

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069300.D
 Acq On : 02 Jun 2021 14:36
 Operator : VA/SY
 Sample : M2580-01
 Misc : 5.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 03 01:08:40 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)

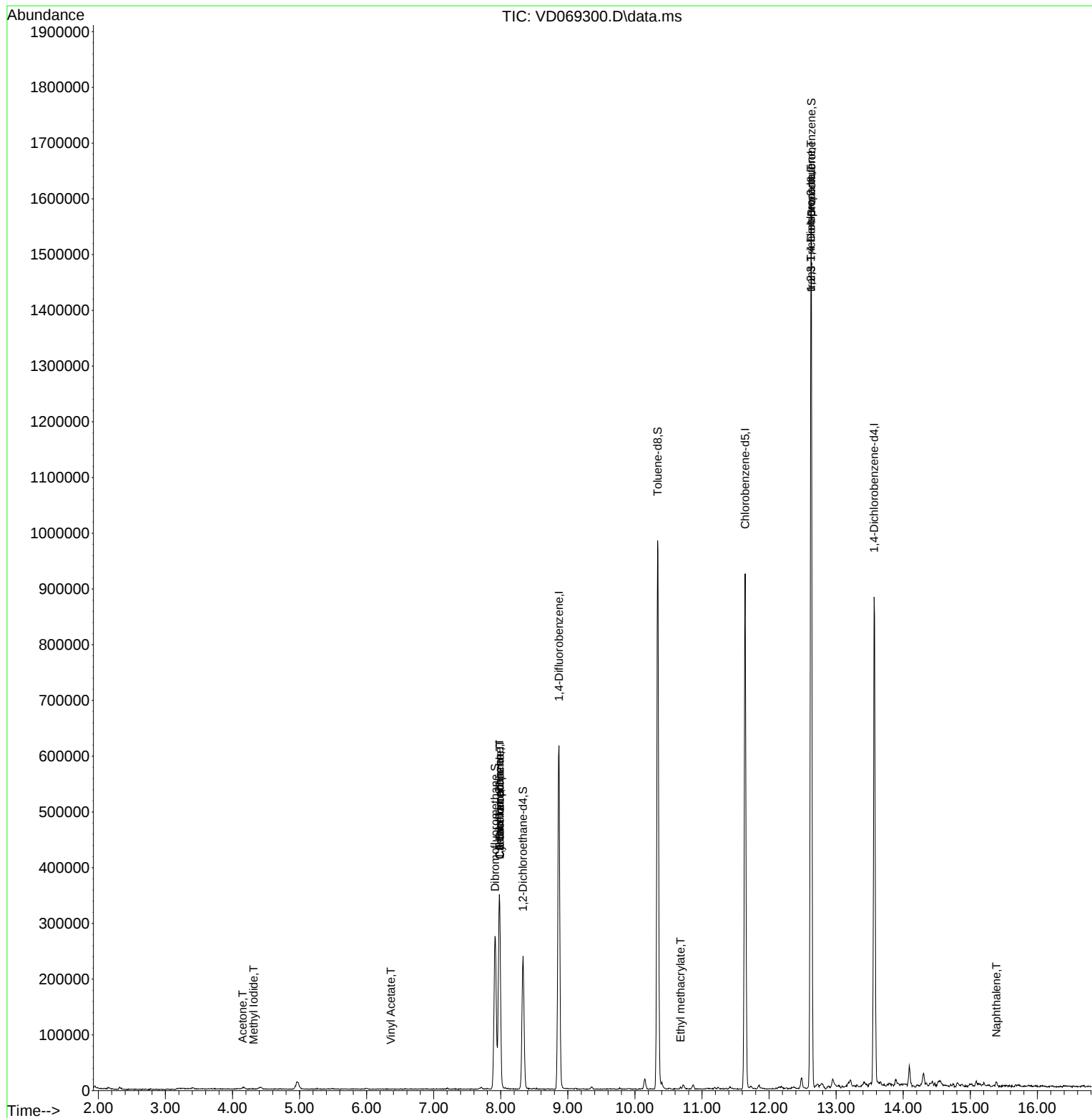
Internal Standards						
1) Pentafluorobenzene	7.979	168	266680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	555809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	544872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	249097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	187715	73.36	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 146.72%			
35) Dibromofluoromethane	7.914	113	201422	57.71	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.42%			
50) Toluene-d8	10.338	98	706760	55.68	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.36%			
62) 4-Bromofluorobenzene	12.632	95	255058	61.33	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 122.66%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	134	2.55	ug/l #	39
11) Tert butyl alcohol	5.226	59	599	Below Cal	#	73
16) Acetone	4.150	43	2263	5.07	ug/l #	66
20) Methylene Chloride	4.961	84	11296	Below Cal		86
23) Vinyl Acetate	6.361	43	60	11.63	ug/l #	67
31) Cyclohexane	7.985	56	5920	1.46	ug/l #	30
36) 1,1-Dichloropropene	7.985	75	20167	3.73	ug/l #	49
38) Carbon Tetrachloride	7.985	117	26714	4.58	ug/l #	15
56) Ethyl methacrylate	10.679	69	406	2.75	ug/l #	20
76) 1,2,3-Trichloropropane	12.626	75	132205	61.09	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	132205	135.37	ug/l #	19
95) Naphthalene	15.390	128	7802	4.16	ug/l	96

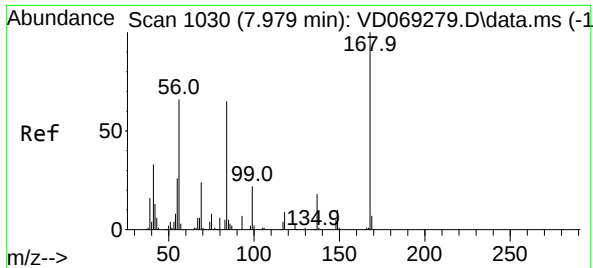
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

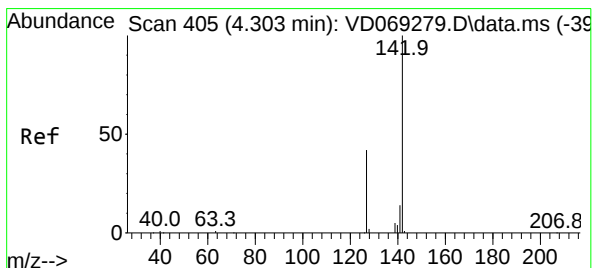
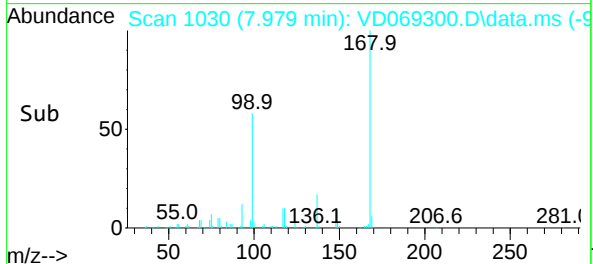
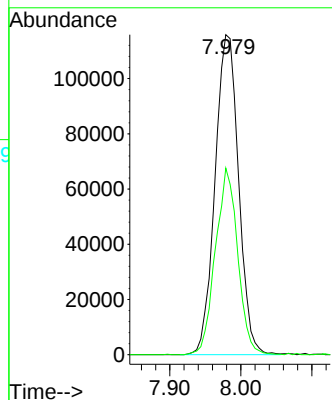
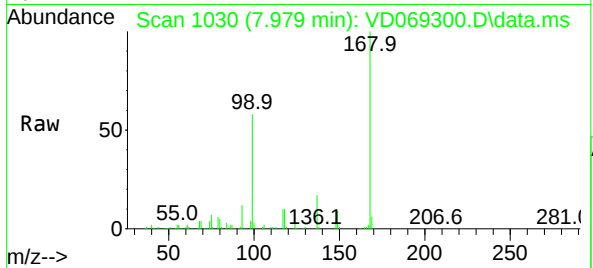




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

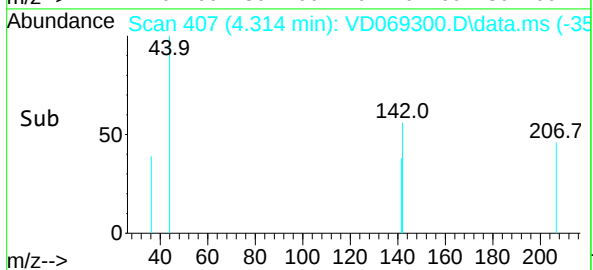
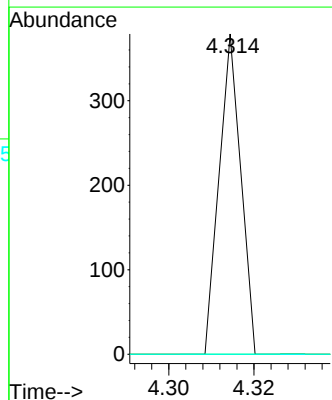
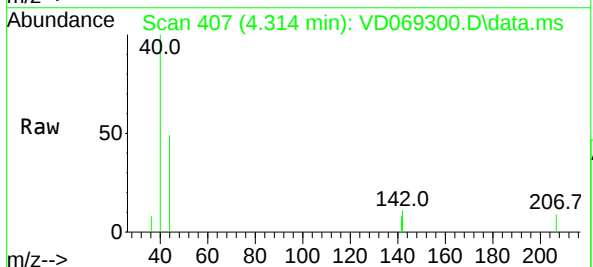
Instrument :
MSVOA_D
ClientSampled :

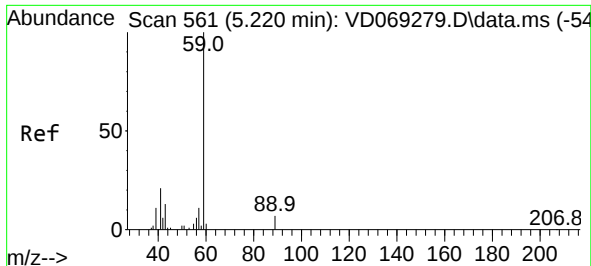
Tgt Ion:168 Resp: 266680
Ion Ratio Lower Upper
168 100
99 58.3 46.2 69.2



#10
Methyl Iodide
Concen: 2.55 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

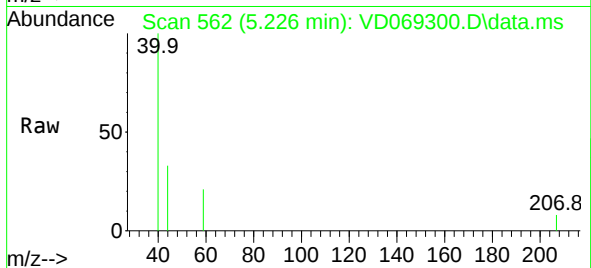
Tgt Ion:142 Resp: 134
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



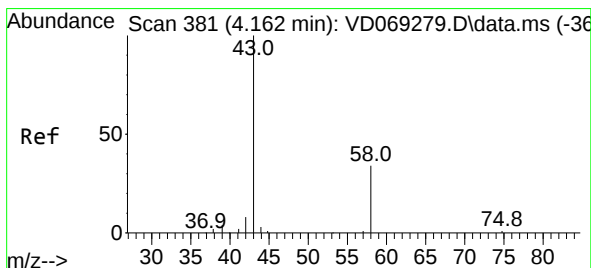
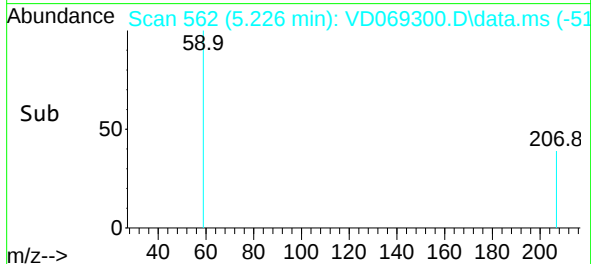
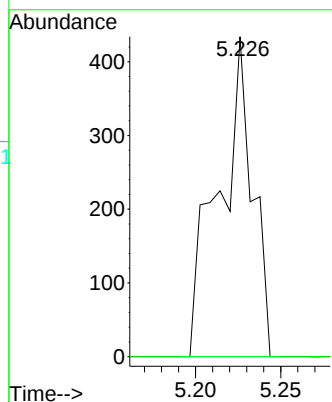


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

Instrument :
MSVOA_D
ClientSampled :

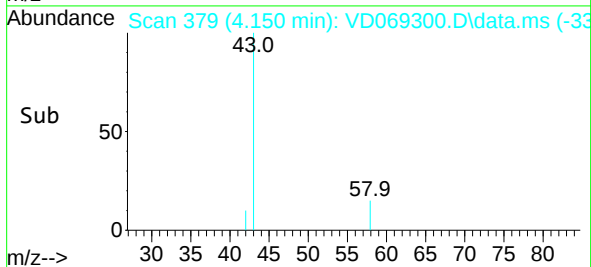
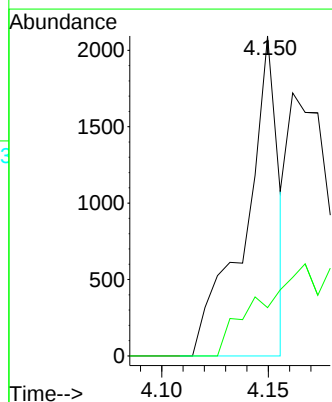
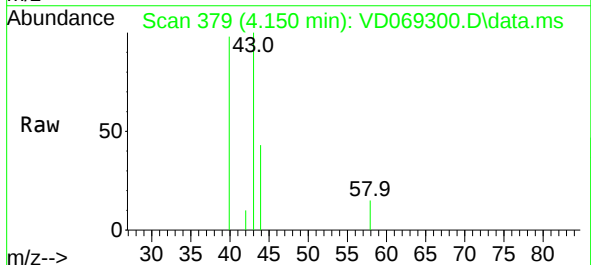


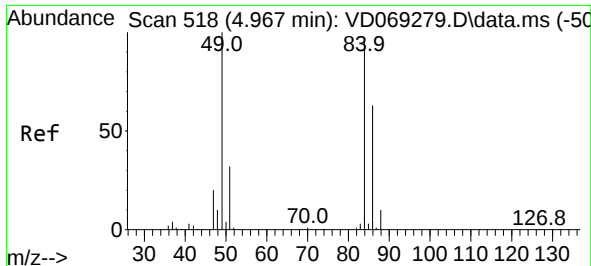
Tgt Ion: 59 Resp: 599
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 5.07 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

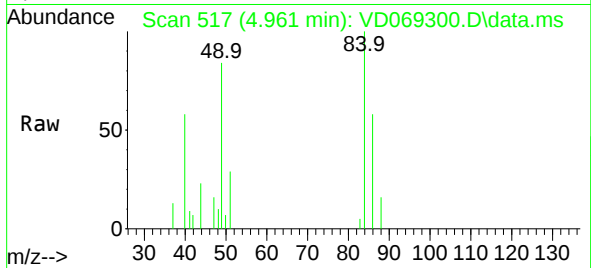
Tgt Ion: 43 Resp: 2263
Ion Ratio Lower Upper
43 100
58 15.1 27.5 41.3#



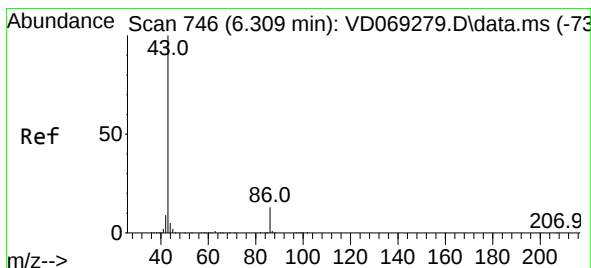
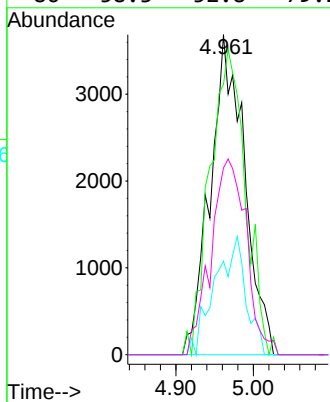
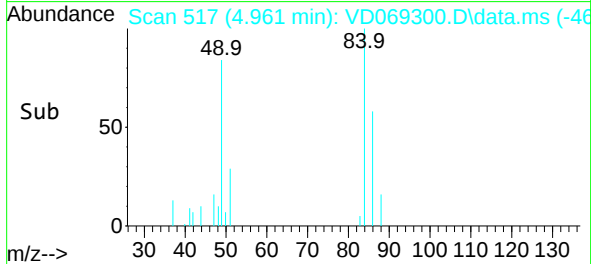


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

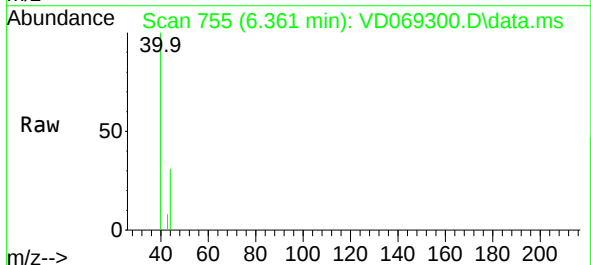
Instrument :
MSVOA_D
ClientSampleId :



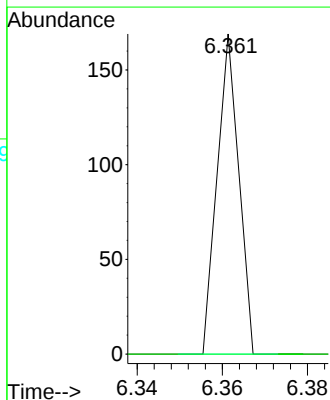
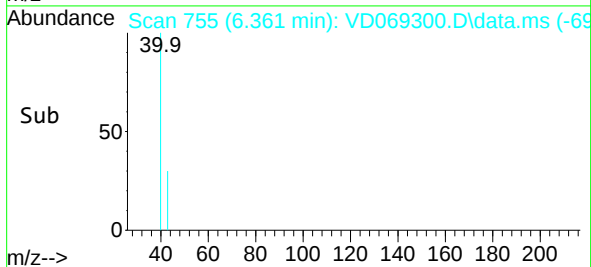
Tgt Ion:	84	Resp:	11296
Ion	Ratio	Lower	Upper
84	100		
49	84.5	83.7	125.5
51	29.2	26.4	39.6
86	58.3	52.8	79.2

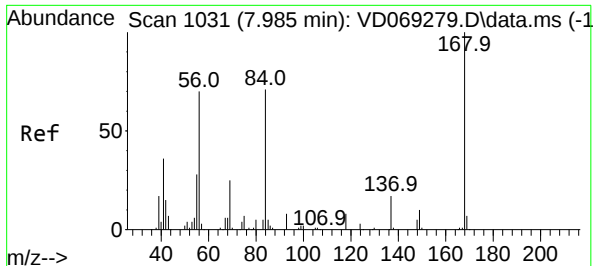


#23
Vinyl Acetate
Concen: 11.63 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.052 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36



Tgt Ion:	43	Resp:	60
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.5	15.7#

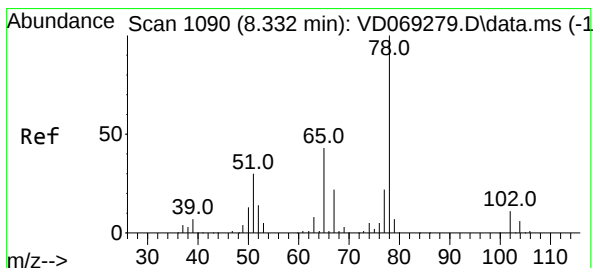
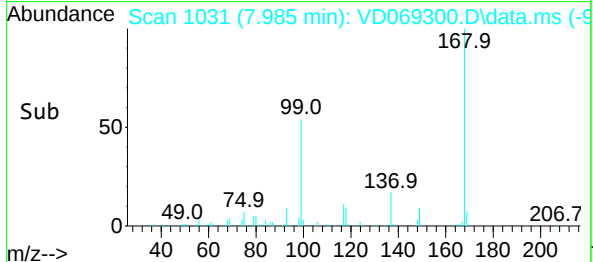
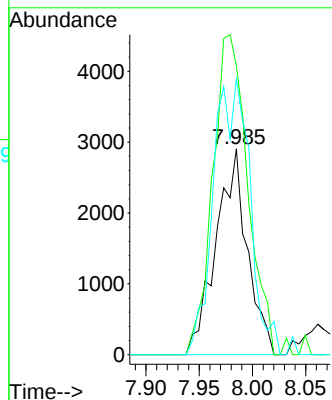
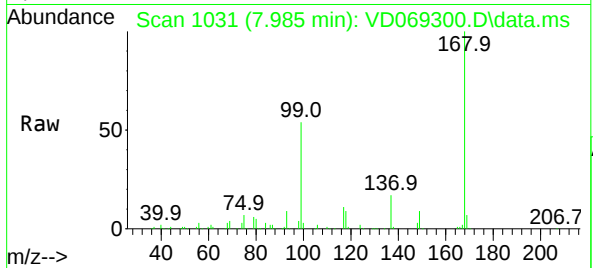




#31
Cyclohexane
Concen: 1.46 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

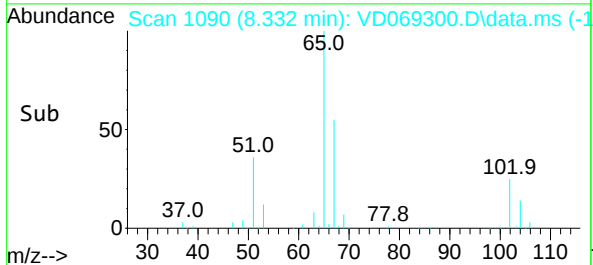
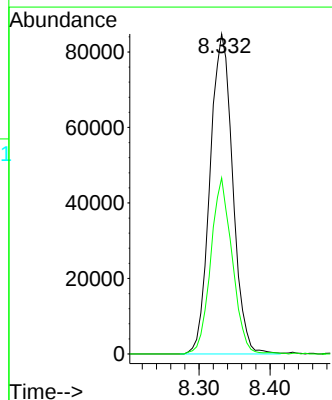
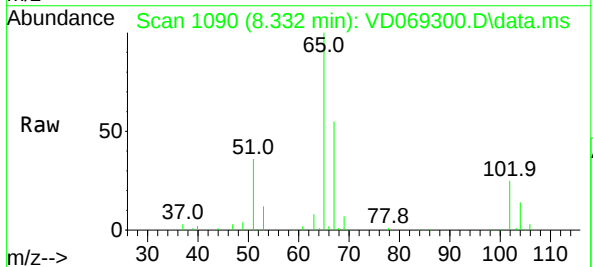
Instrument :
MSVOA_D
ClientSampleId :

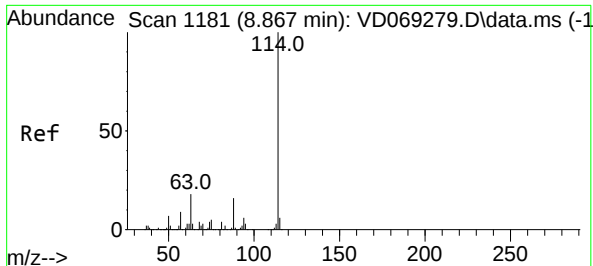
Tgt Ion: 56 Resp: 5920
Ion Ratio Lower Upper
56 100
69 140.3 29.0 43.4#
84 133.8 81.1 121.7#



#33
1,2-Dichloroethane-d4
Concen: 73.36 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

Tgt Ion: 65 Resp: 187715
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8

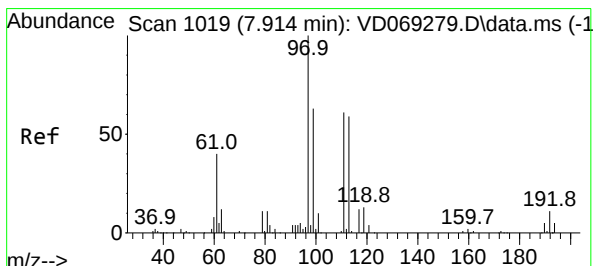
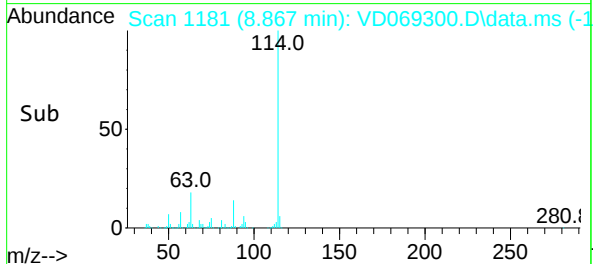
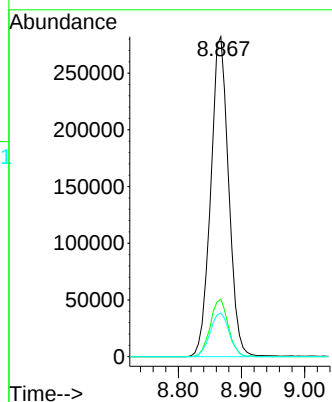
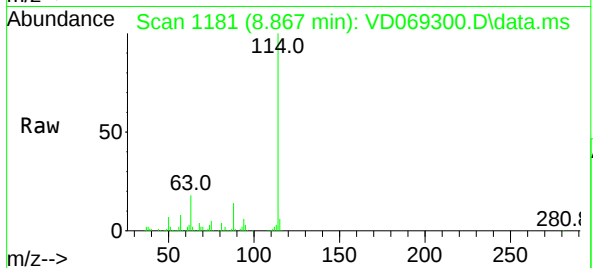




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

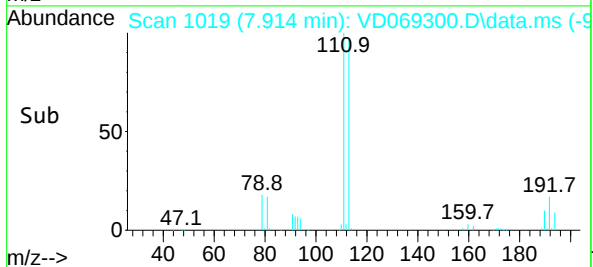
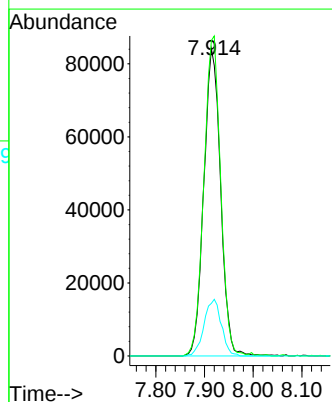
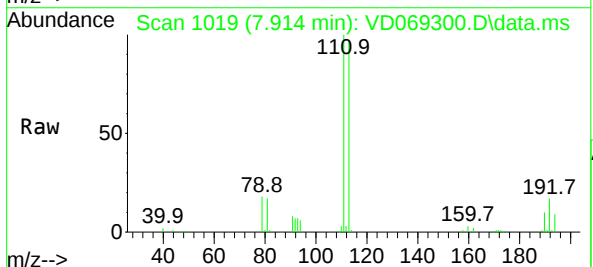
Instrument :
MSVOA_D
ClientSampled :

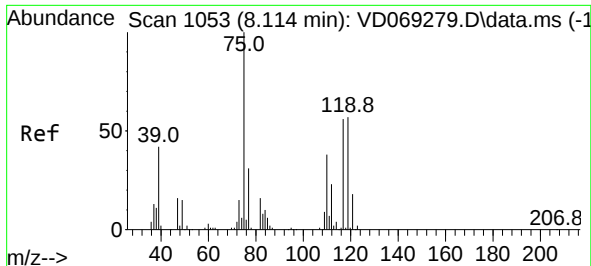
Tgt Ion:114 Resp: 555809
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.6
88 13.6 0.0 31.2



#35
Dibromofluoromethane
Concen: 57.71 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

Tgt Ion:113 Resp: 201422
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.6
192 18.9 15.1 22.7

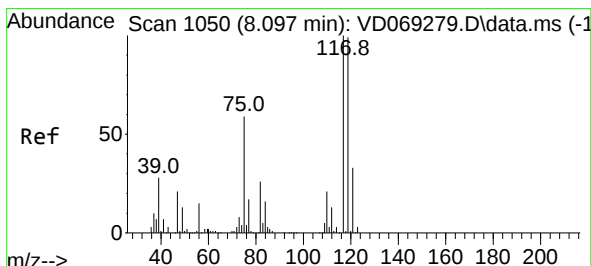
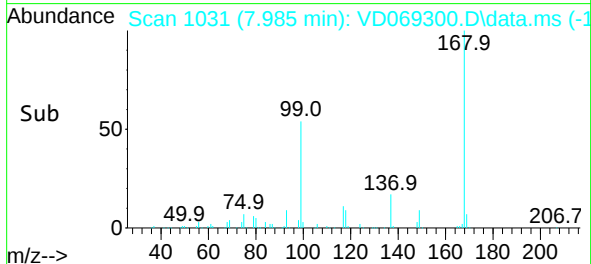
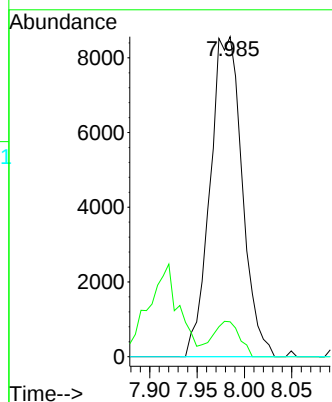
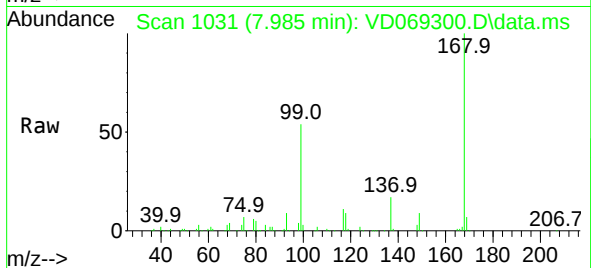




#36
1,1-Dichloropropene
Concen: 3.73 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.130 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

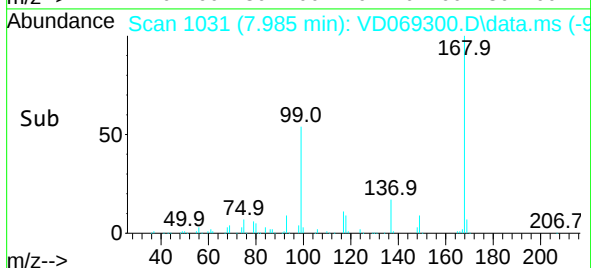
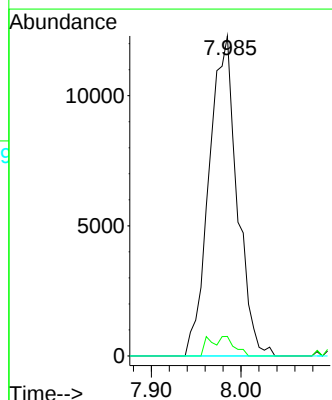
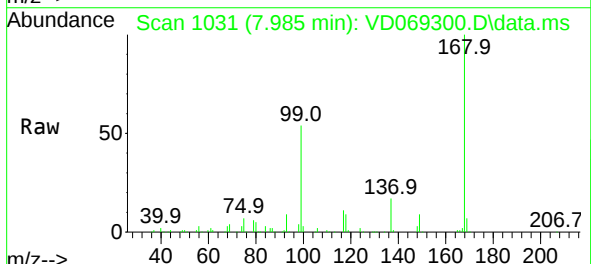
Instrument :
MSVOA_D
ClientSampled :

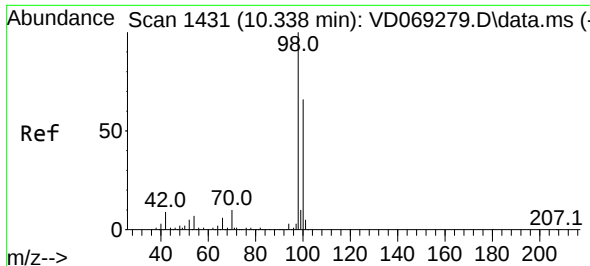
Tgt Ion: 75 Resp: 20167
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.58 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

Tgt Ion: 117 Resp: 26714
Ion Ratio Lower Upper
117 100
119 6.1 79.4 119.2#
121 0.0 26.1 39.1#

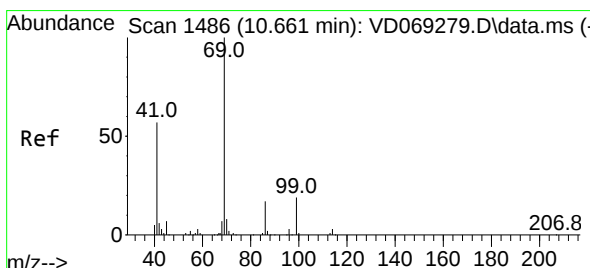
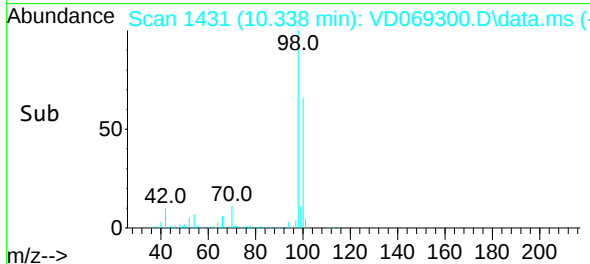
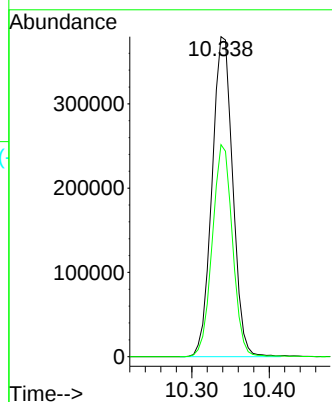
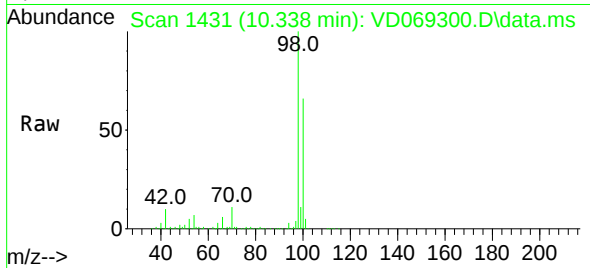




#50
Toluene-d8
Concen: 55.68 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

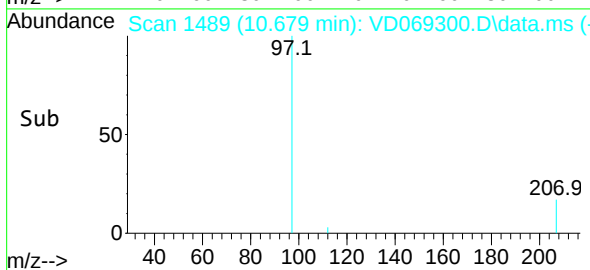
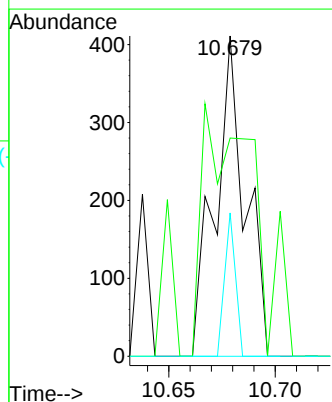
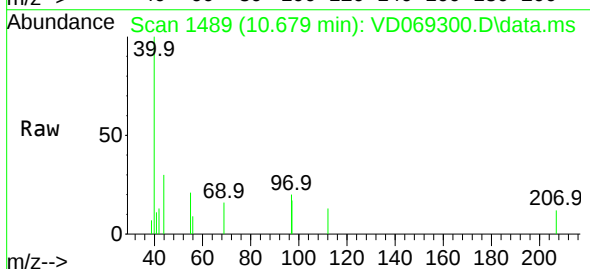
Instrument :
MSVOA_D
ClientSampled :

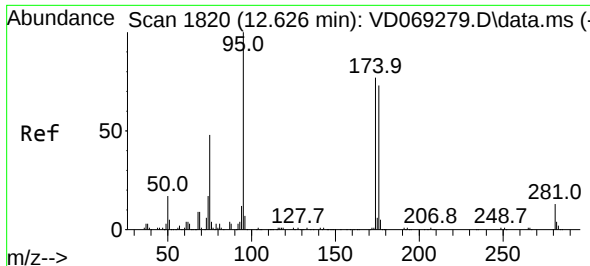
Tgt Ion: 98 Resp: 706760
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#56
Ethyl methacrylate
Concen: 2.75 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.018 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

Tgt Ion: 69 Resp: 406
Ion Ratio Lower Upper
69 100
41 136.5 45.4 68.2#
39 16.0 21.7 32.5#

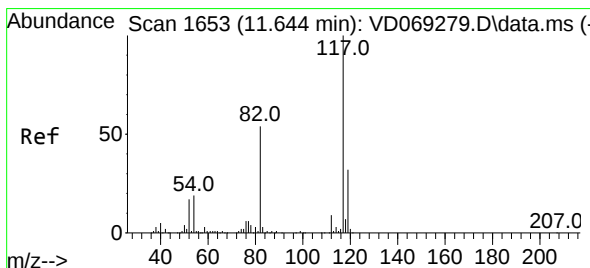
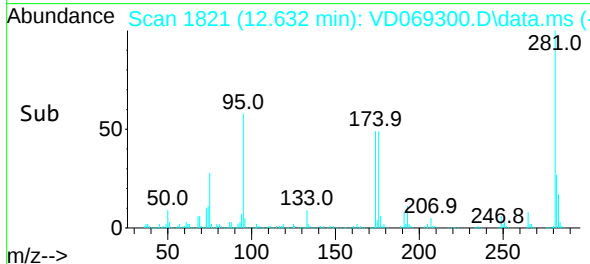
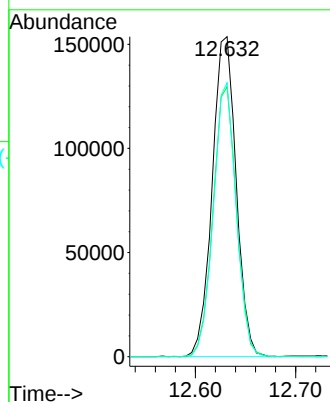
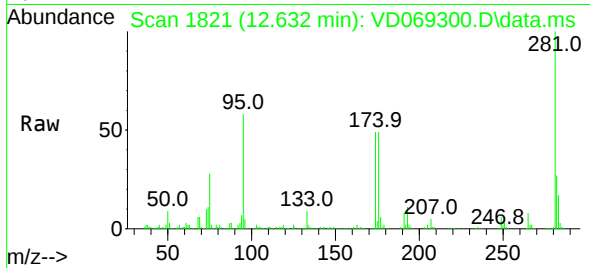




#62
4-Bromofluorobenzene
Concen: 61.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

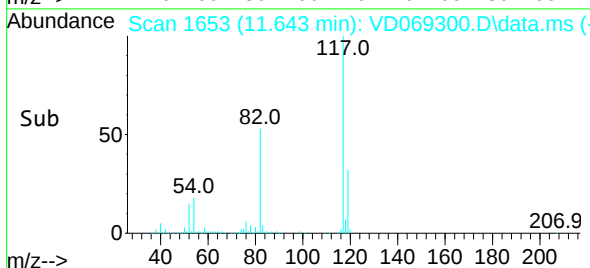
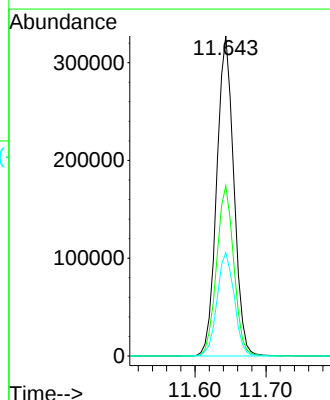
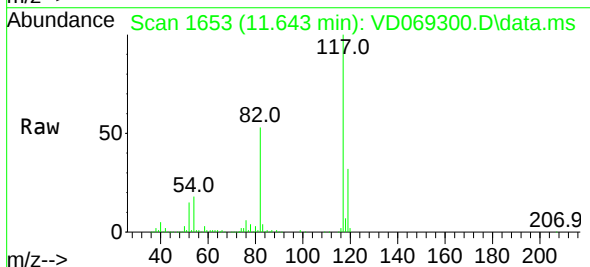
Instrument :
MSVOA_D
ClientSampled :

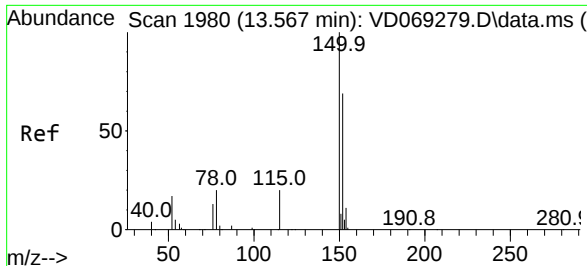
Tgt Ion: 95 Resp: 255058
Ion Ratio Lower Upper
95 100
174 82.2 0.0 162.8
176 81.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

Tgt Ion: 117 Resp: 544872
Ion Ratio Lower Upper
117 100
82 53.1 43.3 64.9
119 32.4 25.3 37.9

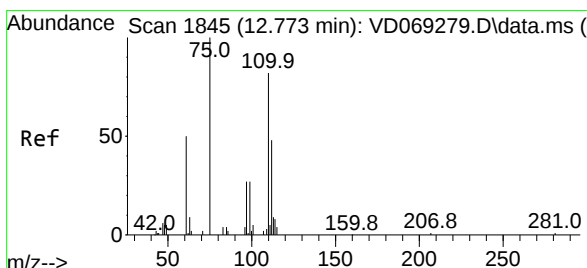
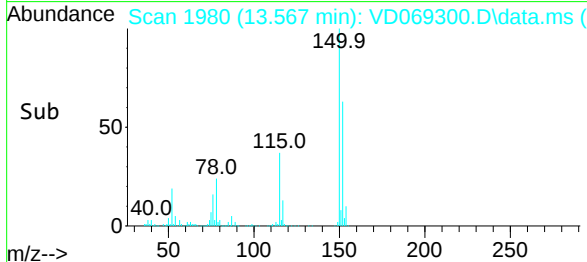
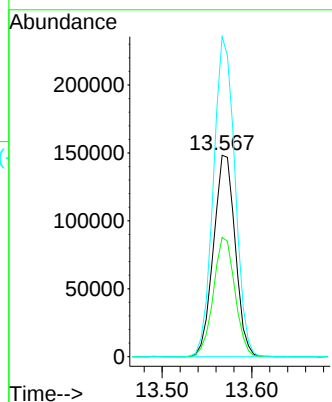
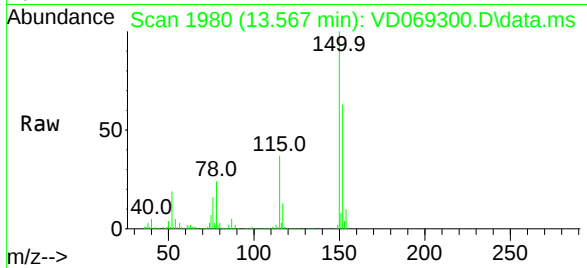




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069300.D
 Acq: 02 Jun 2021 14:36

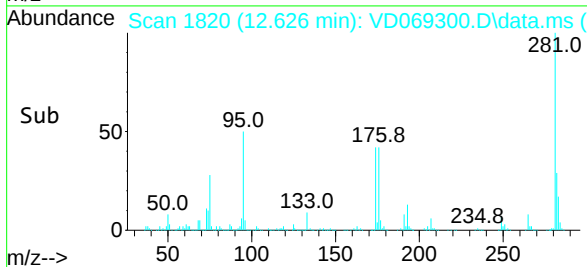
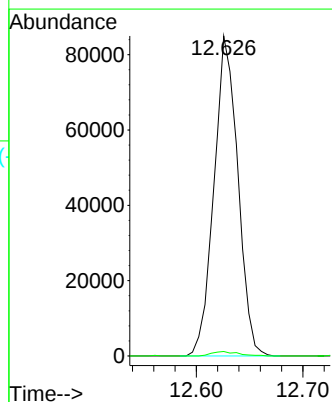
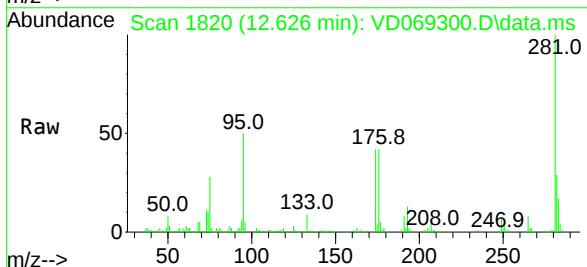
Instrument :
 MSVOA_D
 ClientSampled :

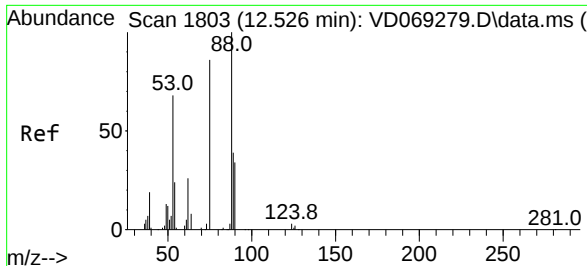
Tgt Ion:152 Resp: 249097
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.4 88.3
 150 157.5 0.0 355.0



#76
 1,2,3-Trichloropropane
 Concen: 61.09 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069300.D
 Acq: 02 Jun 2021 14:36

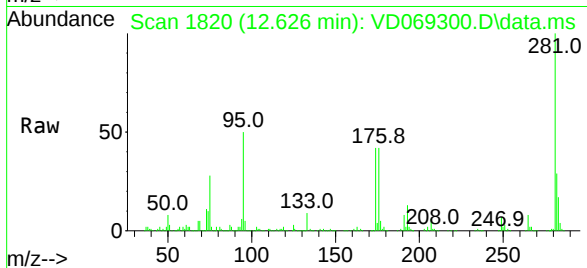
Tgt Ion: 75 Resp: 132205
 Ion Ratio Lower Upper
 75 100
 77 1.5 183.8 551.2#



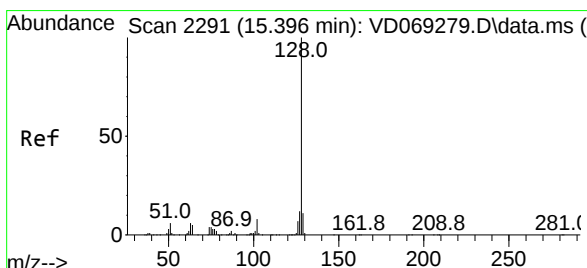
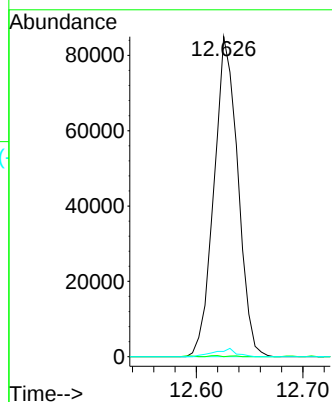
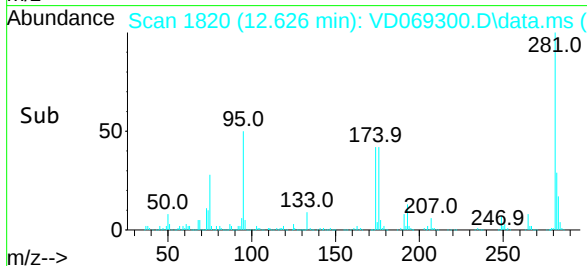


#81
trans-1,4-Dichloro-2-butene
Concen: 135.37 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36

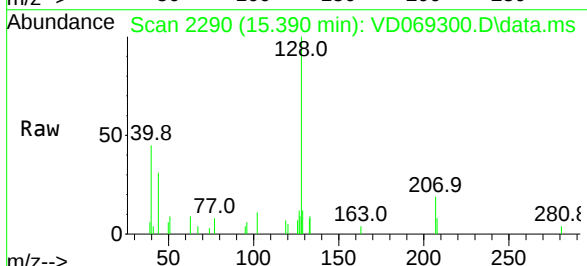
Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 75 Resp: 132205
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 2.3 35.6 53.4#



#95
Naphthalene
Concen: 4.16 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069300.D
Acq: 02 Jun 2021 14:36



Tgt Ion: 128 Resp: 7802
Ion Ratio Lower Upper
128 100
127 15.3 10.4 15.6
129 11.4 8.8 13.2

