

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069360.D
 Acq On : 07 Jun 2021 11:22
 Operator : VA/SY
 Sample : VD0607SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBL01

Quant Time: Jun 08 04:21:21 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)

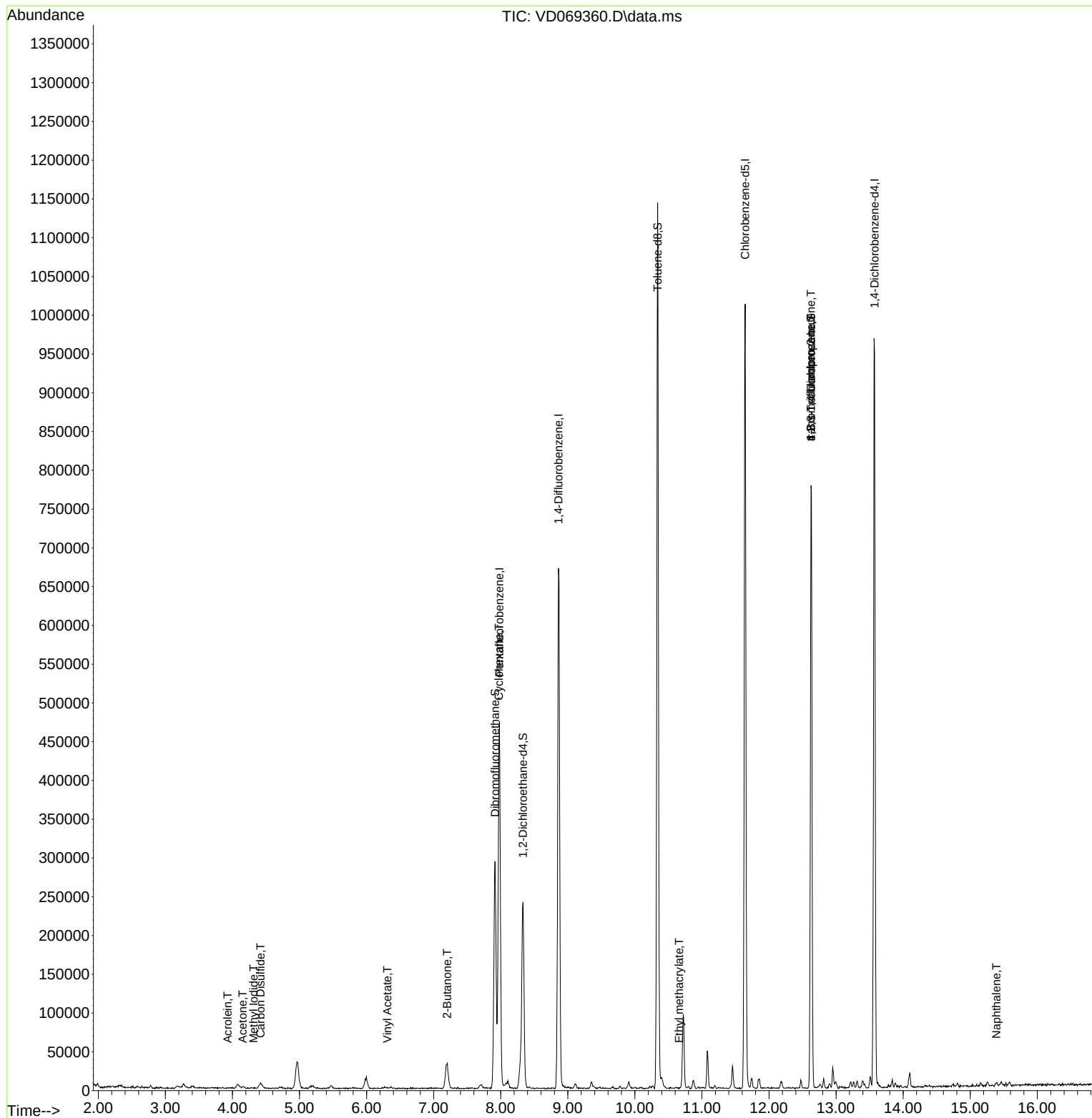
Internal Standards						
1) Pentafluorobenzene	7.979	168	343521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	610023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	613121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	272339	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	193581	58.73	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.46%			
35) Dibromofluoromethane	7.914	113	208498	54.43	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.86%			
50) Toluene-d8	10.338	98	763285	54.79	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.58%			
62) 4-Bromofluorobenzene	12.626	95	238275	52.20	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.40%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	820	2.71	ug/l #	77
11) Tert butyl alcohol	5.162	59	1359	Below Cal	#	73
13) Acrolein	3.926	56	78	17.47	ug/l #	1
16) Acetone	4.150	43	4156	7.23	ug/l	92
17) Carbon Disulfide	4.420	76	11972	1.05	ug/l	95
23) Vinyl Acetate	6.309	43	929	11.79	ug/l #	67
25) 2-Butanone	7.203	43	1144	1.51	ug/l #	45
31) Cyclohexane	7.973	56	9518	1.82	ug/l #	23
56) Ethyl methacrylate	10.661	69	253	2.70	ug/l	95
76) 1,2,3-Trichloropropane	12.626	75	123164	52.05	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	123164	115.35	ug/l #	18
95) Naphthalene	15.390	128	3882	3.69	ug/l #	93

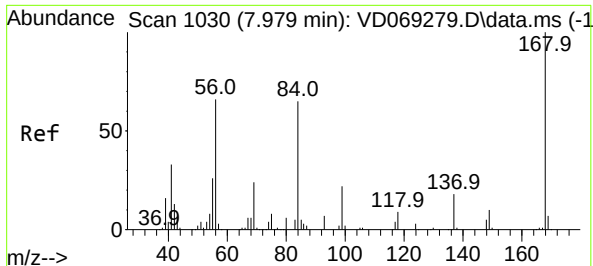
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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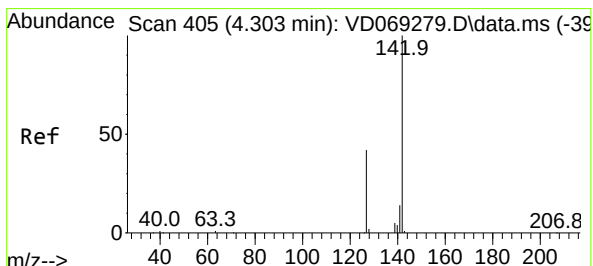
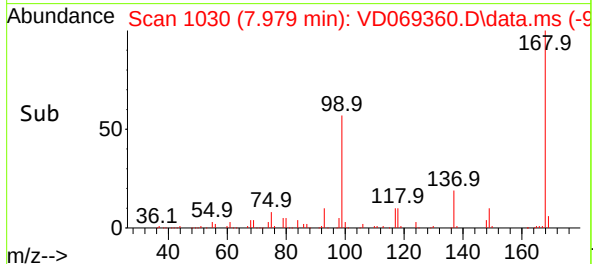
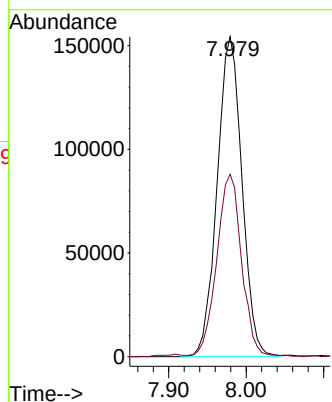
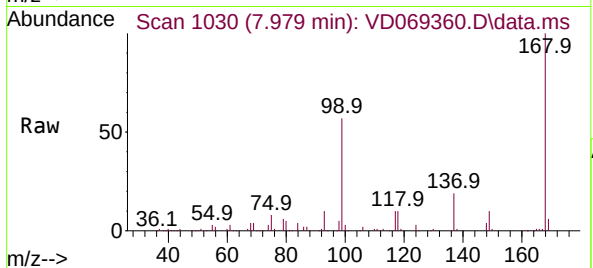




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

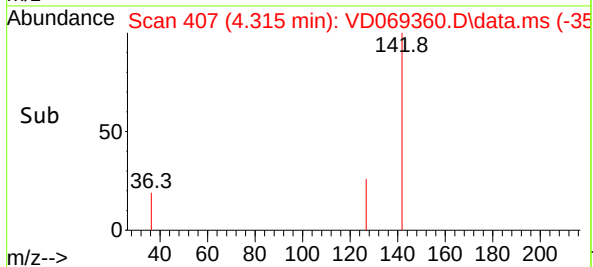
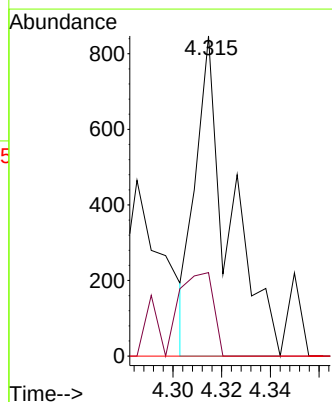
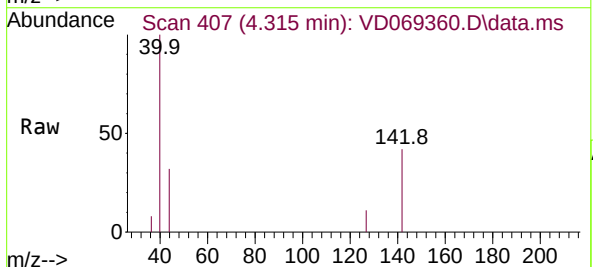
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

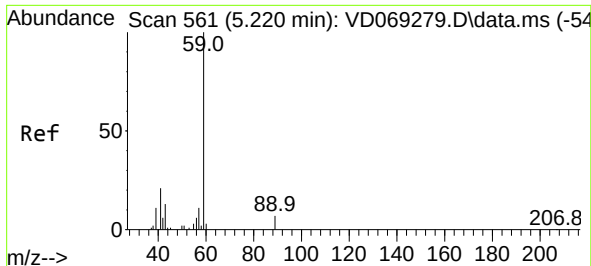
Tgt Ion:168 Resp: 343521
Ion Ratio Lower Upper
168 100
99 56.6 46.2 69.2



#10
Methyl Iodide
Concen: 2.71 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

Tgt Ion:142 Resp: 820
Ion Ratio Lower Upper
142 100
127 33.3 36.2 54.2#
141 0.0 12.2 18.2#



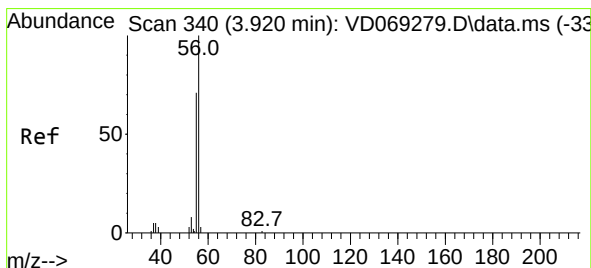
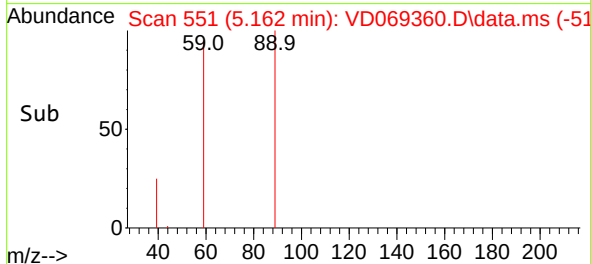
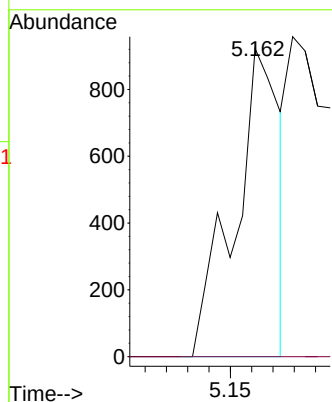
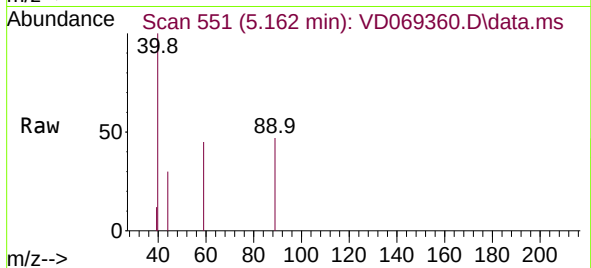


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.162 min Scan# 551
Delta R.T. -0.058 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

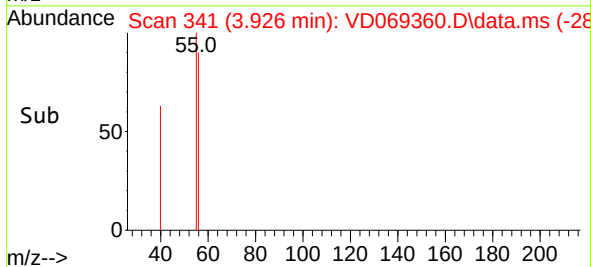
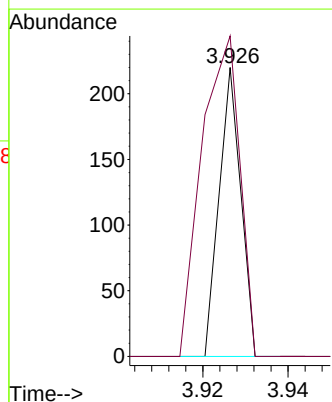
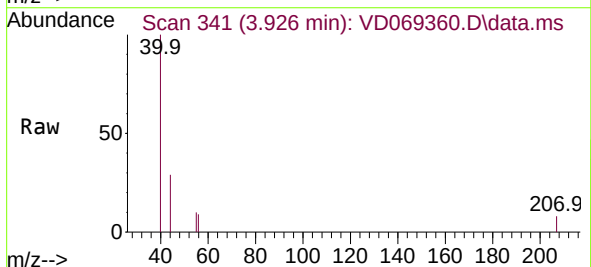
Tgt Ion: 59 Resp: 1359
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

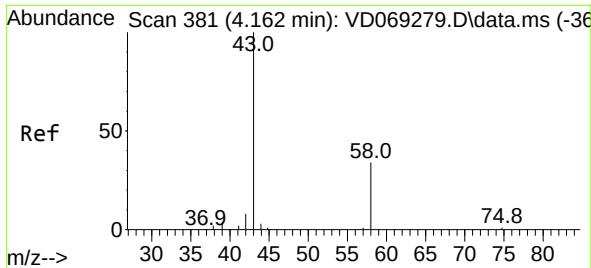


#13

Acrolein
Concen: 17.47 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 193.6 53.8 80.8#

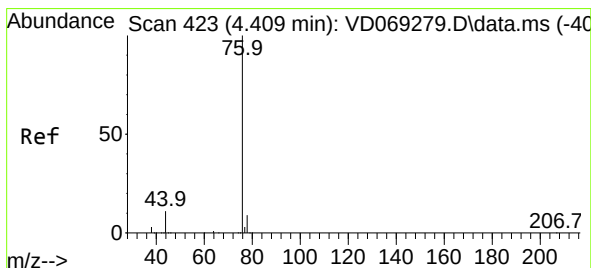
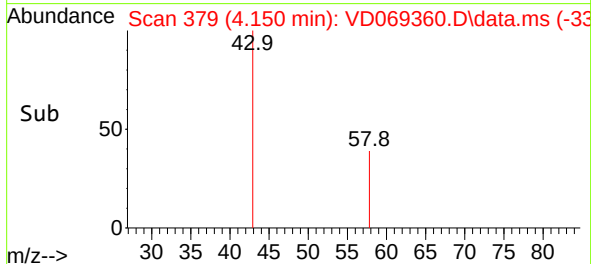
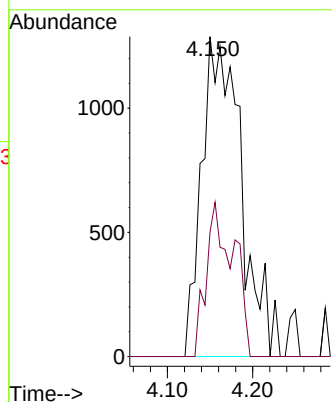
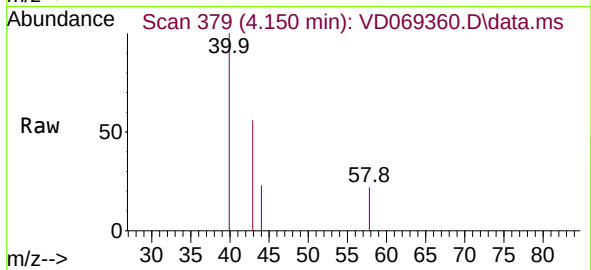




#16
Acetone
Concen: 7.23 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

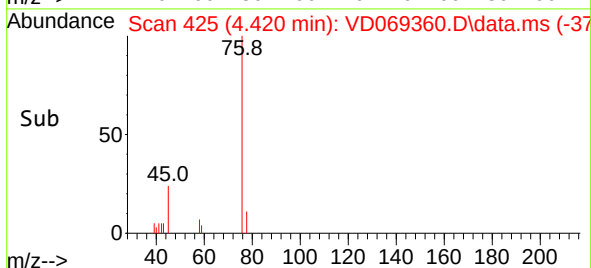
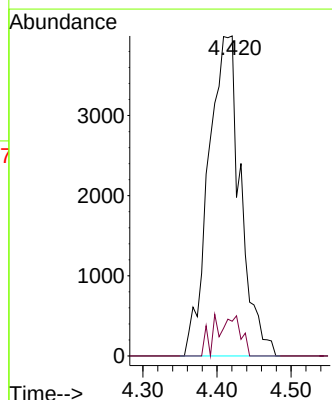
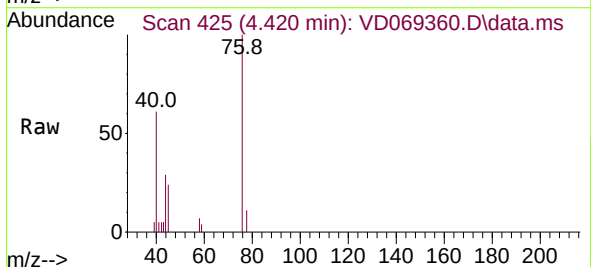
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

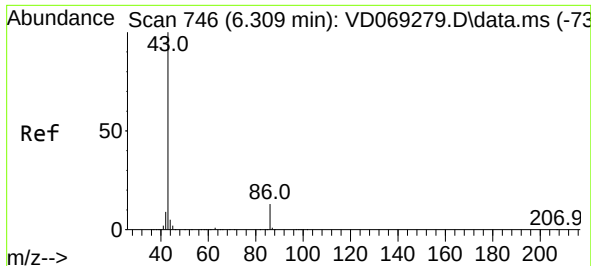
Tgt Ion: 43 Resp: 4156
Ion Ratio Lower Upper
43 100
58 38.8 27.5 41.3



#17
Carbon Disulfide
Concen: 1.05 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.012 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

Tgt Ion: 76 Resp: 11972
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0

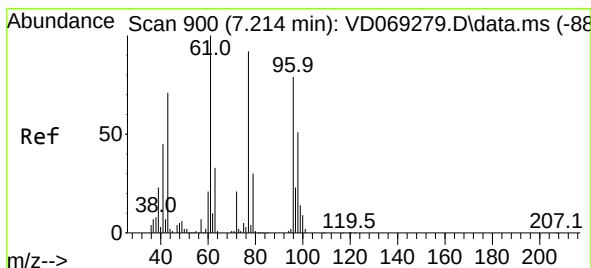
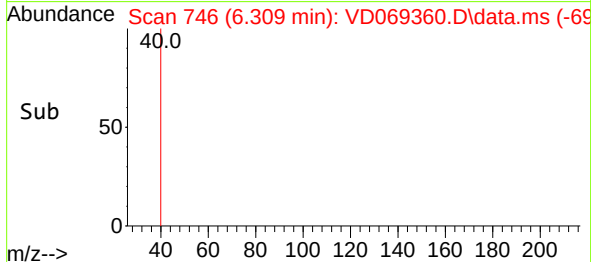
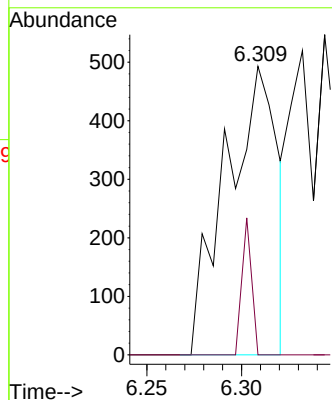
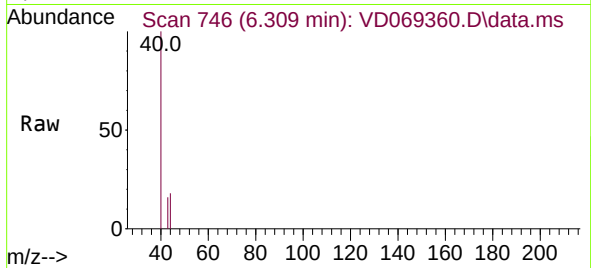




#23
 Vinyl Acetate
 Concen: 11.79 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD069360.D
 Acq: 07 Jun 2021 11:22

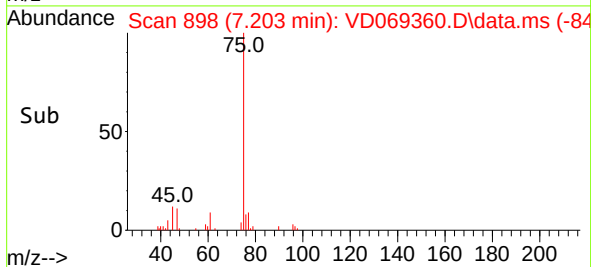
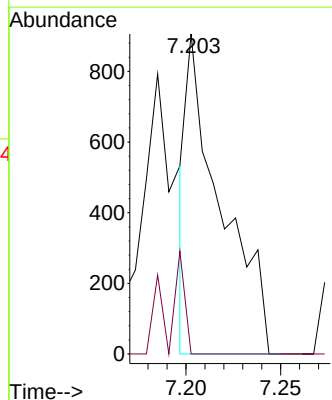
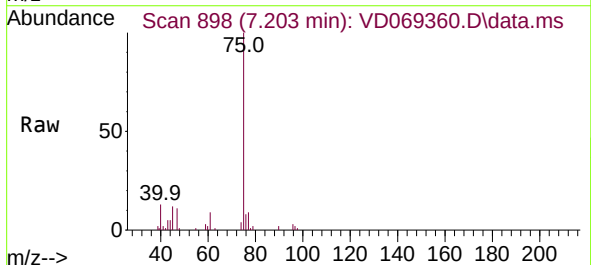
Instrument :
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 ClientSampleId :
 VD0607SBL01

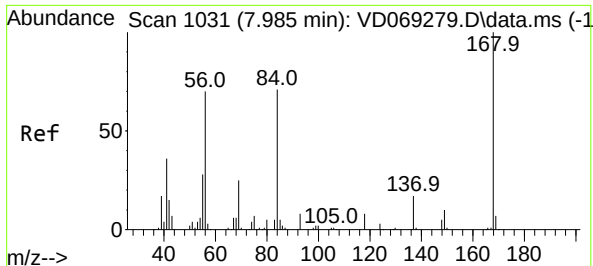
Tgt Ion: 43 Resp: 929
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#25
 2-Butanone
 Concen: 1.51 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.012 min
 Lab File: VD069360.D
 Acq: 07 Jun 2021 11:22

Tgt Ion: 43 Resp: 1144
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.9 35.9#

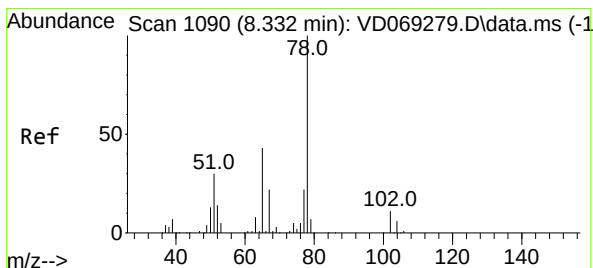
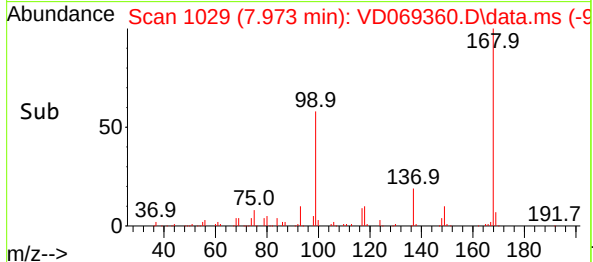
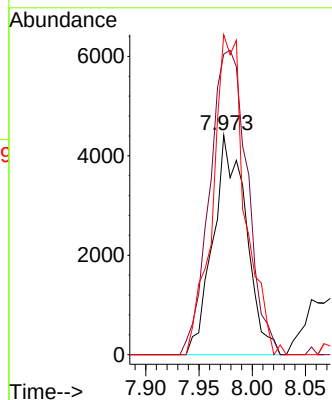
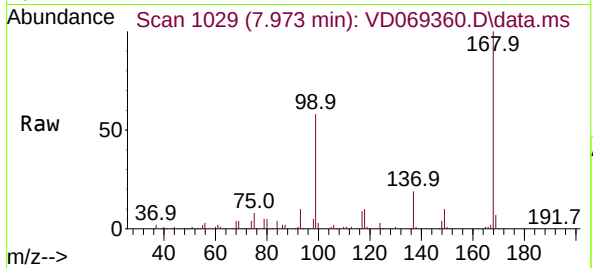




#31
Cyclohexane
Concen: 1.82 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

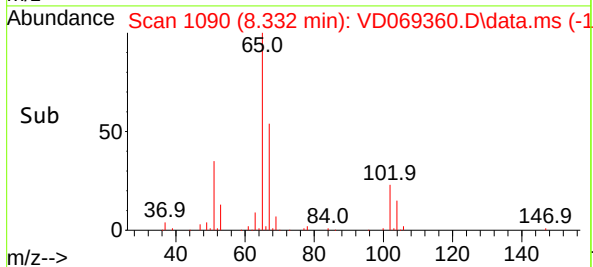
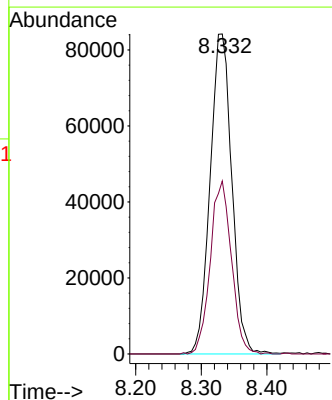
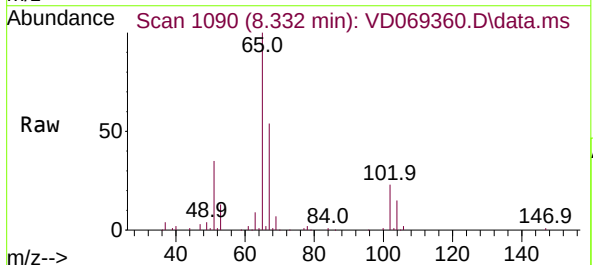
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MSVOA_D
ClientSampleId :
VD0607SBL01

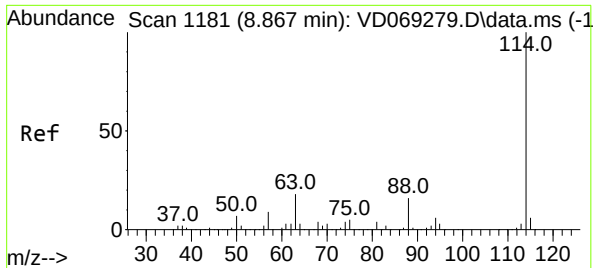
Tgt Ion: 56 Resp: 9518
Ion Ratio Lower Upper
56 100
69 137.0 29.0 43.4#
84 145.9 81.1 121.7#



#33
1,2-Dichloroethane-d4
Concen: 58.73 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

Tgt Ion: 65 Resp: 193581
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8

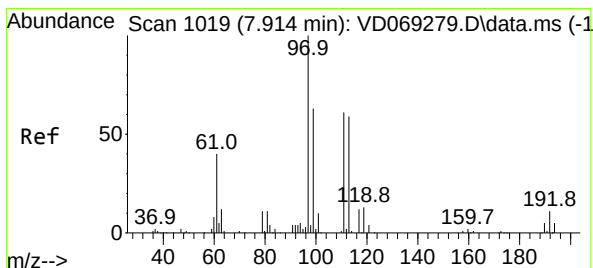
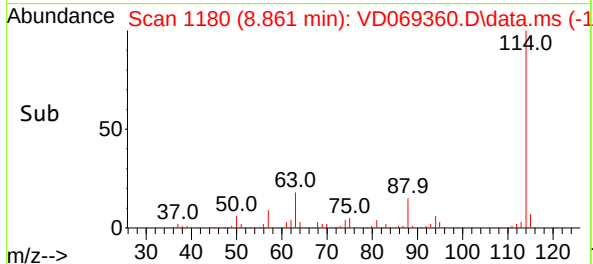
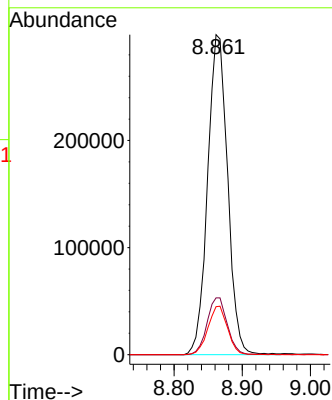
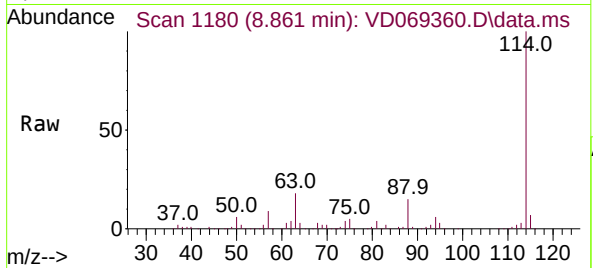




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

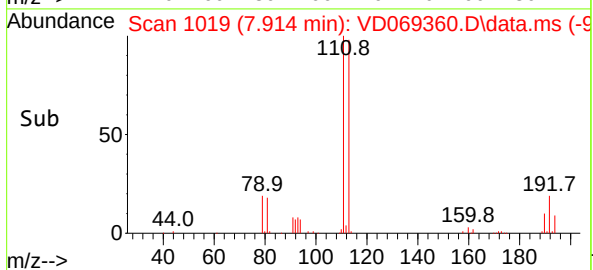
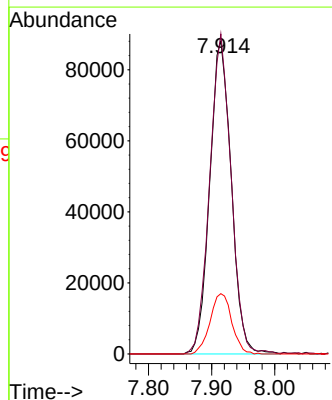
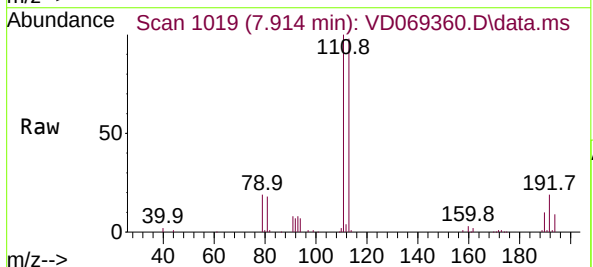
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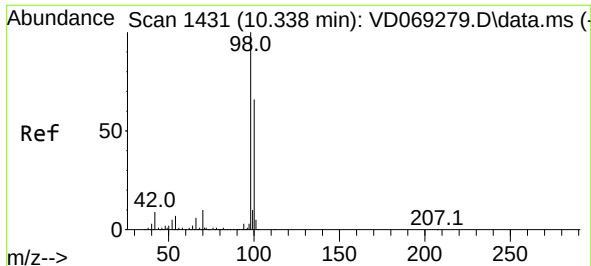
Tgt Ion:114 Resp: 610023
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.6
88 15.0 0.0 31.2



#35
Dibromofluoromethane
Concen: 54.43 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

Tgt Ion:113 Resp: 208498
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.6
192 19.5 15.1 22.7

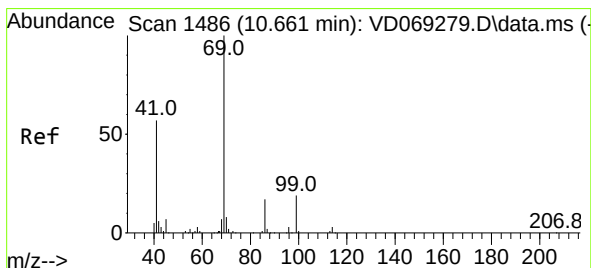
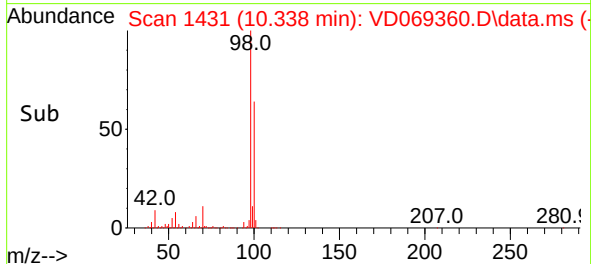
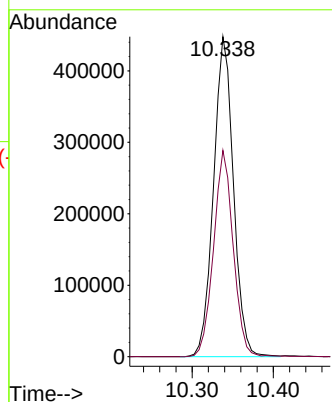
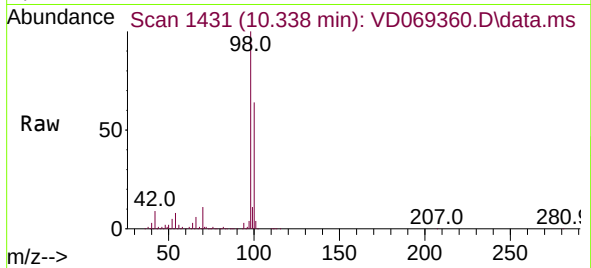




#50
Toluene-d8
Concen: 54.79 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

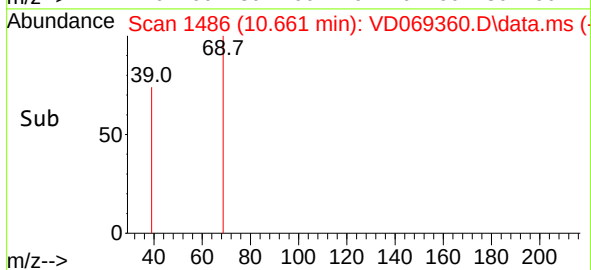
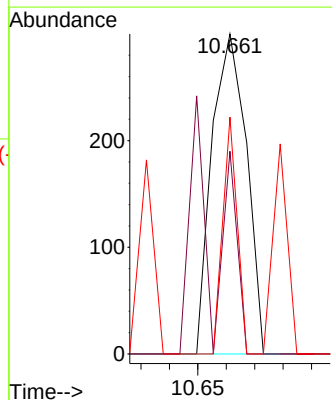
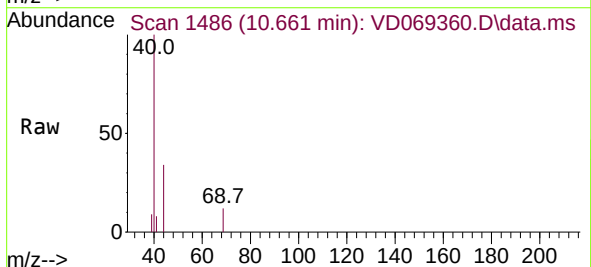
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

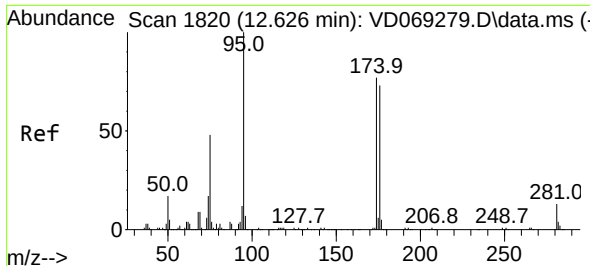
Tgt Ion: 98 Resp: 763285
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#56
Ethyl methacrylate
Concen: 2.70 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

Tgt Ion: 69 Resp: 253
Ion Ratio Lower Upper
69 100
41 60.1 45.4 68.2
39 30.8 21.7 32.5

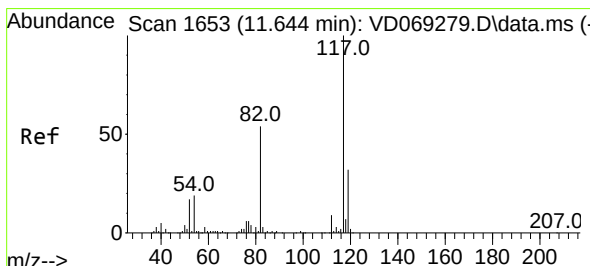
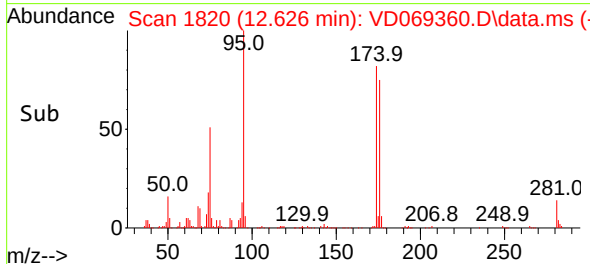
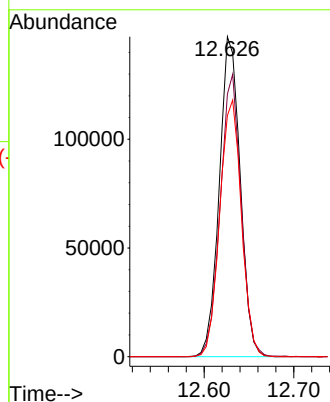
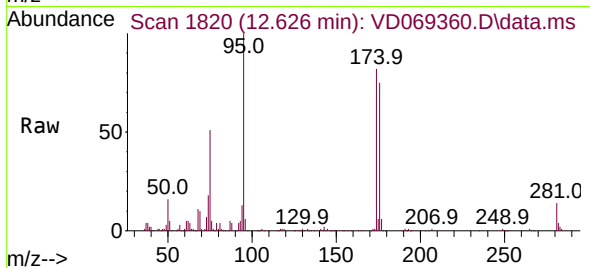




#62
4-Bromofluorobenzene
Concen: 52.20 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

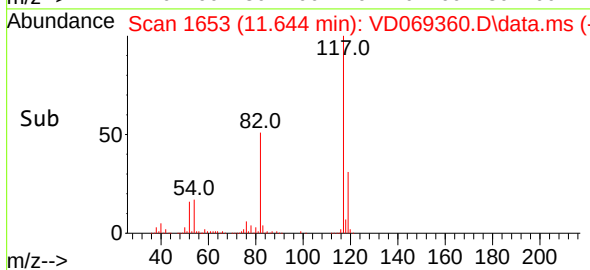
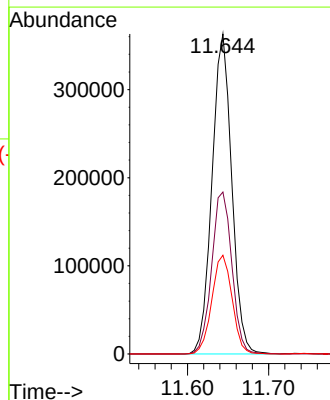
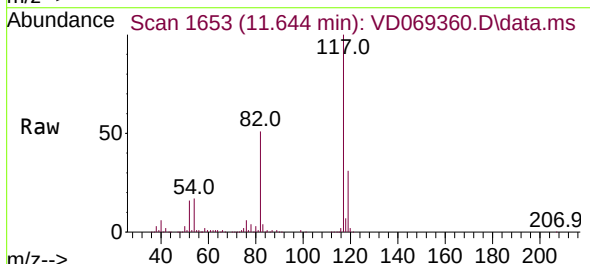
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

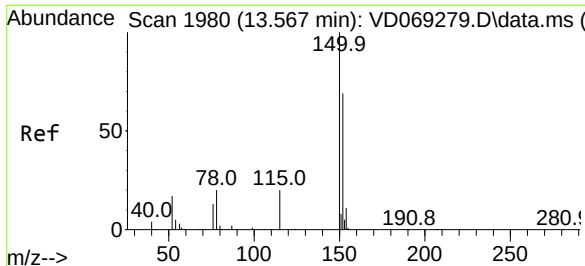
Tgt Ion:	95	Resp:	238275
Ion Ratio	Lower	Upper	
95	100		
174	87.8	0.0	162.8
176	82.9	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

Tgt Ion:	117	Resp:	613121
Ion Ratio	Lower	Upper	
117	100		
82	50.6	43.3	64.9
119	30.8	25.3	37.9

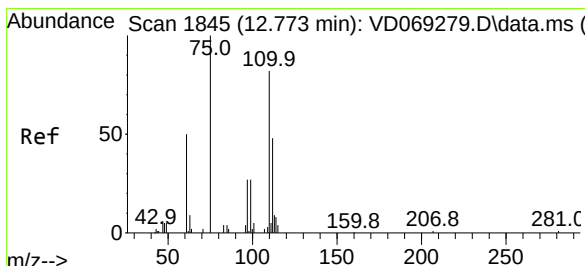
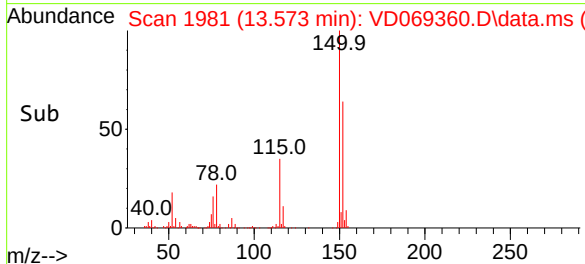
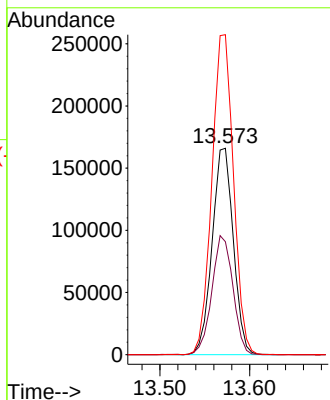
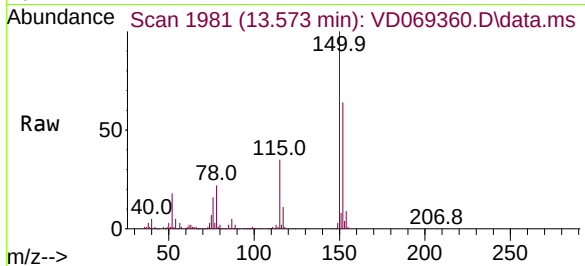




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.006 min
 Lab File: VD069360.D
 Acq: 07 Jun 2021 11:22

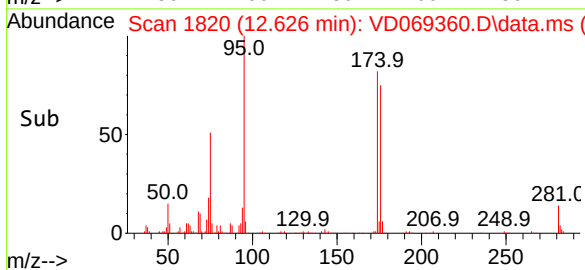
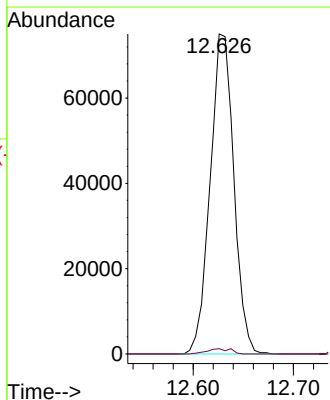
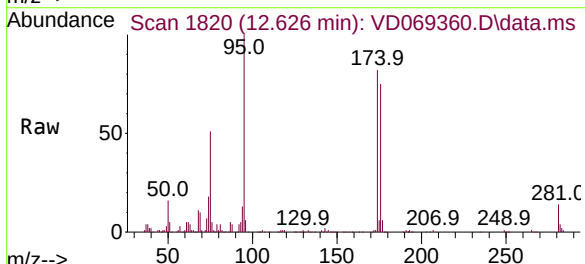
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBL01

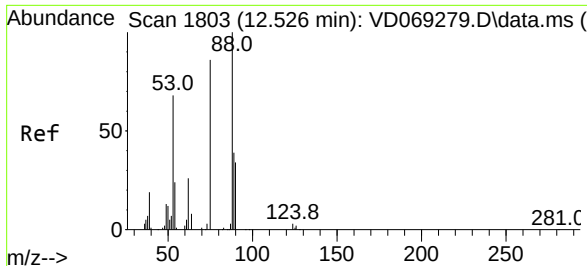
Tgt Ion:	152	Resp:	272339
Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.4	88.3
150	158.1	0.0	355.0



#76
 1,2,3-Trichloropropane
 Concen: 52.05 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069360.D
 Acq: 07 Jun 2021 11:22

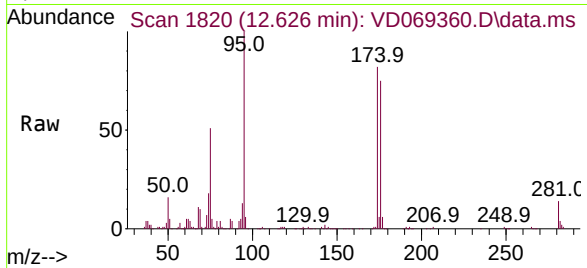
Tgt Ion:	75	Resp:	123164
Ion	Ratio	Lower	Upper
75	100		
77	1.7	183.8	551.2#



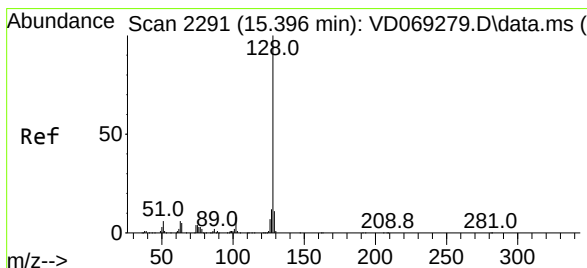
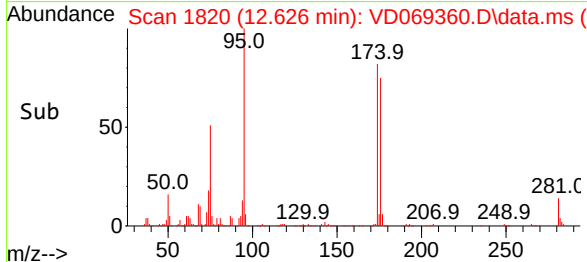
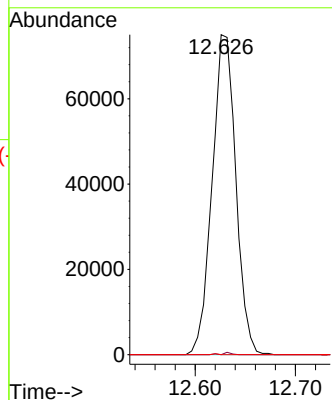


#81
trans-1,4-Dichloro-2-butene
Concen: 115.35 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.3	62.6	94.0#
89	0.1	35.6	53.4#



#95
Naphthalene
Concen: 3.69 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069360.D
Acq: 07 Jun 2021 11:22

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.4	15.6
129	7.0	8.8	13.2#

