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.940%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	128	2.590	ug/l #	39
11) Tert butyl alcohol	5.179	59	1603	Below Cal	#	73
16) Acetone	4.167	43	7216	31.982	ug/l	100
20) Methylene Chloride	4.967	84	10938	Below Cal	#	89
25) 2-Butanone	7.220	43	366	1.233	ug/l #	45
31) Cyclohexane	7.985	56	2498	1.216	ug/l #	34
36) 1,1-Dichloropropene	7.979	75	10983	4.649	ug/l #	46
38) Carbon Tetrachloride	7.979	117	13328	5.225	ug/l #	16
71) Bromoform	12.626	173	1126	1.053	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	51739	49.607	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	51739	109.930	ug/l #	18
95) Naphthalene	15.402	128	113	3.328	ug/l #	69

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

Quant Time: Jun 09 02:10:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
Response via : Initial Calibration

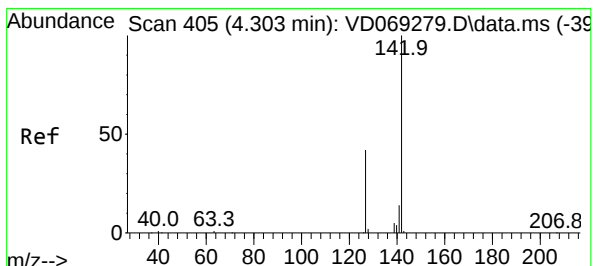
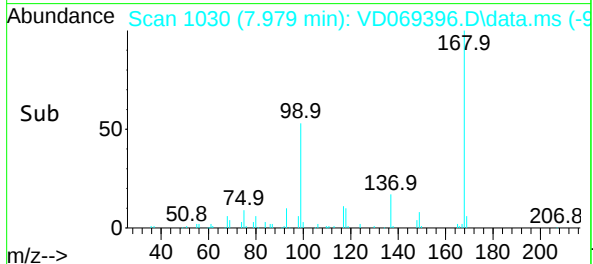
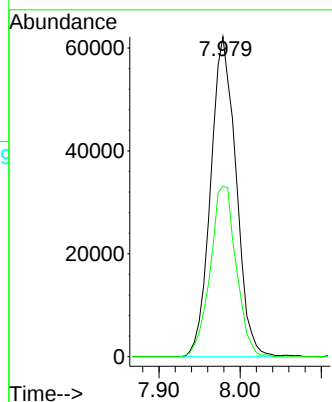
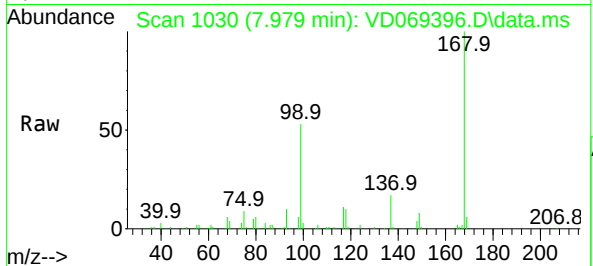




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

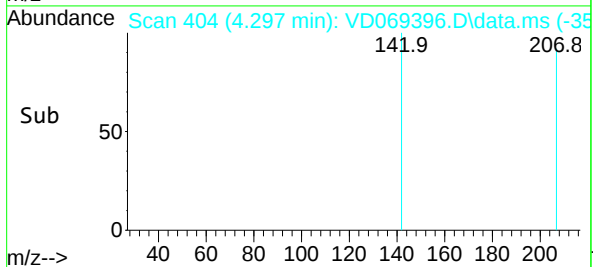
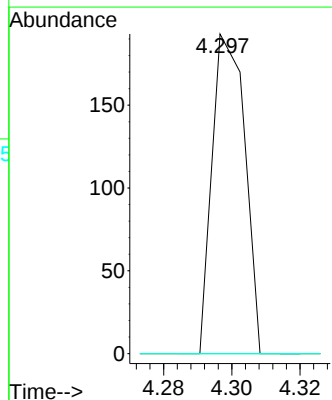
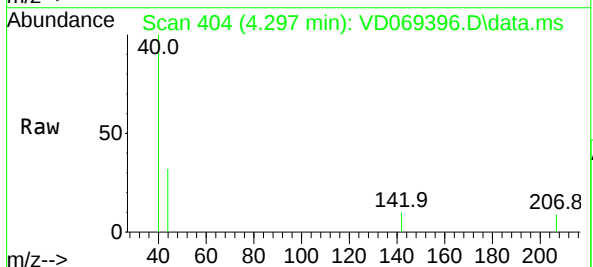
Instrument :
MSVOA_D
ClientSampled :

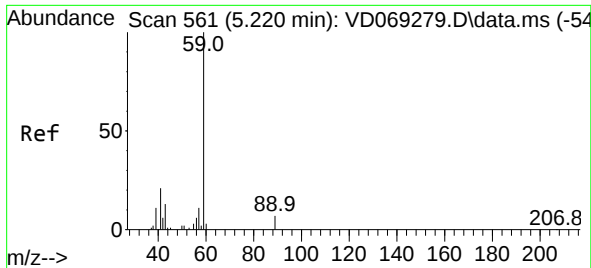
Tgt Ion:168 Resp: 134748
Ion Ratio Lower Upper
168 100
99 53.3 46.2 69.2



#10
Methyl Iodide
Concen: 2.590 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

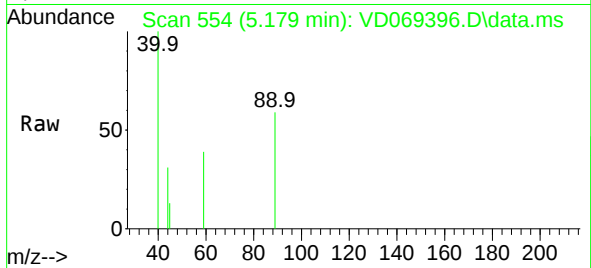
Tgt Ion:142 Resp: 128
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



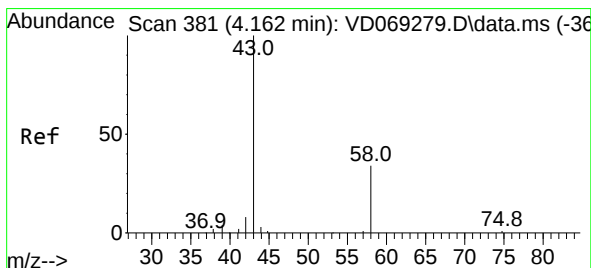
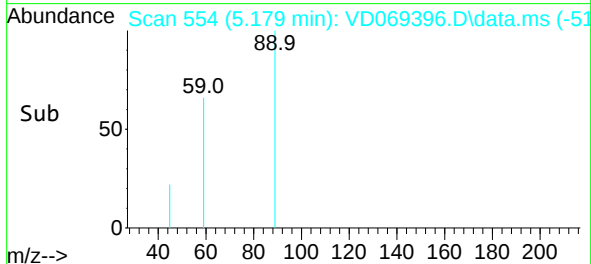
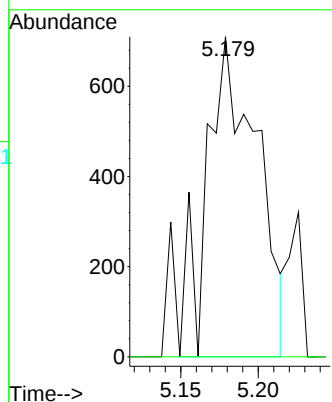


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.041 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

Instrument :
MSVOA_D
ClientSampled :

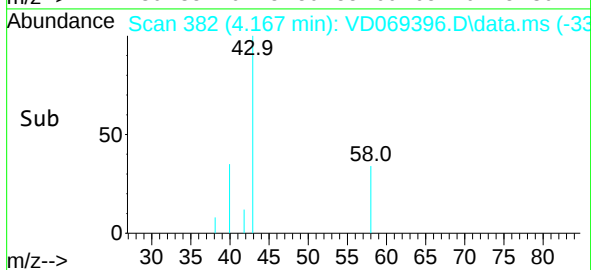
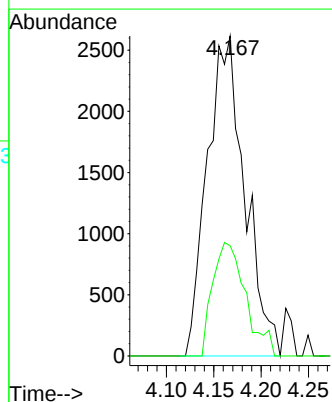
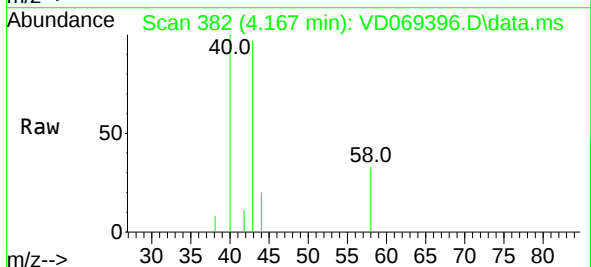


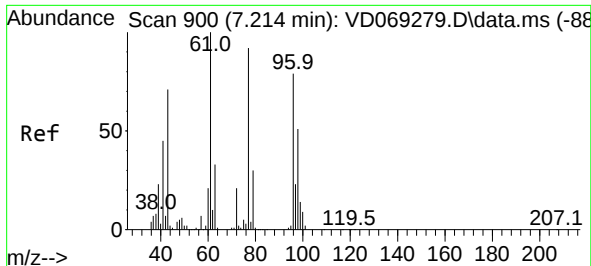
Tgt Ion: 59 Resp: 1603
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 31.982 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

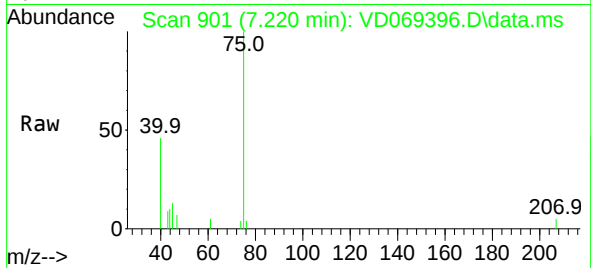
Tgt Ion: 43 Resp: 7216
Ion Ratio Lower Upper
43 100
58 34.4 27.5 41.3



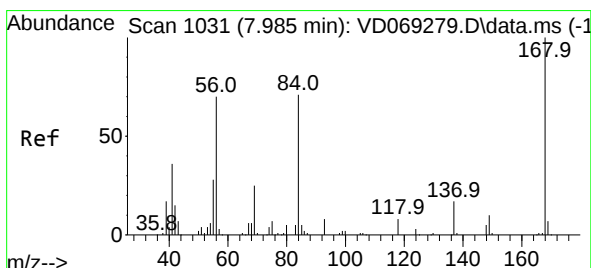
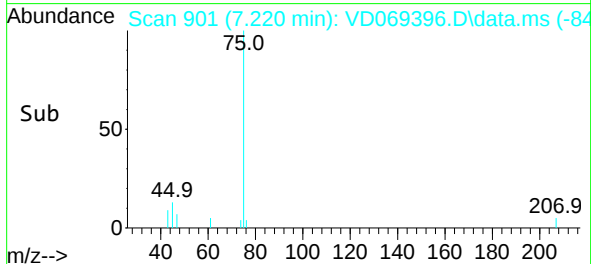
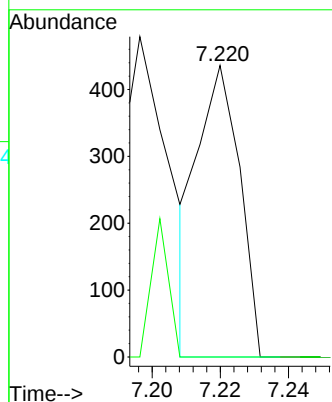


#25
2-Butanone
Concen: 1.233 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

Instrument :
MSVOA_D
ClientSampled :

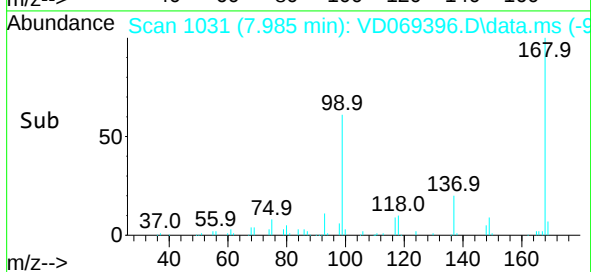
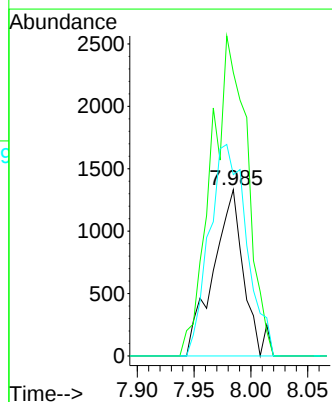
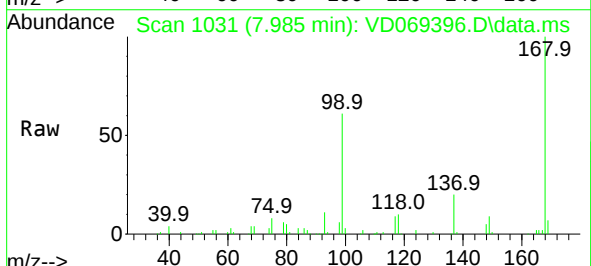


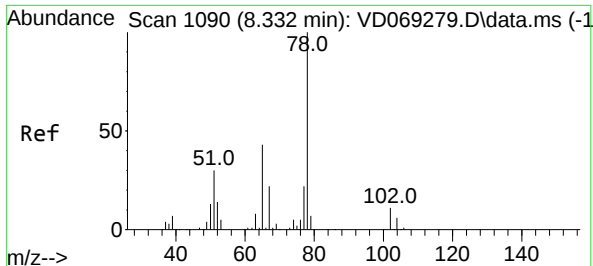
Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
72 0.0 23.9 35.9#



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

Tgt Ion: 56 Resp: 2498
Ion Ratio Lower Upper
56 100
69 170.6 29.0 43.4#
84 109.0 81.1 121.7

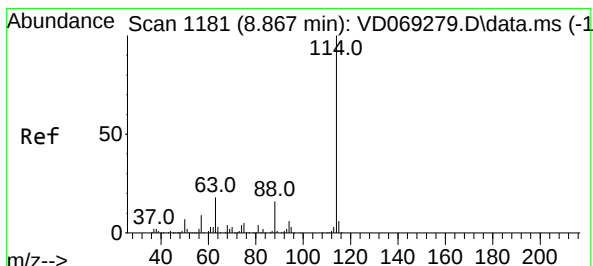
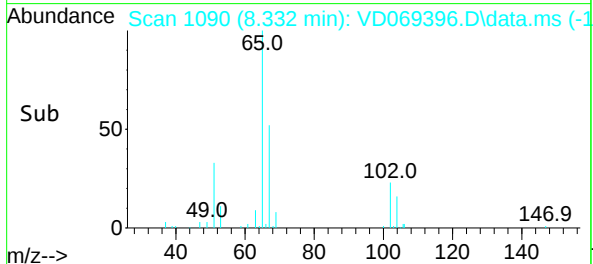
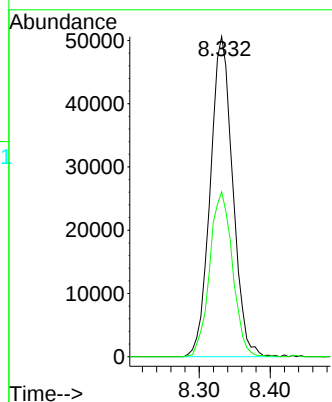
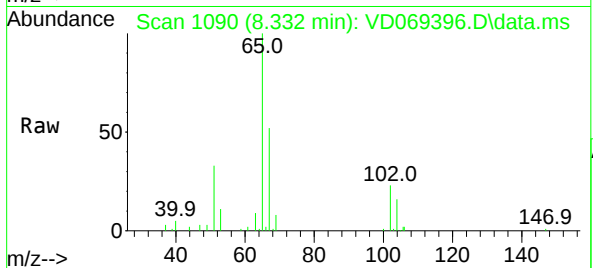




#33
 1,2-Dichloroethane-d4
 Concen: 85.885 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VD069396.D
 Acq: 08 Jun 2021 19:33

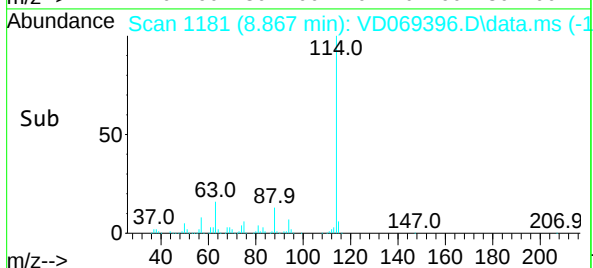
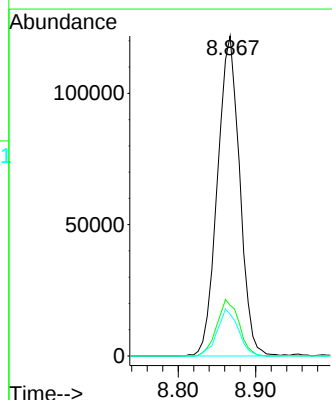
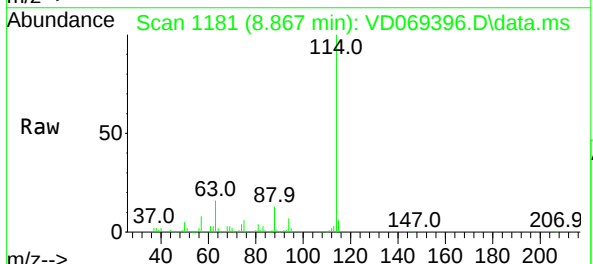
Instrument :
 MSVOA_D
 ClientSampled :

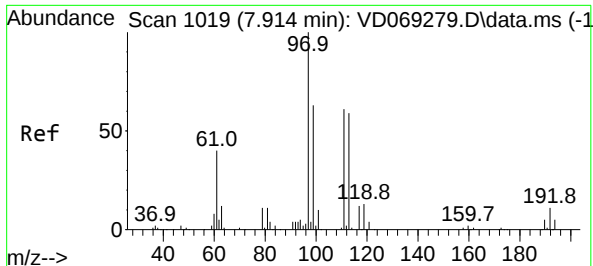
Tgt Ion: 65 Resp: 111043
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. -0.000 min
 Lab File: VD069396.D
 Acq: 08 Jun 2021 19:33

Tgt Ion: 114 Resp: 243038
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 35.6
 88 13.1 0.0 31.2



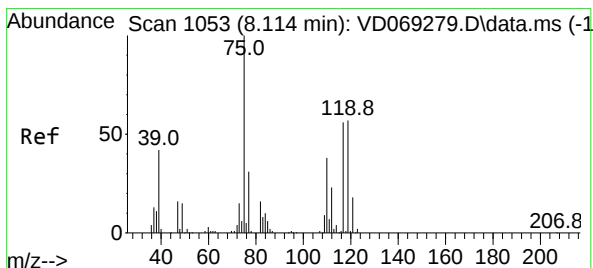
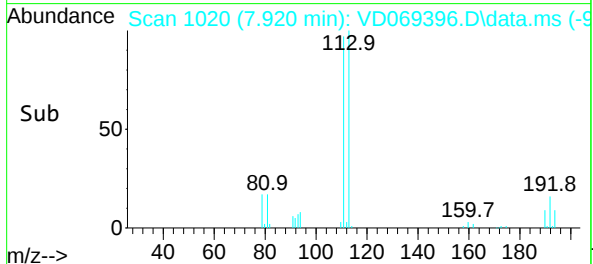
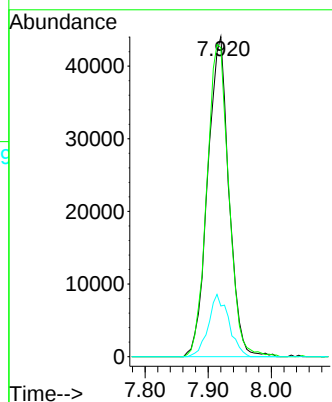
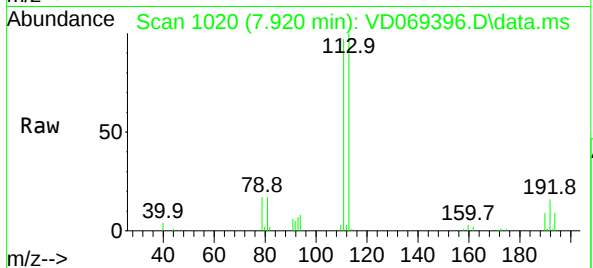


#35

Dibromofluoromethane
Concen: 67.250 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

Instrument :
MSVOA_D
ClientSampled :

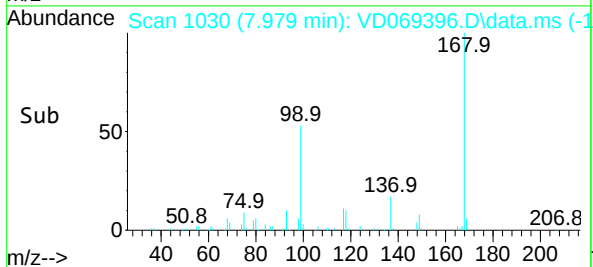
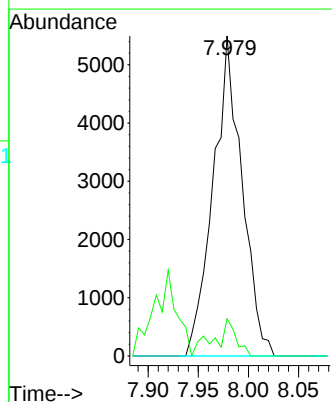
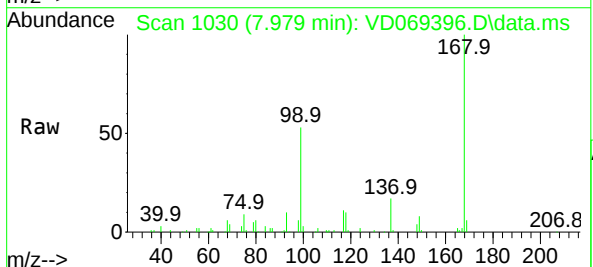
Tgt Ion:113 Resp: 102639
Ion Ratio Lower Upper
113 100
111 101.2 83.0 124.6
192 18.8 15.1 22.7

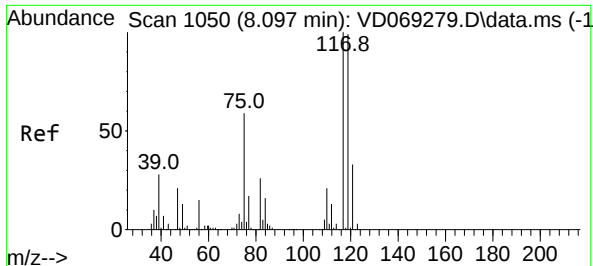


#36

1,1-Dichloropropene
Concen: 4.649 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.136 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

Tgt Ion: 75 Resp: 10983
Ion Ratio Lower Upper
75 100
110 6.1 18.4 55.2#
77 0.0 24.9 37.3#

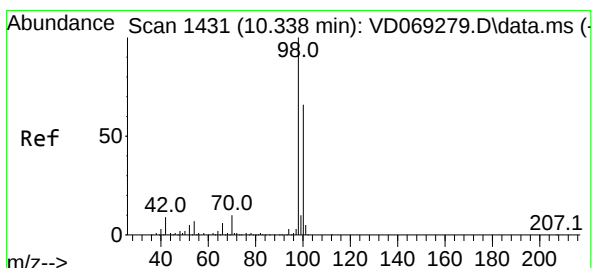
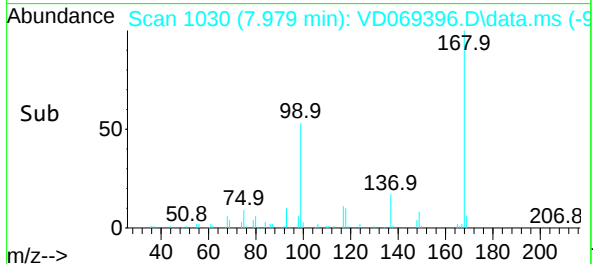
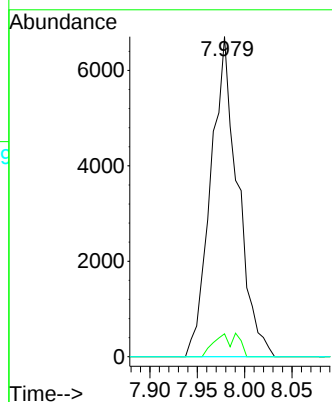
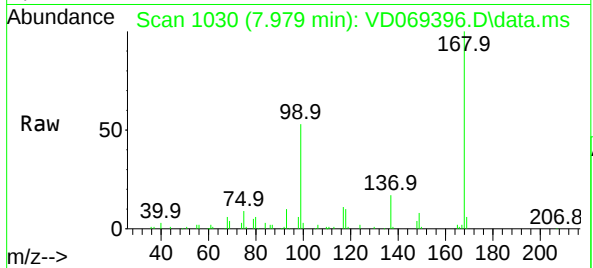




#38
Carbon Tetrachloride
Concen: 5.225 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

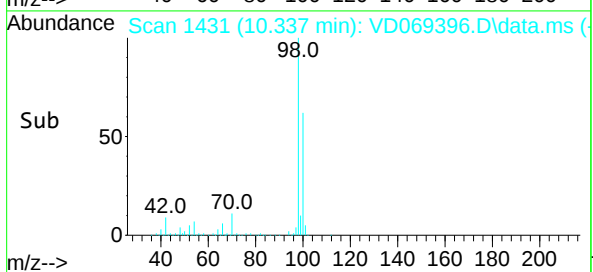
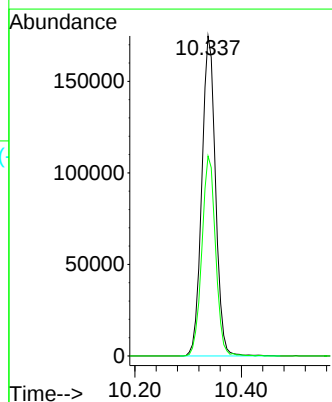
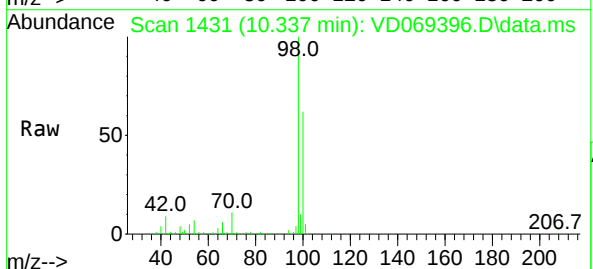
Instrument :
MSVOA_D
ClientSampled :

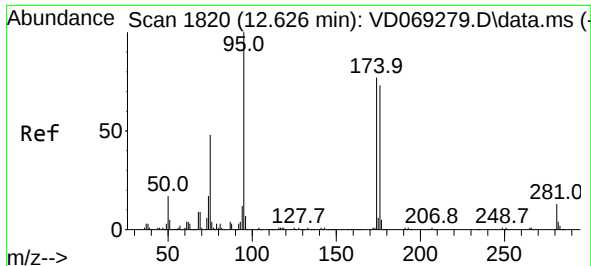
Tgt Ion:117 Resp: 13328
Ion Ratio Lower Upper
117 100
119 7.2 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 56.125 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

Tgt Ion: 98 Resp: 311486
Ion Ratio Lower Upper
98 100
100 62.5 52.1 78.1

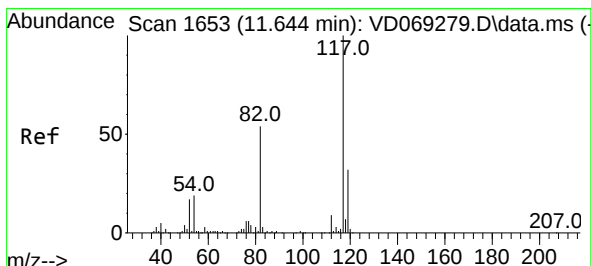
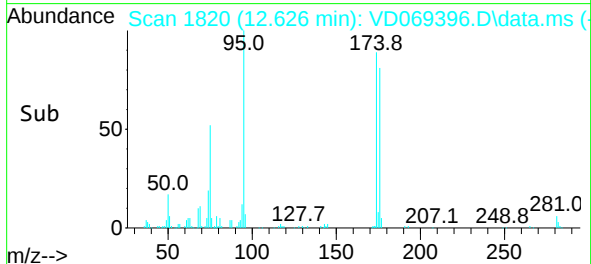
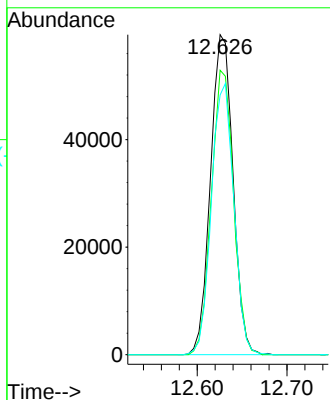
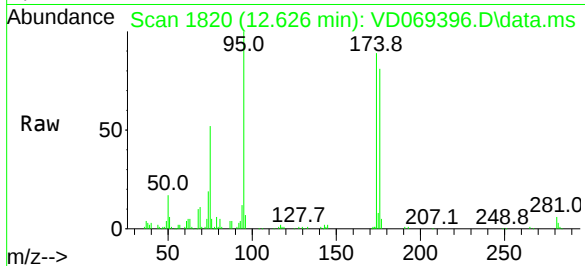




#62
4-Bromofluorobenzene
Concen: 56.972 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

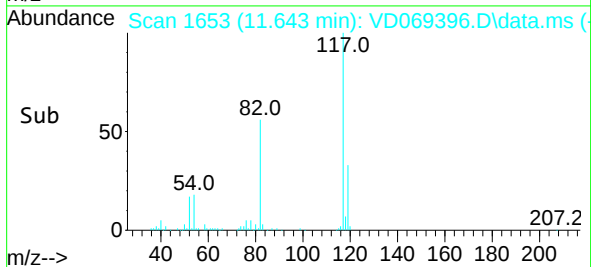
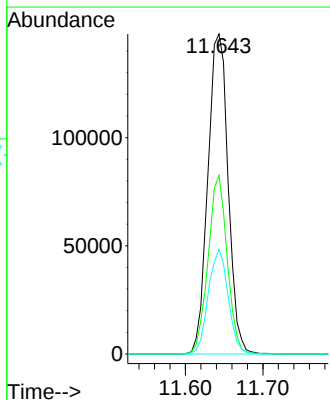
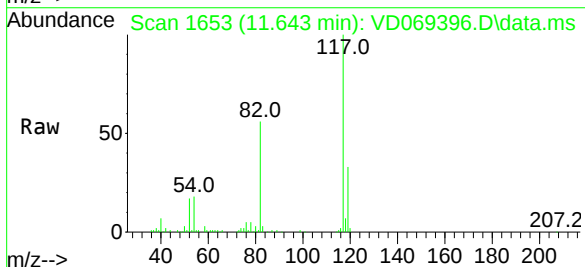
Instrument :
MSVOA_D
ClientSampleId :

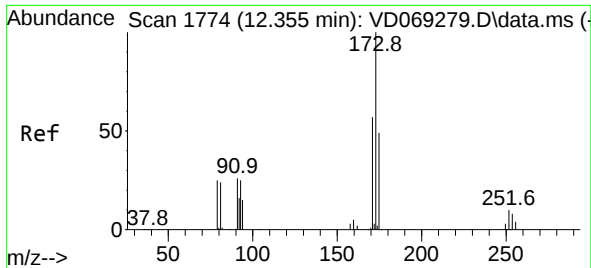
Tgt Ion: 95 Resp: 103607
Ion Ratio Lower Upper
95 100
174 87.7 0.0 162.8
176 84.5 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

Tgt Ion: 117 Resp: 269149
Ion Ratio Lower Upper
117 100
82 55.8 43.3 64.9
119 32.7 25.3 37.9

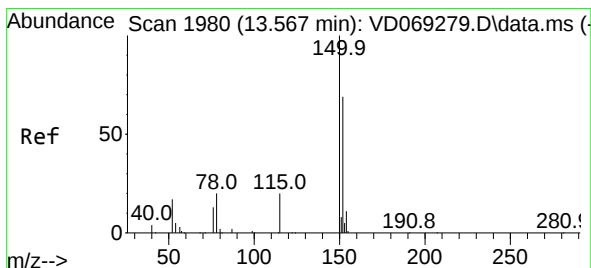
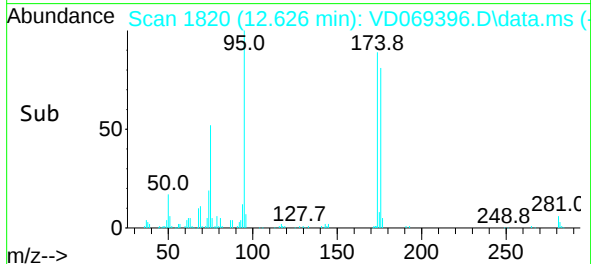
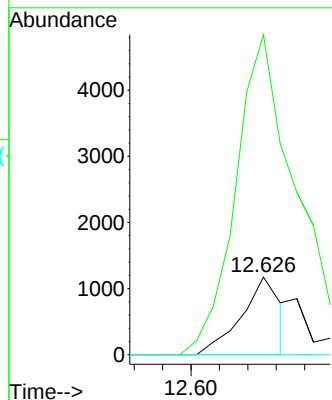
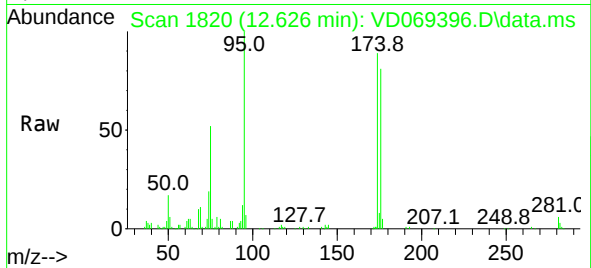




#71
Bromoform
Concen: 1.053 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.270 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

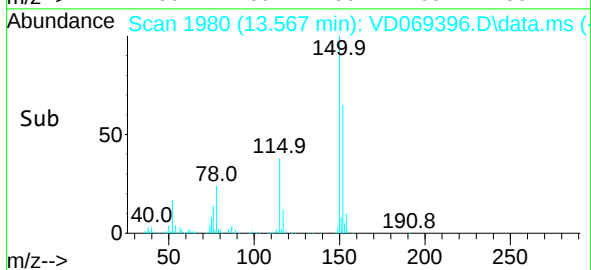
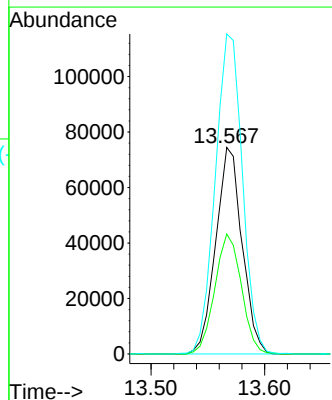
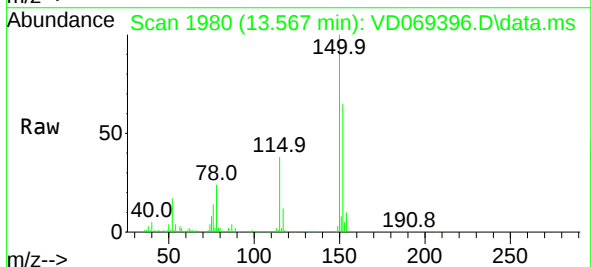
Instrument :
MSVOA_D
ClientSampleId :

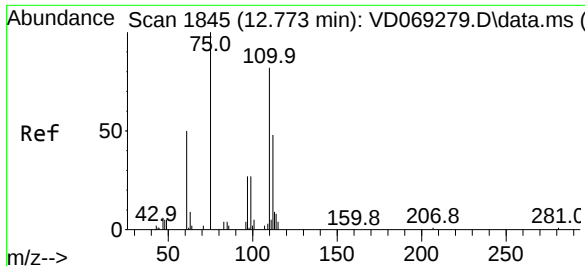
Tgt Ion:173 Resp: 1126
Ion Ratio Lower Upper
173 100
175 462.7 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

Tgt Ion:152 Resp: 120043
Ion Ratio Lower Upper
152 100
115 58.5 29.4 88.3
150 160.0 0.0 355.0

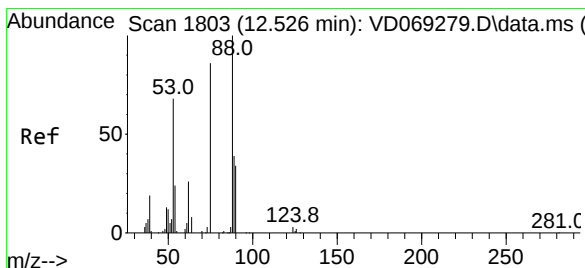
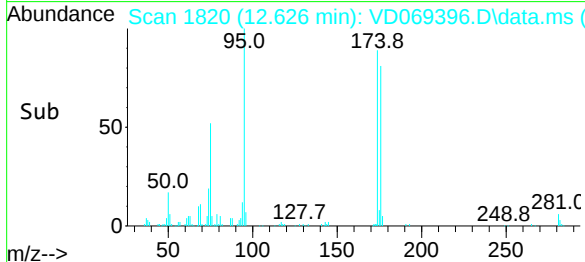
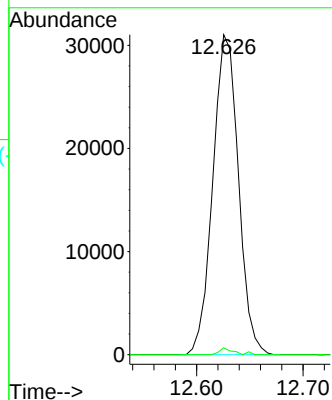
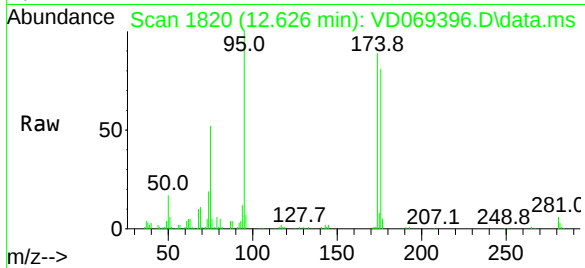




#76
1,2,3-Trichloropropane
Concen: 49.607 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

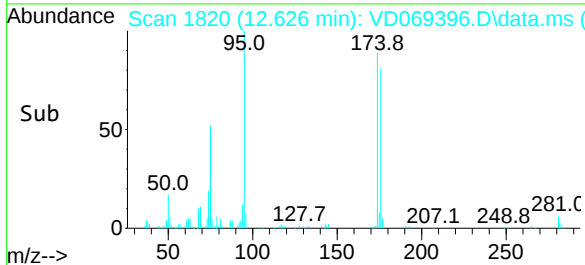
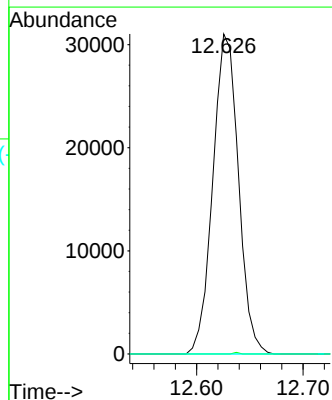
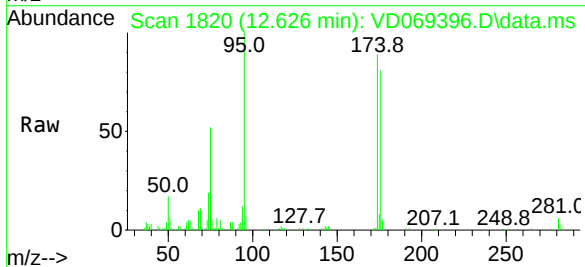
Instrument :
MSVOA_D
ClientSampled :

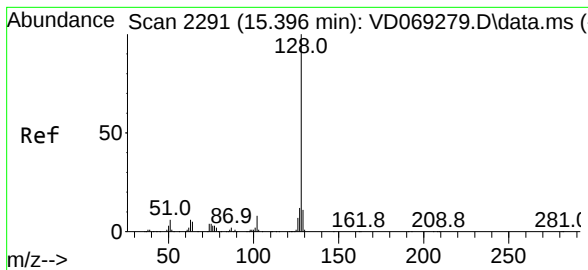
Tgt Ion: 75 Resp: 51739
Ion Ratio Lower Upper
75 100
77 1.2 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.930 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

Tgt Ion: 75 Resp: 51739
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 35.6 53.4#





#95
Naphthalene
Concen: 3.328 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD069396.D
Acq: 08 Jun 2021 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 113
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

