

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069310.D
 Acq On : 02 Jun 2021 19:19
 Operator : VA/SY
 Sample : M2580-10
 Misc : 8.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 03 01:11:35 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)

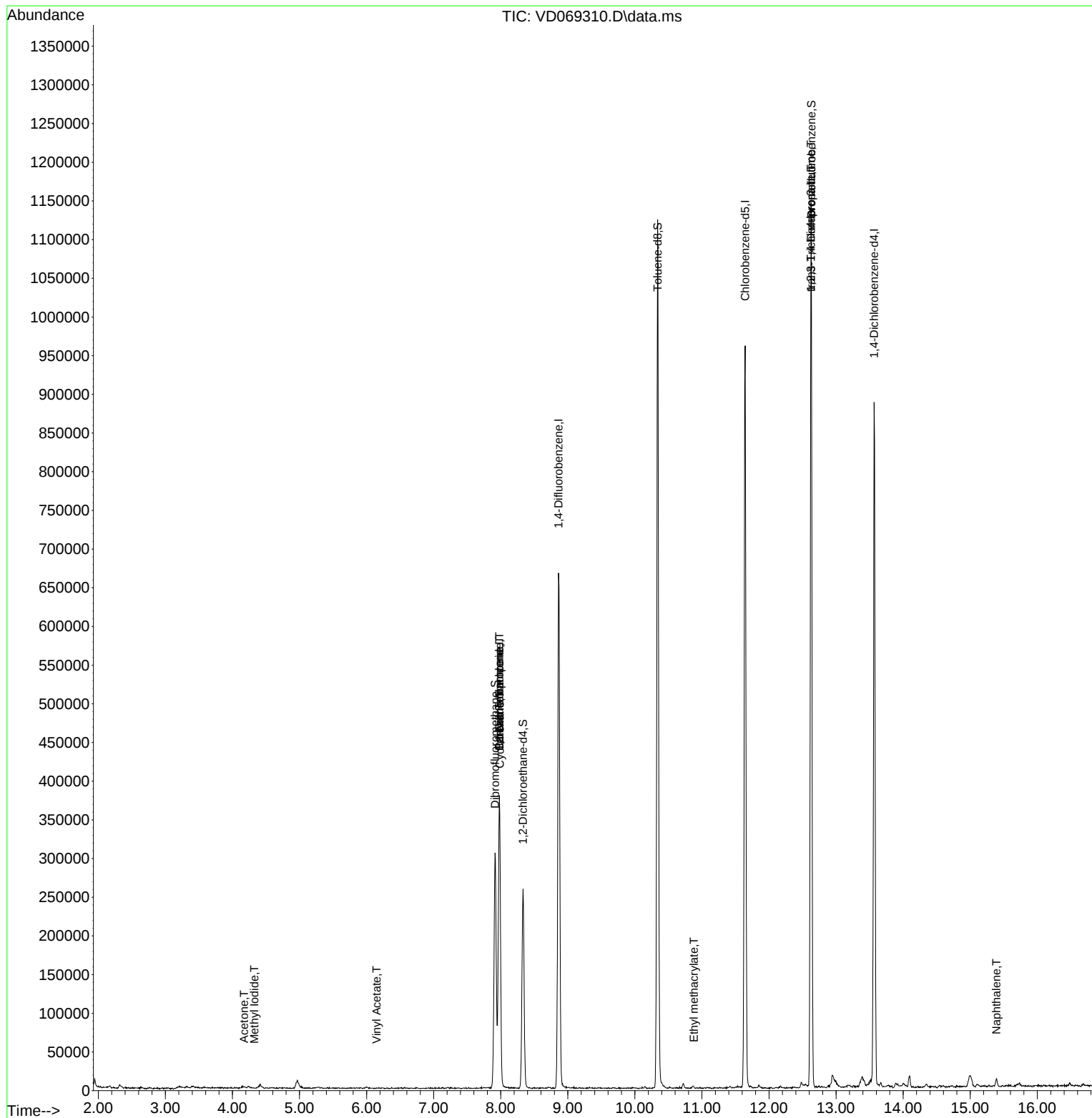
Internal Standards						
1) Pentafluorobenzene	7.979	168	282996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	600849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	592671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	246624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	202217	74.47	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 148.94%			
35) Dibromofluoromethane	7.914	113	216417	57.36	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.72%			
50) Toluene-d8	10.338	98	770627	56.17	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.34%			
62) 4-Bromofluorobenzene	12.632	95	250834	55.79	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.58%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.326	142	495	2.66	ug/l #	39
11) Tert butyl alcohol	5.203	59	242	Below Cal	#	73
16) Acetone	4.173	43	3624	7.65	ug/l #	86
20) Methylene Chloride	4.968	84	8052	Below Cal	#	77
23) Vinyl Acetate	6.150	43	55	11.62	ug/l #	67
31) Cyclohexane	7.985	56	5666	1.31	ug/l #	16
36) 1,1-Dichloropropene	7.979	75	23180	3.97	ug/l #	49
38) Carbon Tetrachloride	7.979	117	29237	4.64	ug/l #	16
56) Ethyl methacrylate	10.879	69	75	2.66	ug/l #	31
76) 1,2,3-Trichloropropane	12.626	75	126187	58.89	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	126187	130.50	ug/l #	19
95) Naphthalene	15.391	128	7964	4.19	ug/l #	94

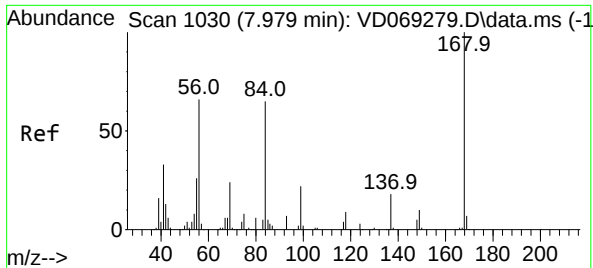
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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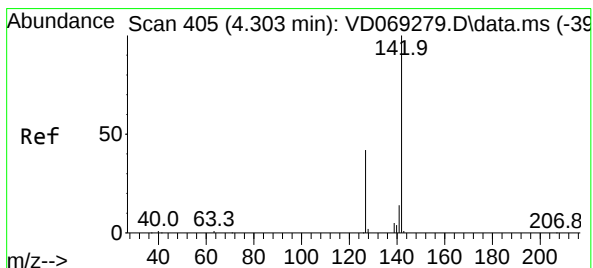
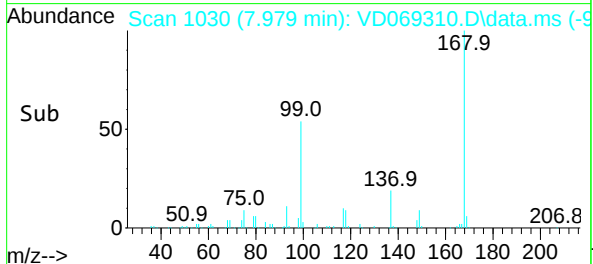
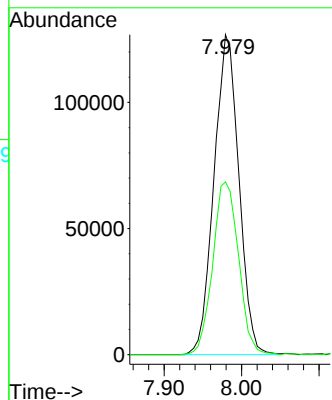
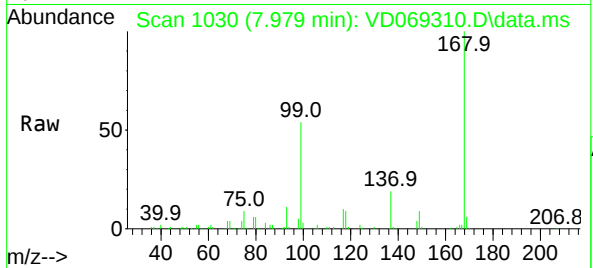




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

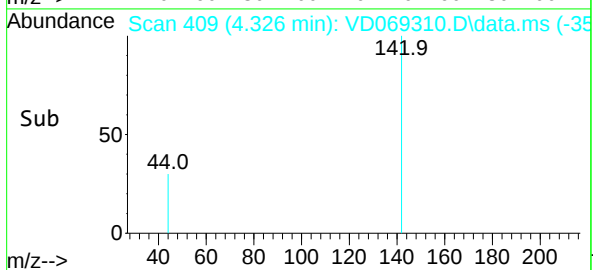
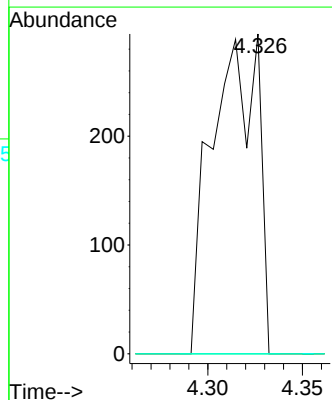
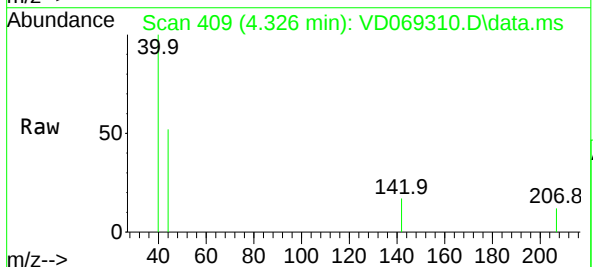
Instrument :
MSVOA_D
ClientSampleId :

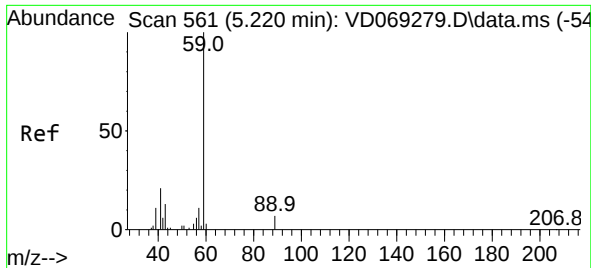
Tgt Ion:168 Resp: 282996
Ion Ratio Lower Upper
168 100
99 54.0 46.2 69.2



#10
Methyl Iodide
Concen: 2.66 ug/l
RT: 4.326 min Scan# 409
Delta R.T. 0.023 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

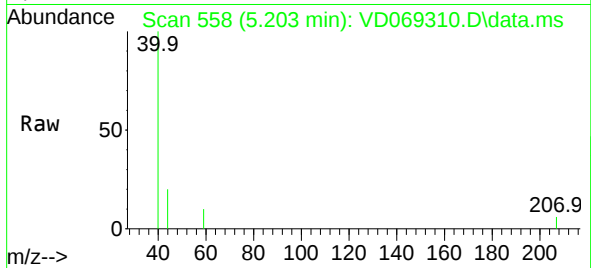
Tgt Ion:142 Resp: 495
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



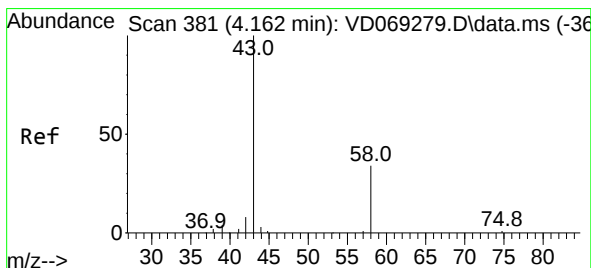
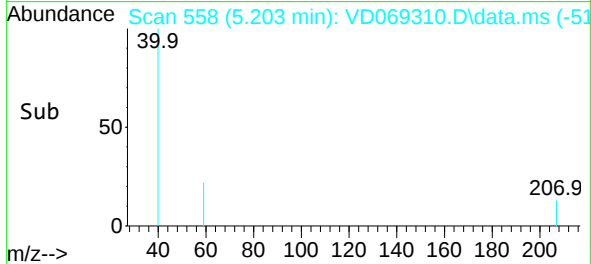
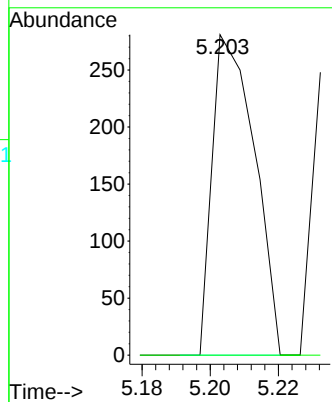


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

Instrument :
MSVOA_D
ClientSampled :

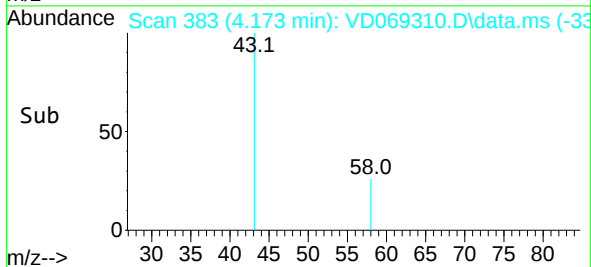
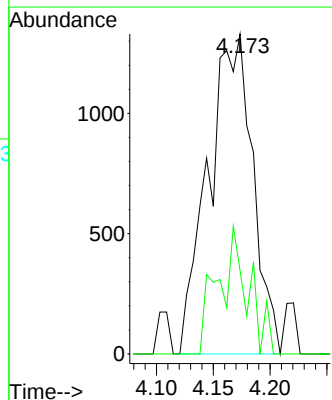
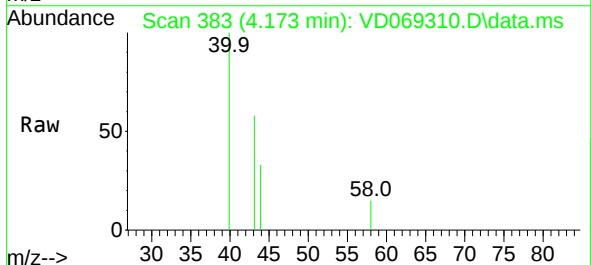


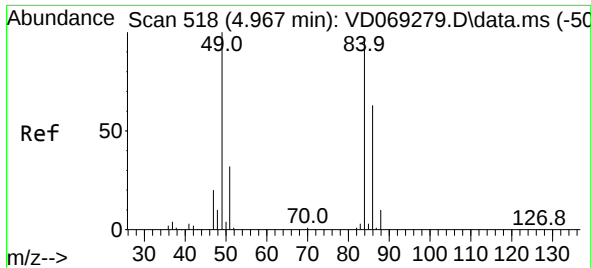
Tgt Ion: 59 Resp: 242
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 7.65 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

Tgt Ion: 43 Resp: 3624
Ion Ratio Lower Upper
43 100
58 26.1 27.5 41.3#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.968 min Scan# 518

Delta R.T. 0.001 min

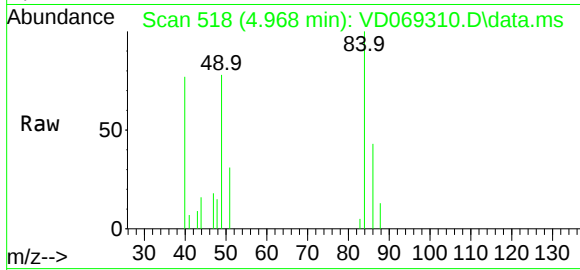
Lab File: VD069310.D

Acq: 02 Jun 2021 19:19

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 84 Resp: 8052

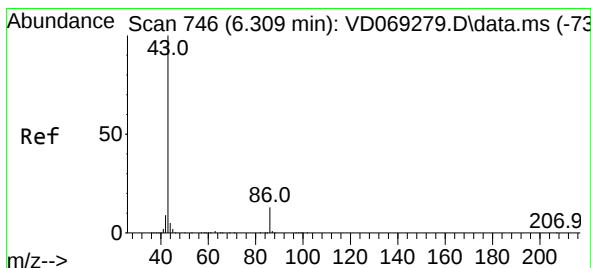
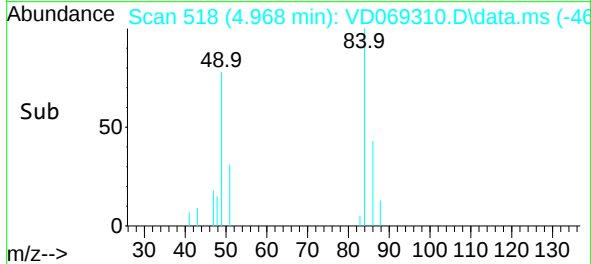
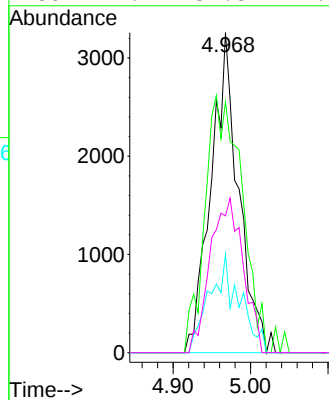
Ion Ratio Lower Upper

84 100

49 78.4 83.7 125.5#

51 30.7 26.4 39.6

86 42.7 52.8 79.2#



#23

Vinyl Acetate

Concen: 11.62 ug/l

RT: 6.150 min Scan# 719

Delta R.T. -0.159 min

Lab File: VD069310.D

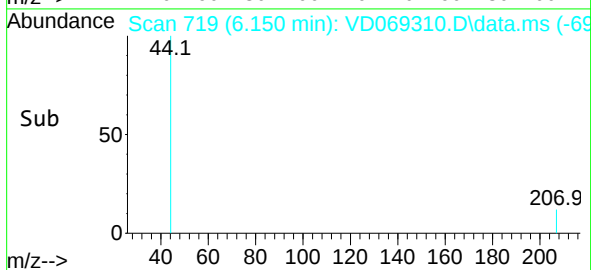
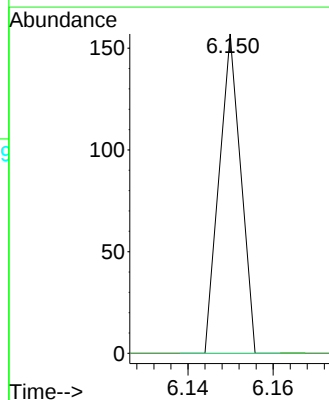
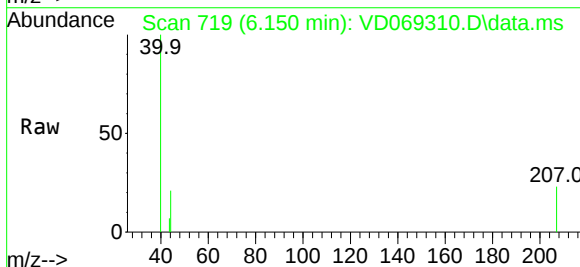
Acq: 02 Jun 2021 19:19

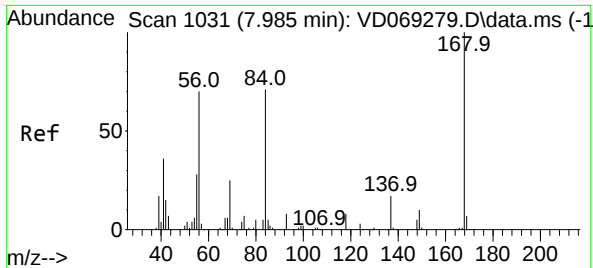
Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

86 0.0 10.5 15.7#

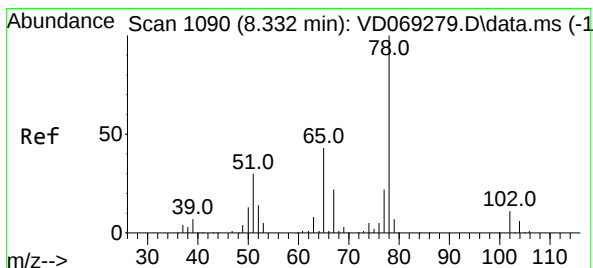
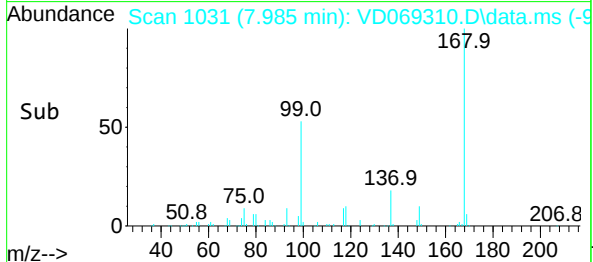
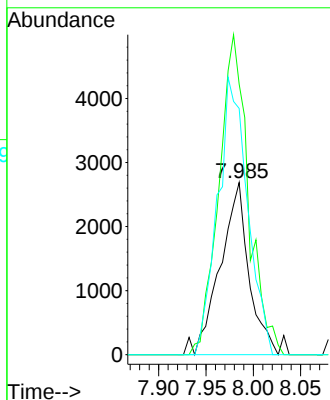
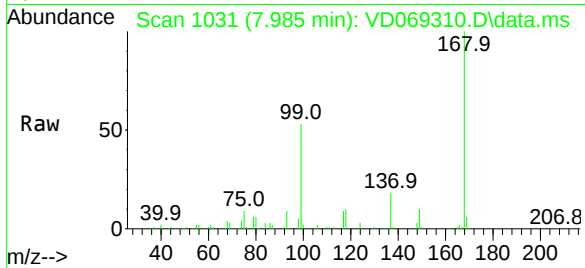




#31
Cyclohexane
Concen: 1.31 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

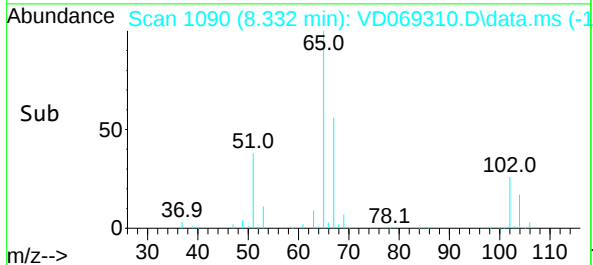
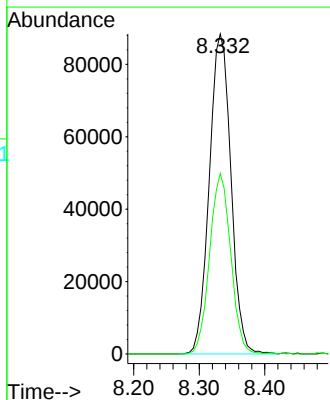
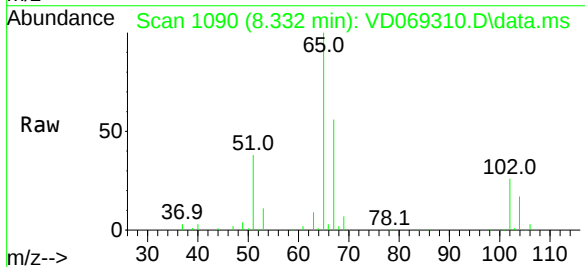
Instrument :
MSVOA_D
ClientSampleId :

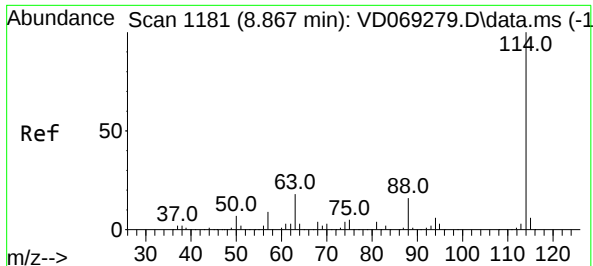
Tgt Ion: 56 Resp: 5666
Ion Ratio Lower Upper
56 100
69 157.2 29.0 43.4#
84 143.1 81.1 121.7#



#33
1,2-Dichloroethane-d4
Concen: 74.47 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

Tgt Ion: 65 Resp: 202217
Ion Ratio Lower Upper
65 100
67 55.0 0.0 105.8

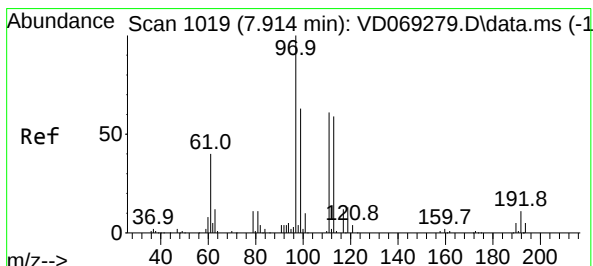
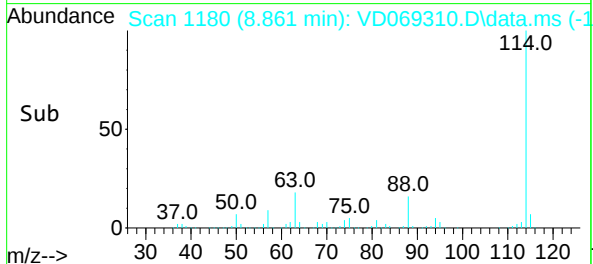
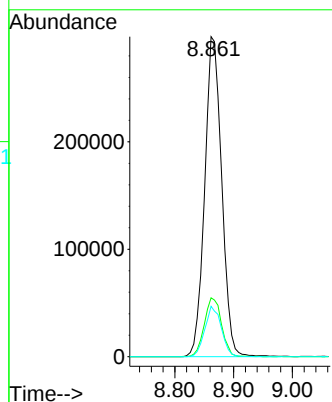
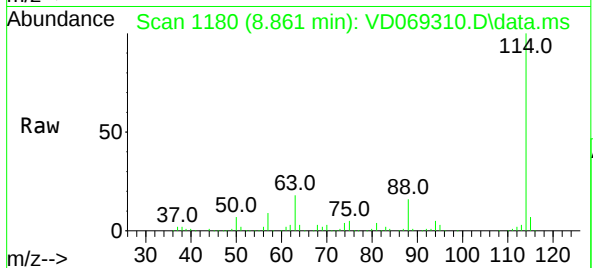




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

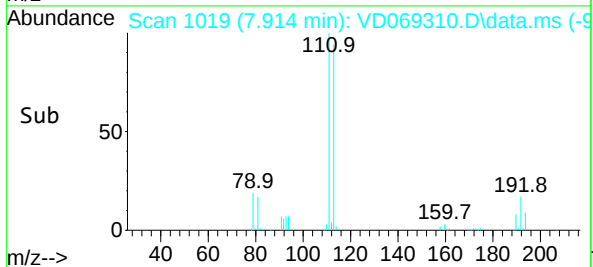
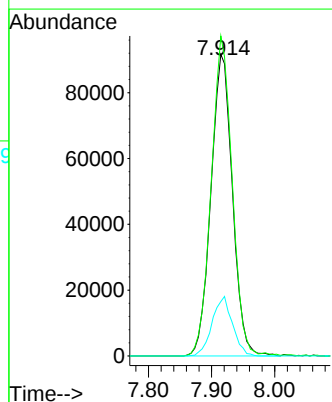
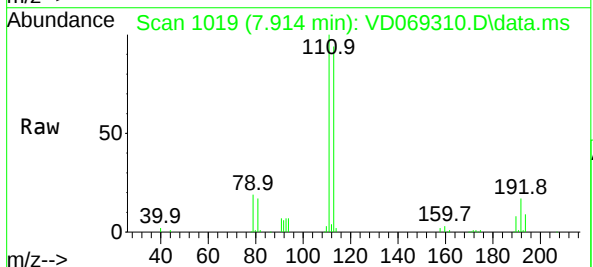
Instrument :
MSVOA_D
ClientSampleId :

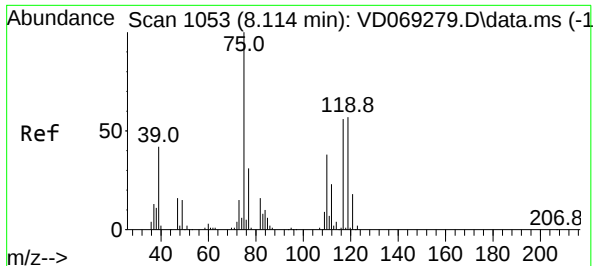
Tgt Ion:114 Resp: 600849
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.6
88 15.7 0.0 31.2



#35
Dibromofluoromethane
Concen: 57.36 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

Tgt Ion:113 Resp: 216417
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.6
192 18.7 15.1 22.7

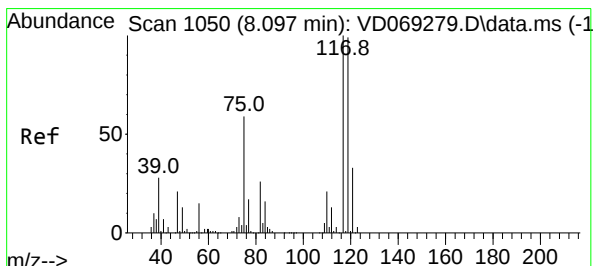
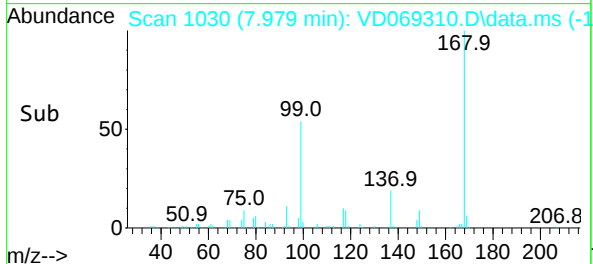
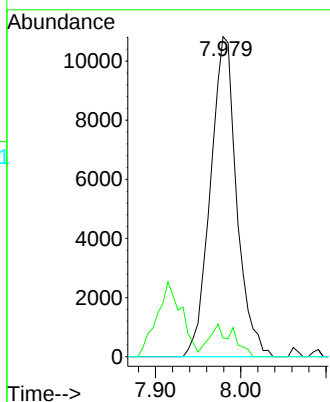
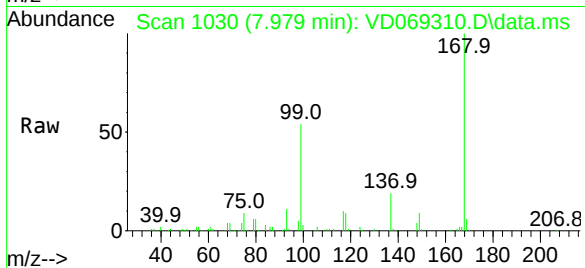




#36
1,1-Dichloropropene
Concen: 3.97 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

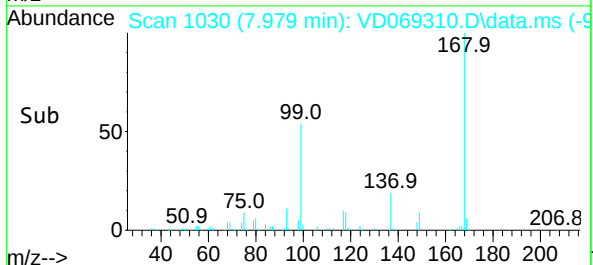
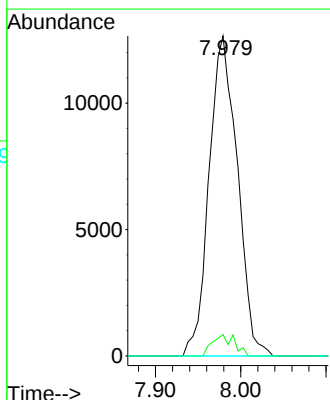
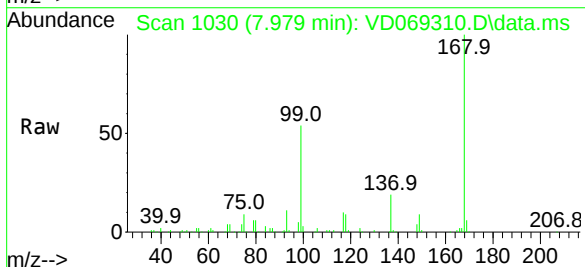
Instrument :
MSVOA_D
ClientSampleId :

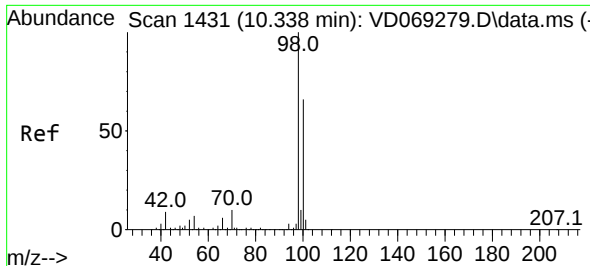
Tgt Ion: 75 Resp: 23180
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.64 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

Tgt Ion: 117 Resp: 29237
Ion Ratio Lower Upper
117 100
119 6.7 79.4 119.2#
121 0.0 26.1 39.1#

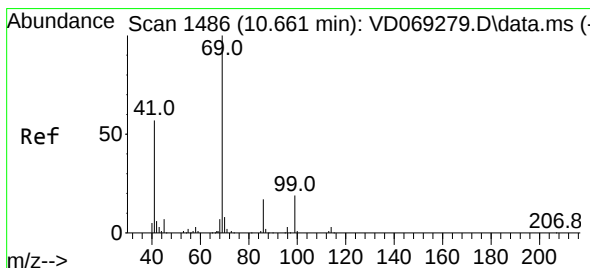
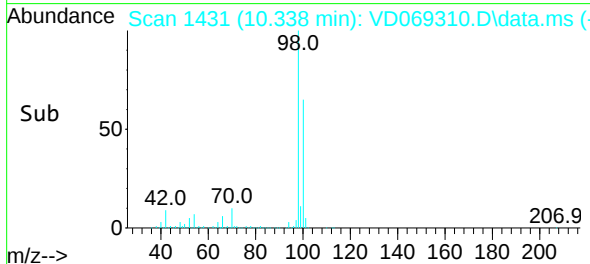
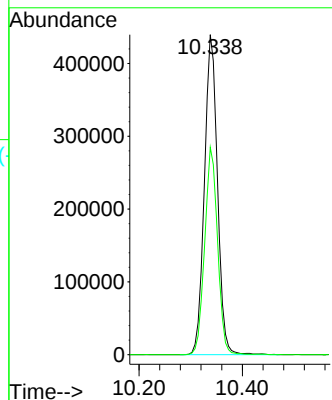
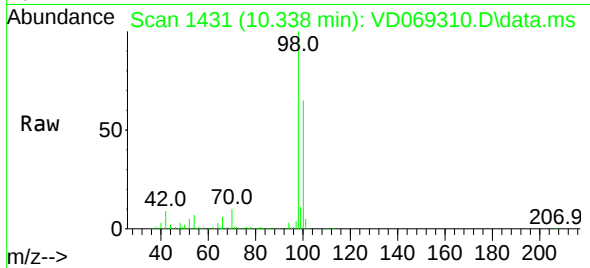




#50
Toluene-d8
Concen: 56.17 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

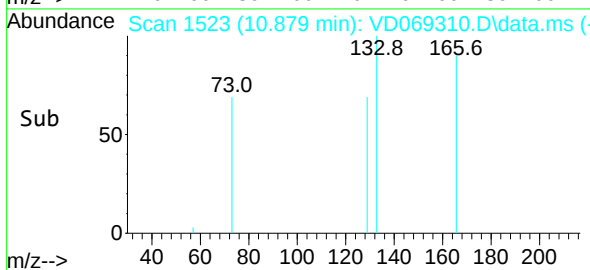
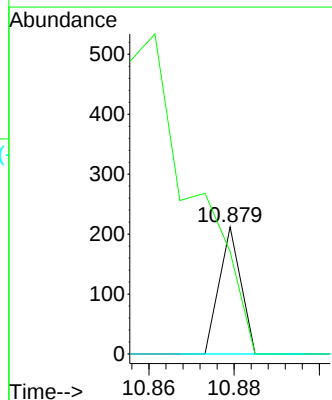
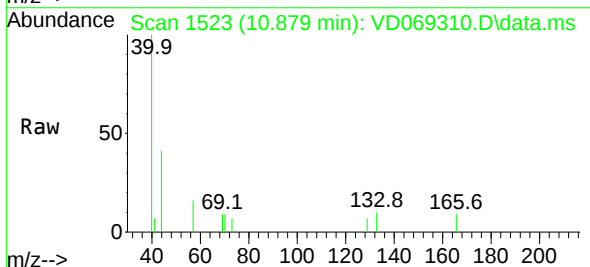
Instrument :
MSVOA_D
ClientSampleId :

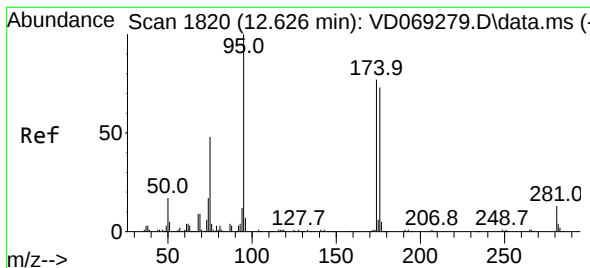
Tgt Ion: 98 Resp: 770627
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#56
Ethyl methacrylate
Concen: 2.66 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.218 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

Tgt Ion: 69 Resp: 75
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 0.0 21.7 32.5#

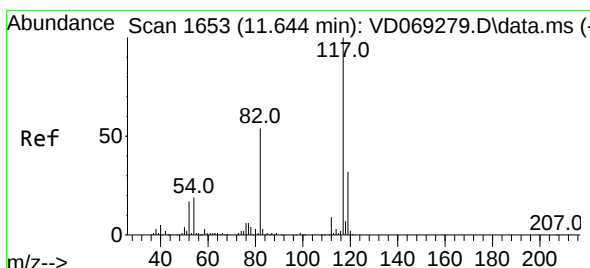
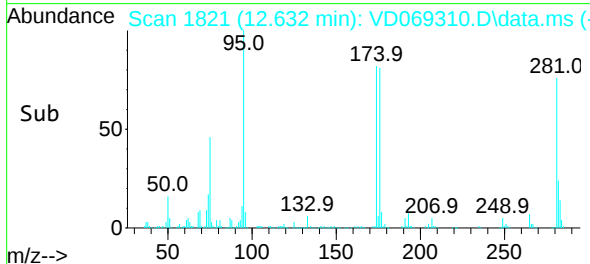
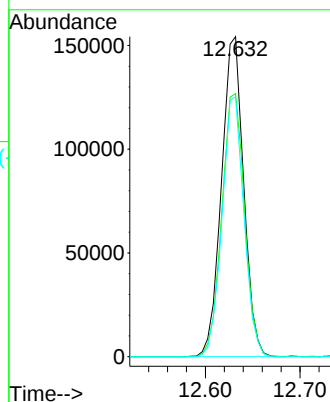
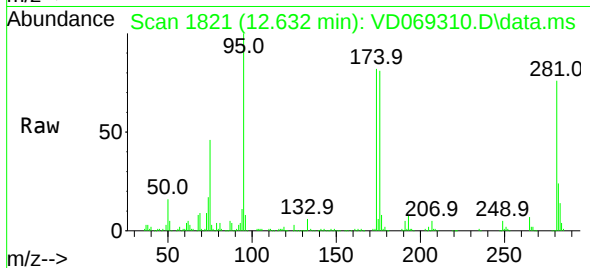




#62
4-Bromofluorobenzene
Concen: 55.79 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

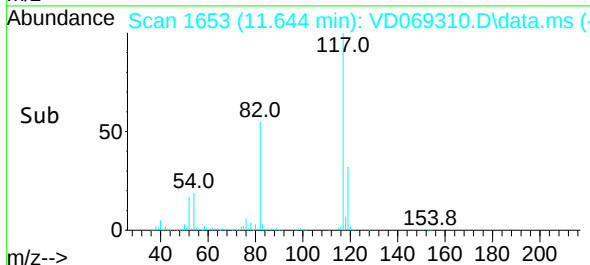
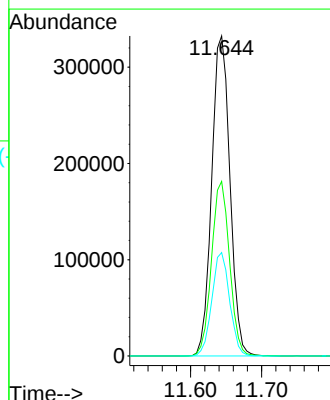
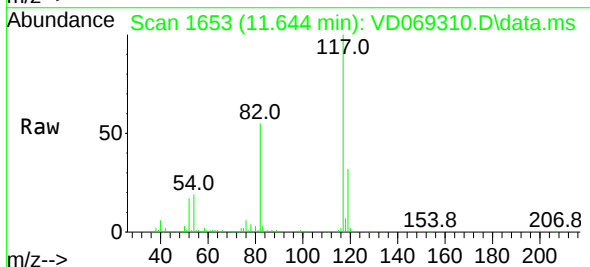
Instrument :
MSVOA_D
ClientSampleId :

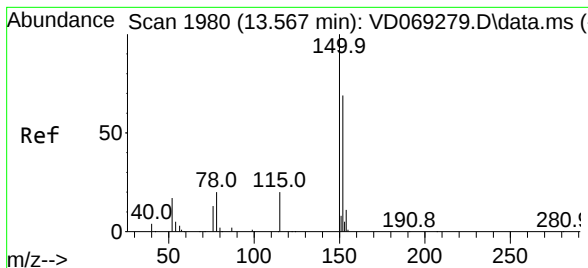
Tgt Ion: 95 Resp: 250834
Ion Ratio Lower Upper
95 100
174 84.6 0.0 162.8
176 80.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

Tgt Ion: 117 Resp: 592671
Ion Ratio Lower Upper
117 100
82 54.5 43.3 64.9
119 32.3 25.3 37.9

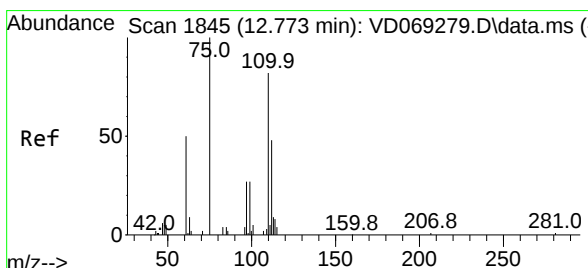
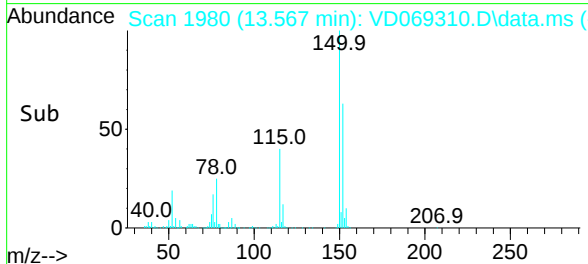
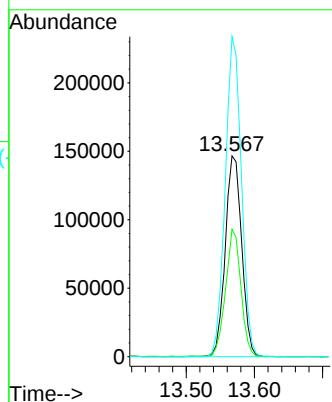
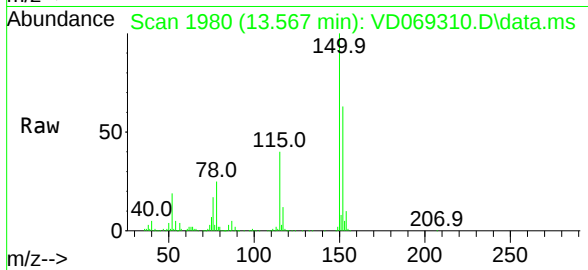




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069310.D
 Acq: 02 Jun 2021 19:19

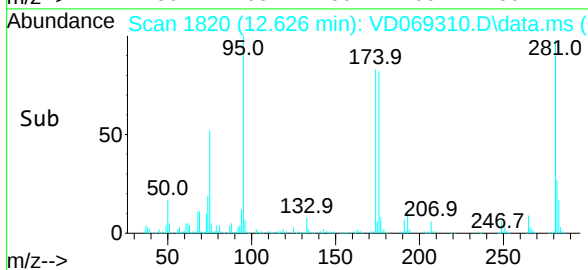
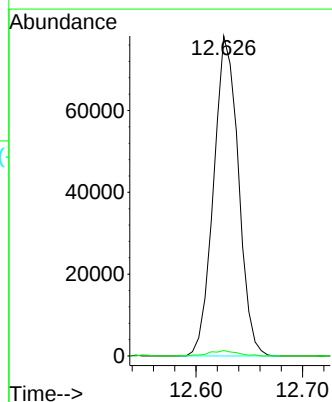
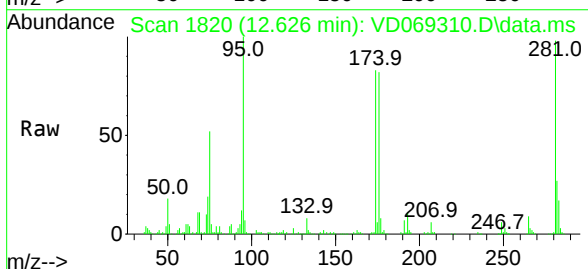
Instrument :
 MSVOA_D
 ClientSampleId :

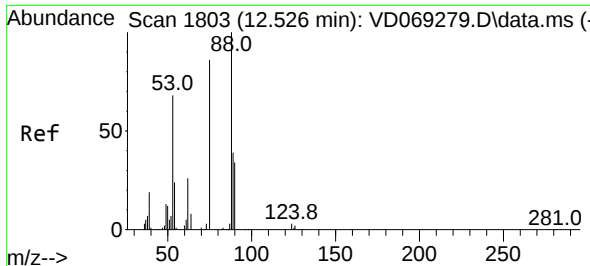
Tgt Ion:152 Resp: 246624
 Ion Ratio Lower Upper
 152 100
 115 59.1 29.4 88.3
 150 156.4 0.0 355.0



#76
 1,2,3-Trichloropropane
 Concen: 58.89 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069310.D
 Acq: 02 Jun 2021 19:19

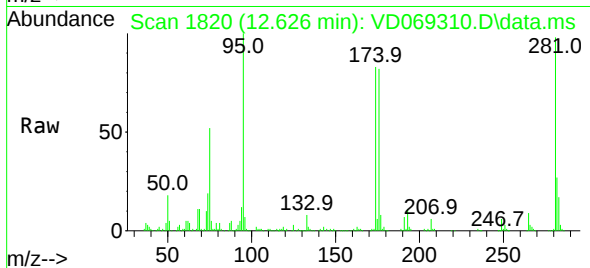
Tgt Ion: 75 Resp: 126187
 Ion Ratio Lower Upper
 75 100
 77 2.0 183.8 551.2#



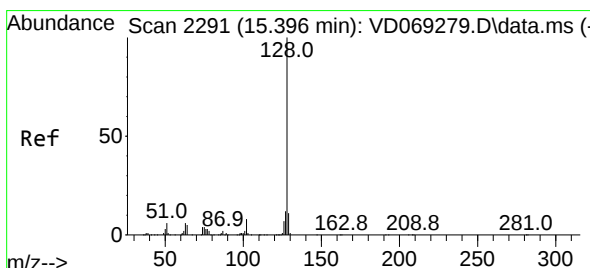
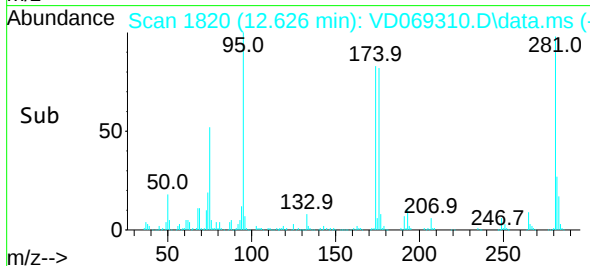
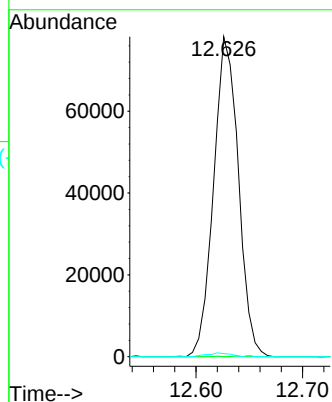


#81
trans-1,4-Dichloro-2-butene
Concen: 130.50 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 126187
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 1.1 35.6 53.4#



#95
Naphthalene
Concen: 4.19 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. -0.005 min
Lab File: VD069310.D
Acq: 02 Jun 2021 19:19

Tgt Ion:128 Resp: 7964
Ion Ratio Lower Upper
128 100
127 14.5 10.4 15.6
129 14.3 8.8 13.2#

