

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069978.D
 Acq On : 04 Aug 2021 11:29
 Operator : VA/SY
 Sample : VD0804SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0804SBL01

Quant Time: Aug 05 03:08:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

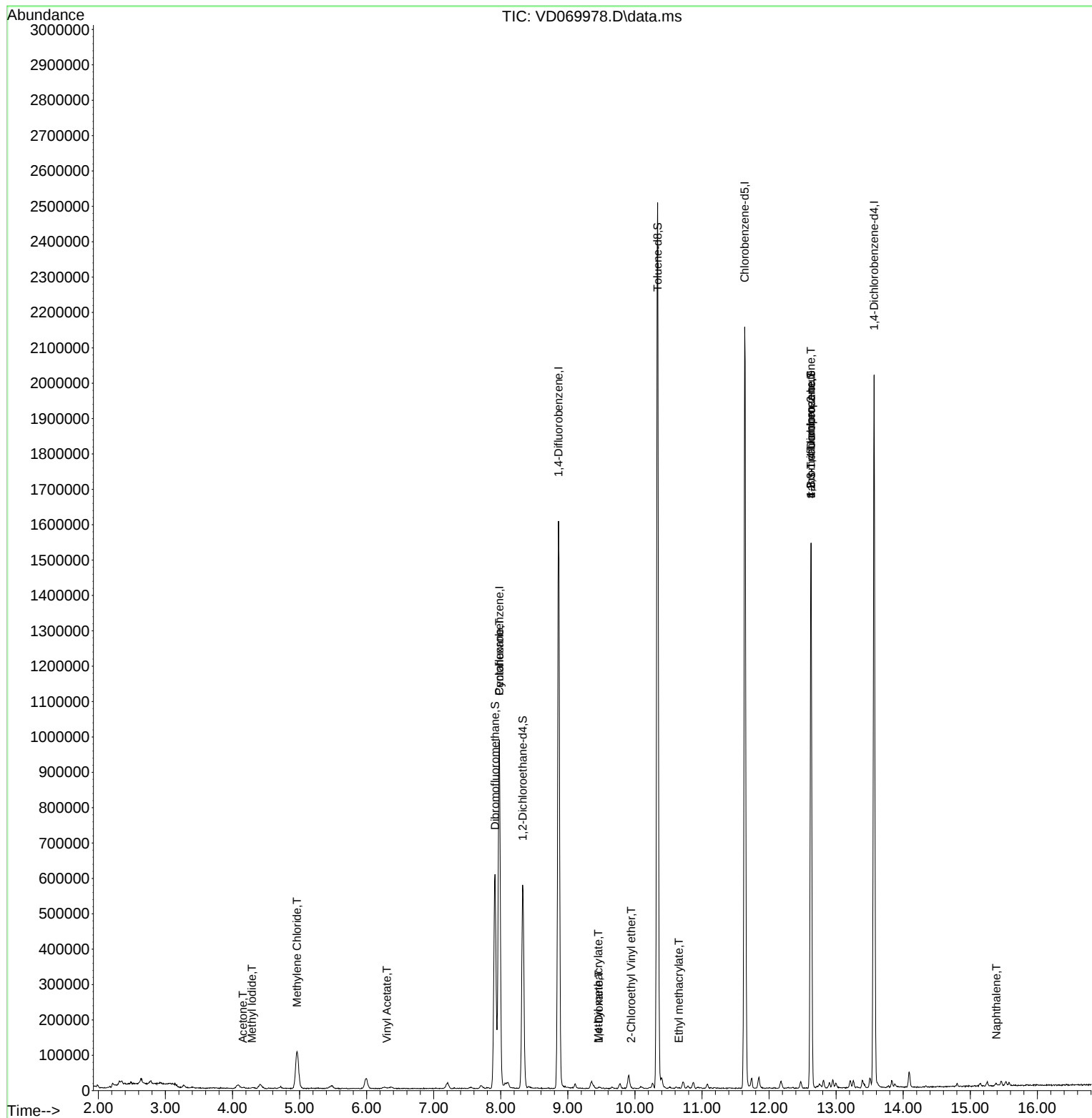
Internal Standards						
1) Pentafluorobenzene	7.979	168	688606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1370519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1242301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	509520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	448162	56.589	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.180%			
35) Dibromofluoromethane	7.914	113	439764	50.900	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.800%			
50) Toluene-d8	10.338	98	1753790	52.644	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.280%			
62) 4-Bromofluorobenzene	12.626	95	526772	47.313	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.620%			
Target Compounds			Qvalue			
5) Bromomethane	2.779	94	7232	Below Cal	#	62
10) Methyl Iodide	4.291	142	1760	3.654	ug/l #	47
16) Acetone	4.156	43	5111	3.573	ug/l #	83
20) Methylene Chloride	4.961	84	88641	2.559	ug/l	97
23) Vinyl Acetate	6.303	43	1709	20.463	ug/l #	71
31) Cyclohexane	7.979	56	21935	1.418	ug/l #	1
48) Methyl methacrylate	9.455	41	705	2.876	ug/l #	77
49) 1,4-Dioxane	9.461	88	208	3.559	ug/l #	5
56) Ethyl methacrylate	10.655	69	889	3.981	ug/l #	57
58) 2-Chloroethyl Vinyl ether	9.944	63	1469	21.187	ug/l	97
76) 1,2,3-Trichloropropane	12.626	75	259291	47.877	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	259291	145.245	ug/l #	16
95) Naphthalene	15.390	128	5881	5.316	ug/l #	92

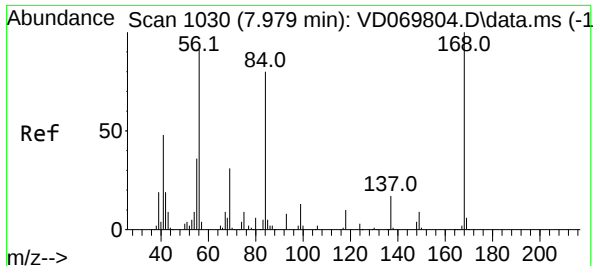
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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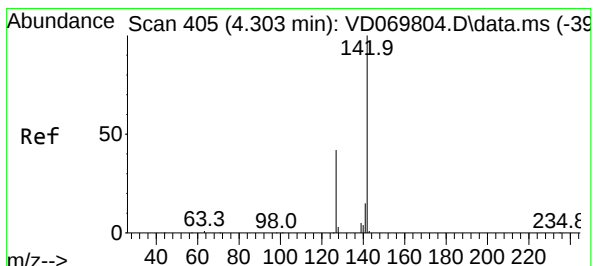
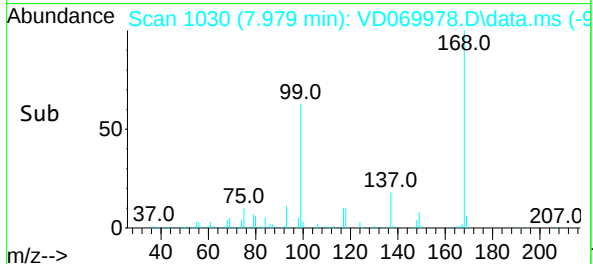
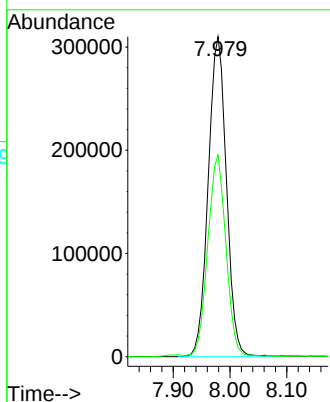
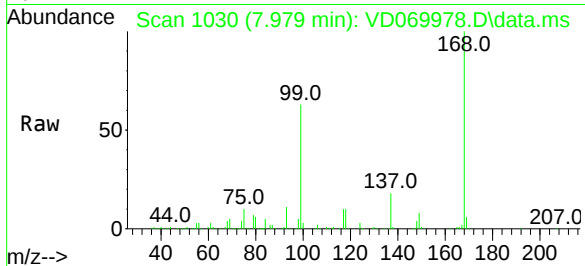




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069978.D
Acq: 04 Aug 2021 11:29

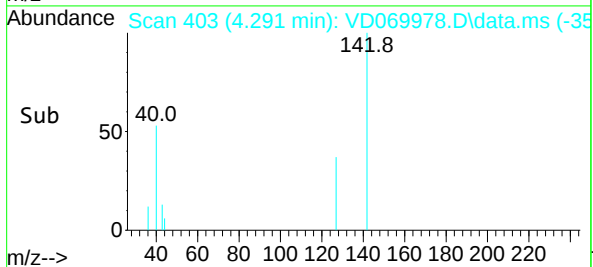
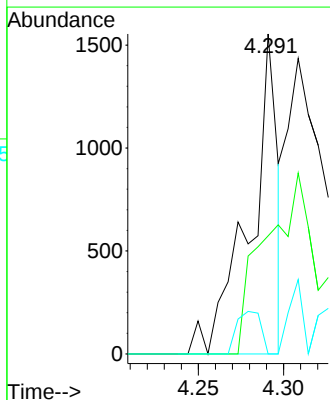
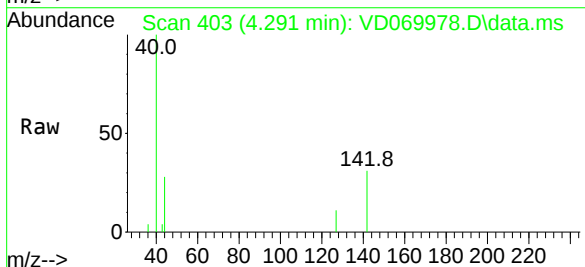
Instrument :
MSVOA_D
ClientSampleId :
VD0804SBL01

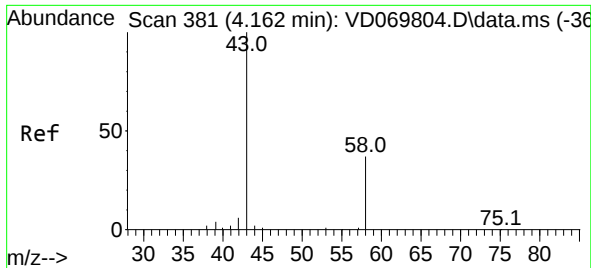
Tgt Ion:168 Resp: 688606
Ion Ratio Lower Upper
168 100
99 62.8 51.1 76.7



#10
Methyl Iodide
Concen: 3.654 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD069978.D
Acq: 04 Aug 2021 11:29

Tgt Ion:142 Resp: 1760
Ion Ratio Lower Upper
142 100
127 0.0 35.7 53.5#
141 11.5 12.0 18.0#

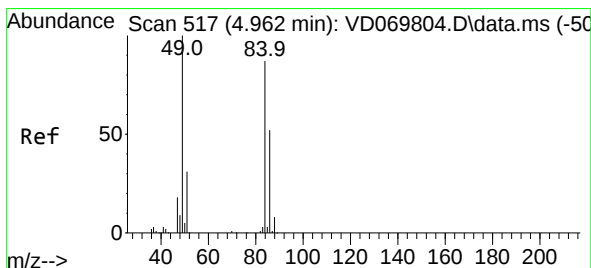
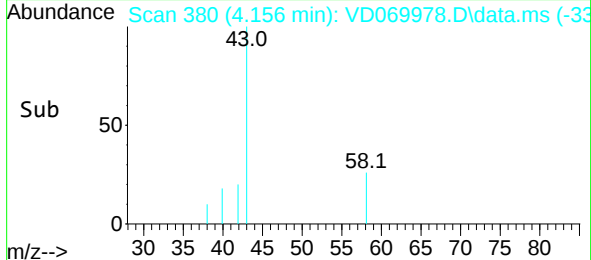
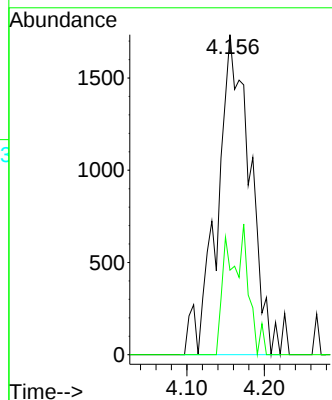
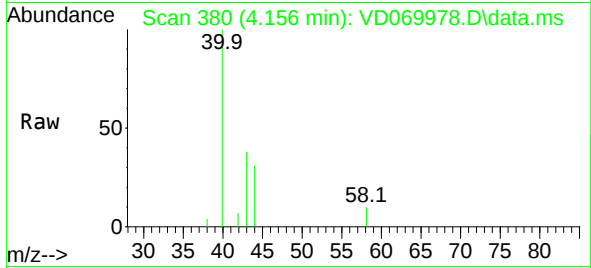




#16
Acetone
Concen: 3.573 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069978.D
Acq: 04 Aug 2021 11:29

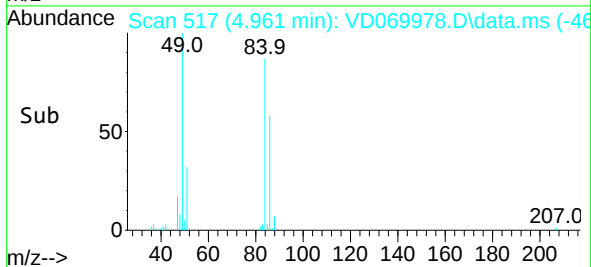
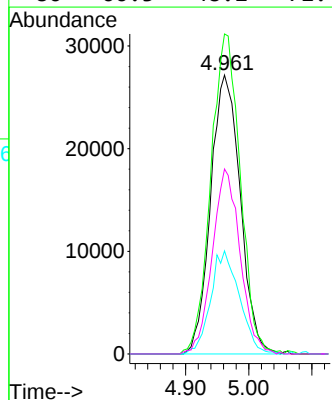
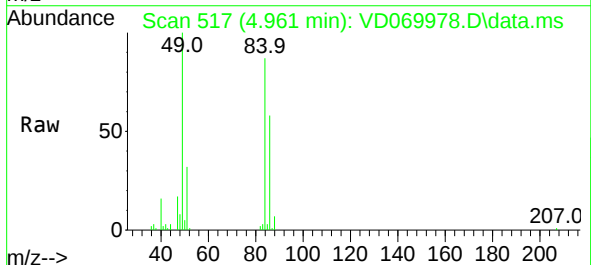
Instrument :
MSVOA_D
ClientSampleId :
VD0804SBL01

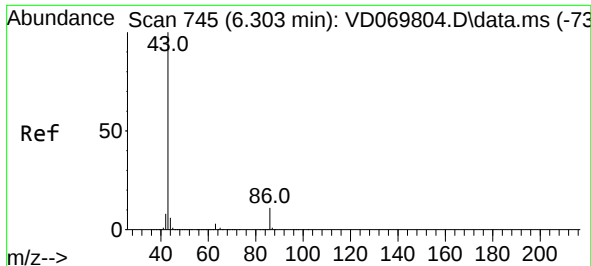
Tgt Ion: 43 Resp: 5111
Ion Ratio Lower Upper
43 100
58 26.4 29.4 44.0#



#20
Methylene Chloride
Concen: 2.559 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD069978.D
Acq: 04 Aug 2021 11:29

Tgt Ion: 84 Resp: 88641
Ion Ratio Lower Upper
84 100
49 114.7 92.4 138.6
51 36.9 28.5 42.7
86 66.3 48.2 72.4

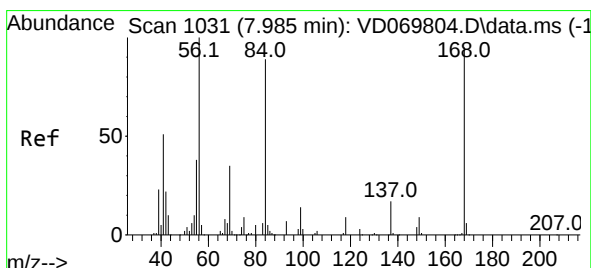
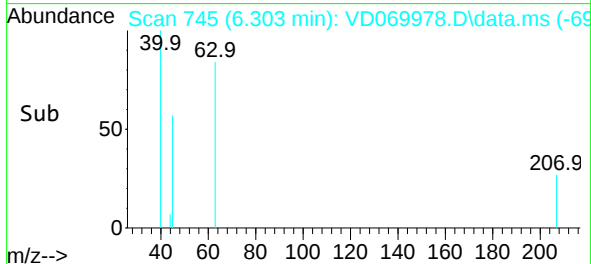
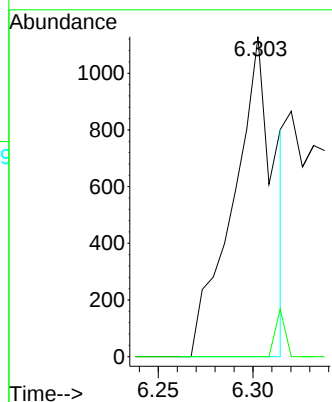
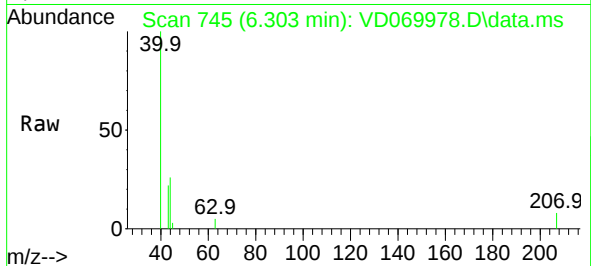




#23
 Vinyl Acetate
 Concen: 20.463 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD069978.D
 Acq: 04 Aug 2021 11:29

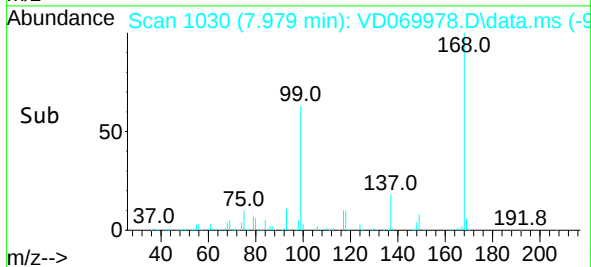
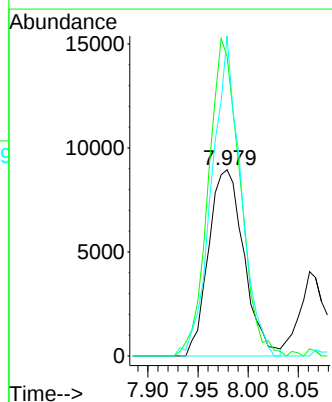
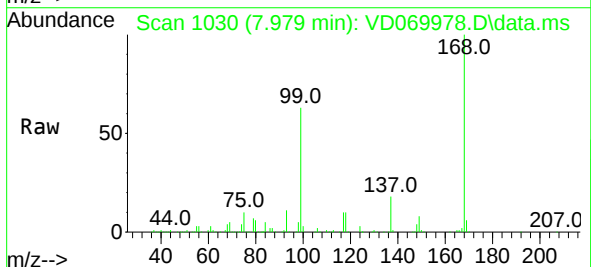
Instrument :
 MSVOA_D
 ClientSampleID :
 VD0804SBL01

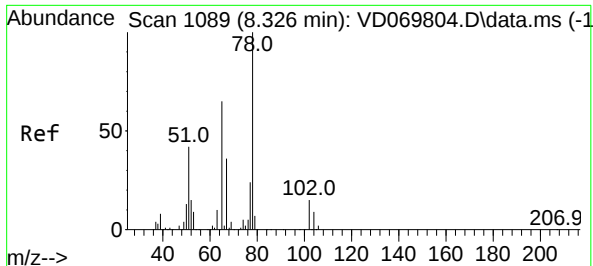
Tgt Ion: 43 Resp: 1709
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 13.0#



#31
 Cyclohexane
 Concen: 1.418 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069978.D
 Acq: 04 Aug 2021 11:29

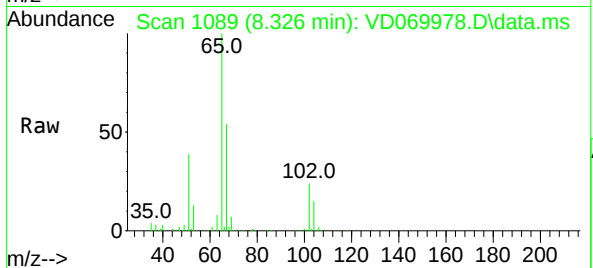
Tgt Ion: 56 Resp: 21935
 Ion Ratio Lower Upper
 56 100
 69 158.4 27.9 41.9#
 84 171.7 71.4 107.2#



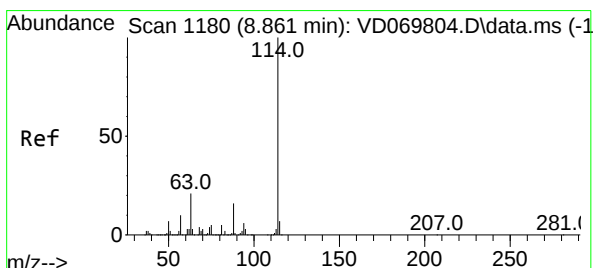
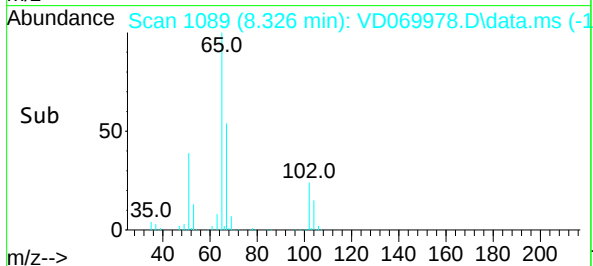
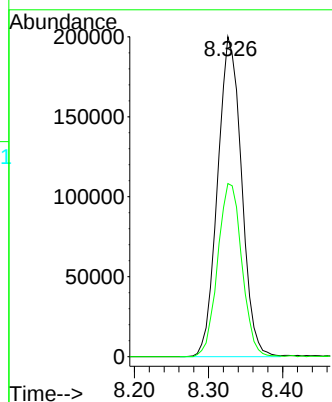


#33
1,2-Dichloroethane-d4
Concen: 56.589 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069978.D
Acq: 04 Aug 2021 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD0804SBL01

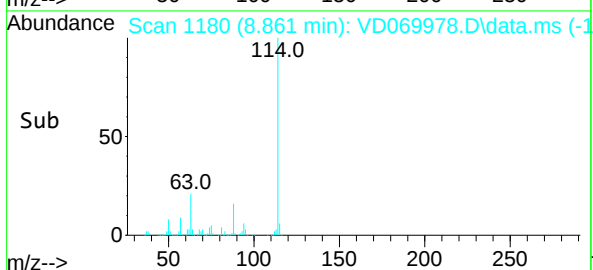
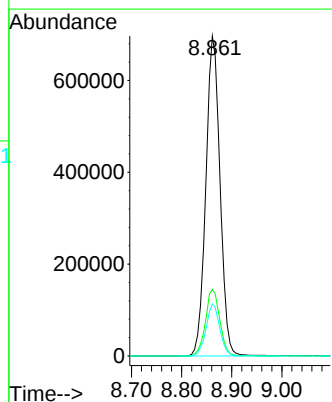
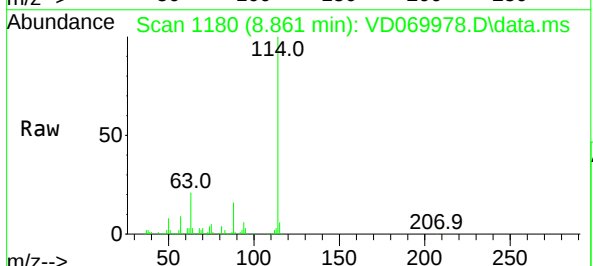


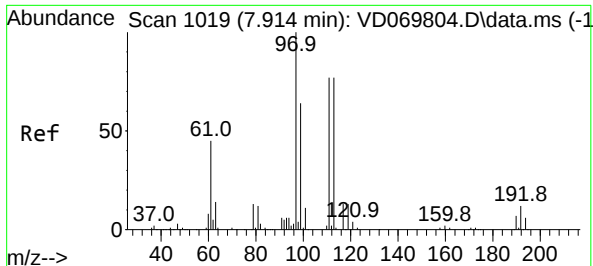
Tgt Ion: 65 Resp: 448162
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069978.D
Acq: 04 Aug 2021 11:29

Tgt Ion: 114 Resp: 1370519
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.6
88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.900 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069978.D

Acq: 04 Aug 2021 11:29

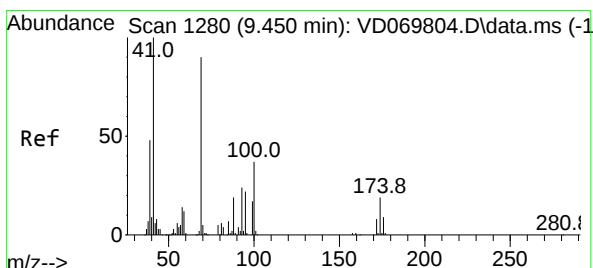
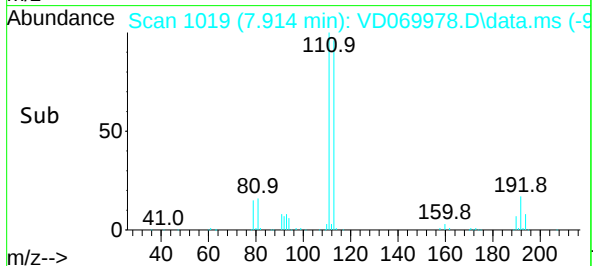
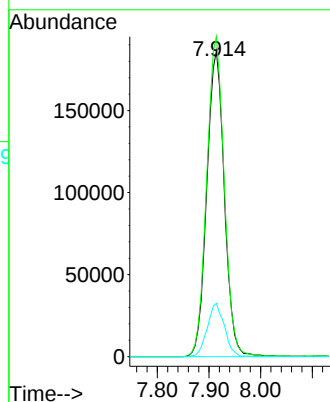
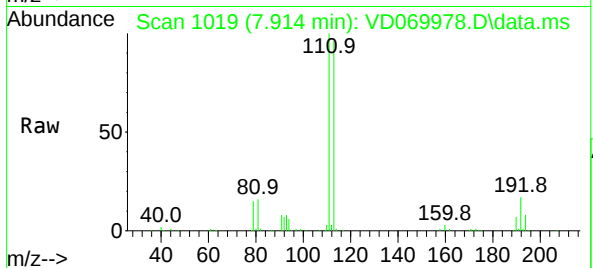
Tgt Ion:113 Resp: 439764

Ion Ratio Lower Upper

113 100

111 104.8 80.5 120.7

192 17.1 12.6 19.0



#48

Methyl methacrylate

Concen: 2.876 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.005 min

Lab File: VD069978.D

Acq: 04 Aug 2021 11:29

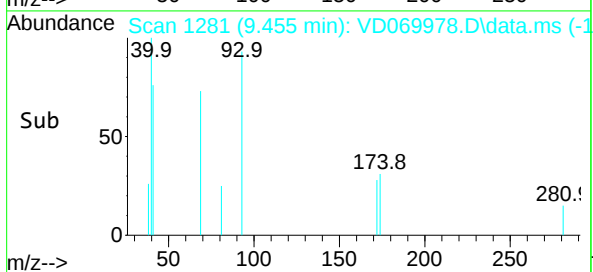
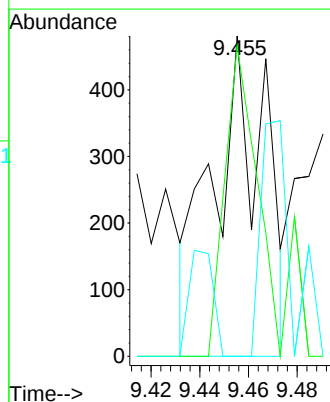
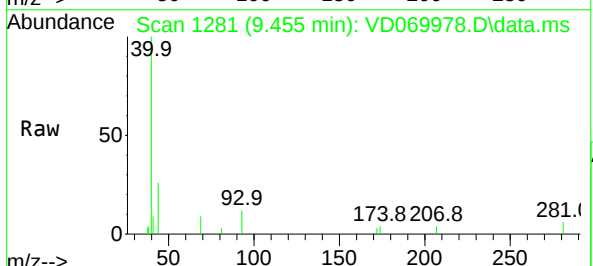
Tgt Ion: 41 Resp: 705

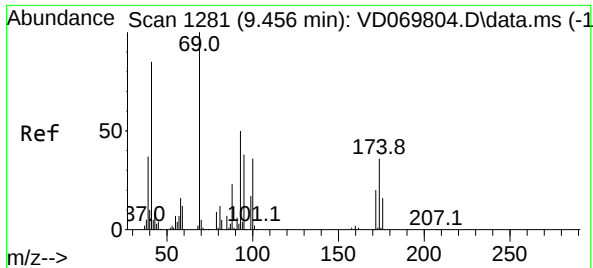
Ion Ratio Lower Upper

41 100

69 60.6 73.4 110.2#

39 43.4 36.6 55.0

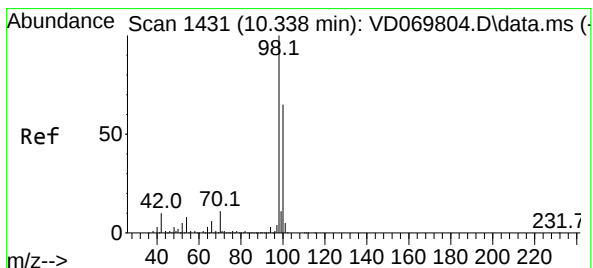
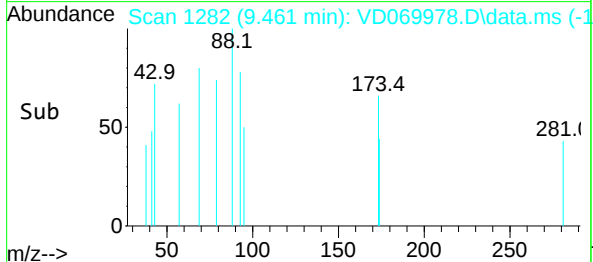
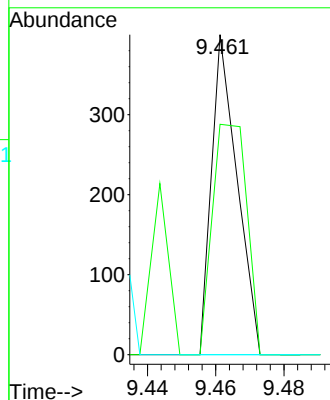
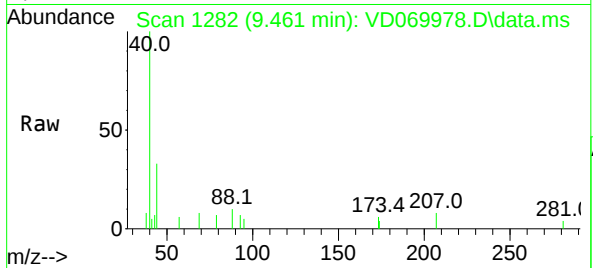




#49
 1,4-Dioxane
 Concen: 3.559 ug/l
 RT: 9.461 min Scan# 1282
 Delta R.T. 0.006 min
 Lab File: VD069978.D
 Acq: 04 Aug 2021 11:29

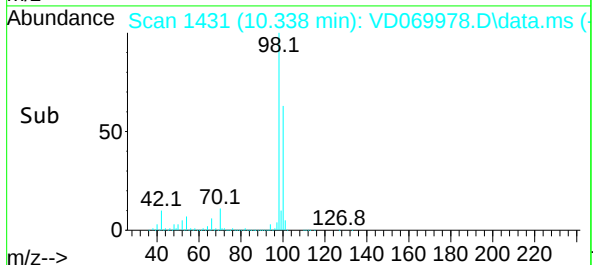
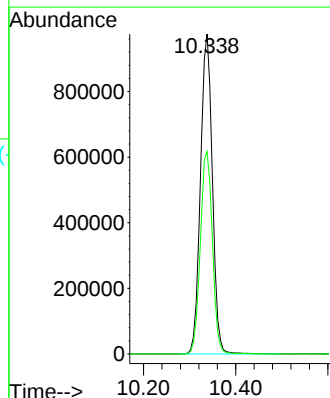
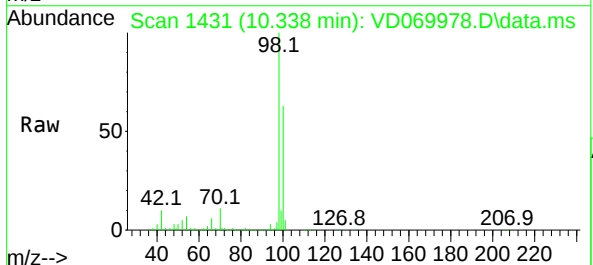
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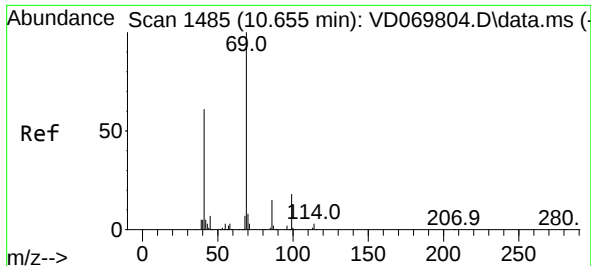
Tgt Ion:	88	Resp:	208
Ion	Ratio	Lower	Upper
88	100		
43	97.1	26.8	40.2#
58	0.0	59.8	89.6#



#50
 Toluene-d8
 Concen: 52.644 ug/l
 RT: 10.338 min Scan# 1431
 Delta R.T. -0.000 min
 Lab File: VD069978.D
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Tgt Ion:	98	Resp:	1753790
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9

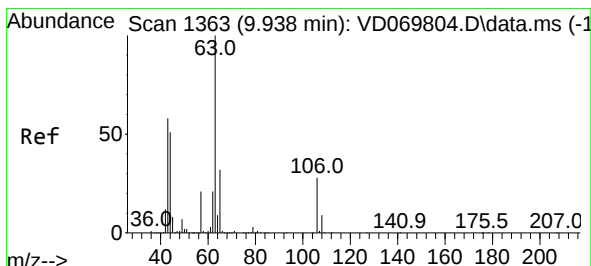
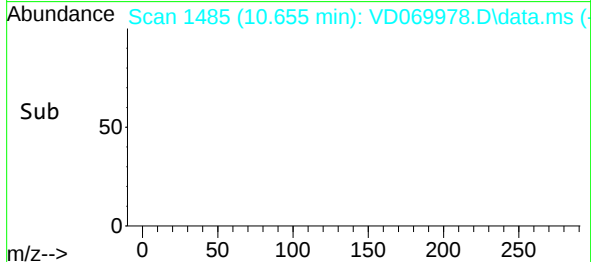
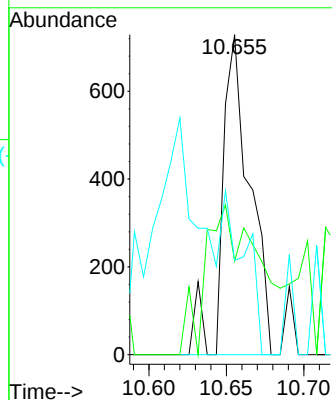
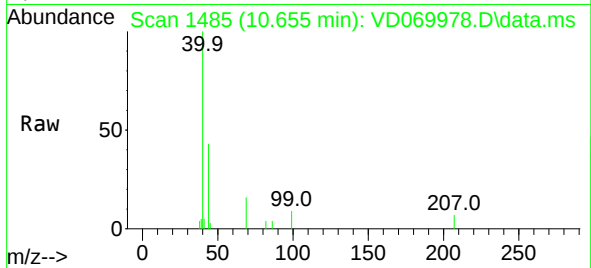




#56
Ethyl methacrylate
Concen: 3.981 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069978.D
Acq: 04 Aug 2021 11:29

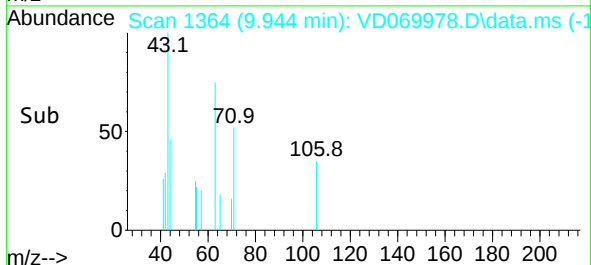
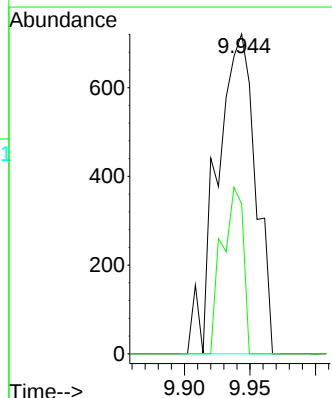
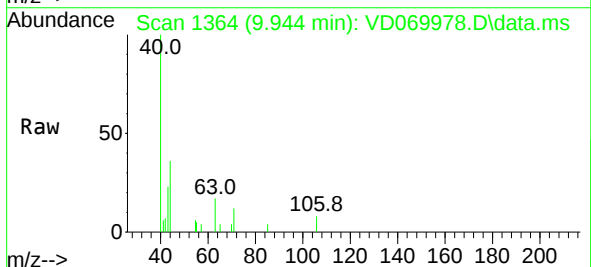
Instrument :
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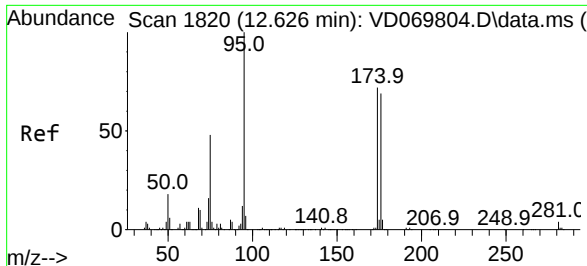
Tgt Ion: 69 Resp: 889
Ion Ratio Lower Upper
69 100
41 92.9 50.2 75.2#
39 0.0 22.0 33.0#



#58
2-Chloroethyl Vinyl ether
Concen: 21.187 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.006 min
Lab File: VD069978.D
Acq: 04 Aug 2021 11:29

Tgt Ion: 63 Resp: 1469
Ion Ratio Lower Upper
63 100
106 28.9 21.8 32.6

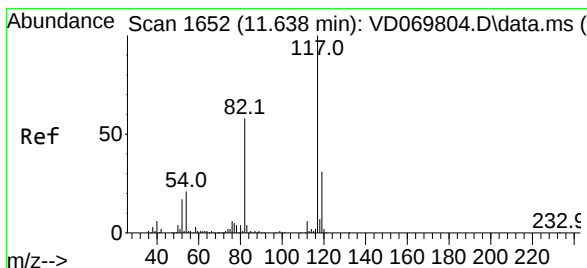
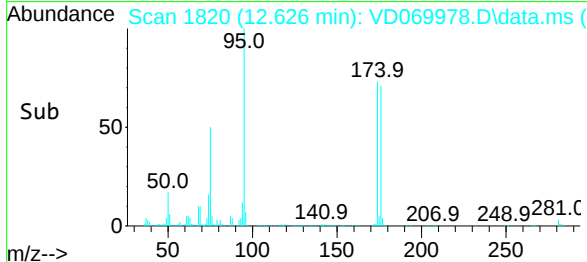
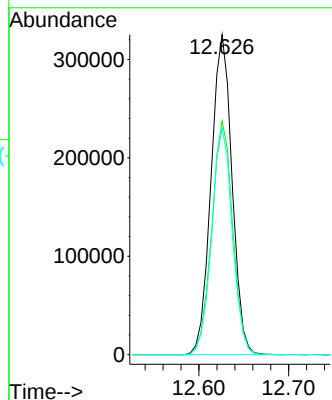
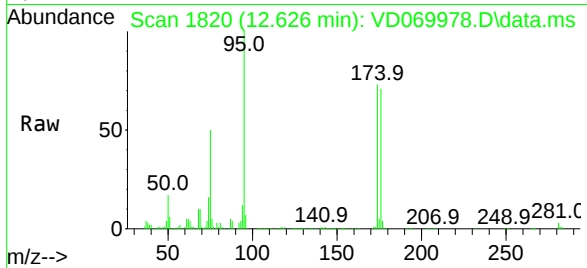




#62
4-Bromofluorobenzene
Concen: 47.313 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069978.D
Acq: 04 Aug 2021 11:29

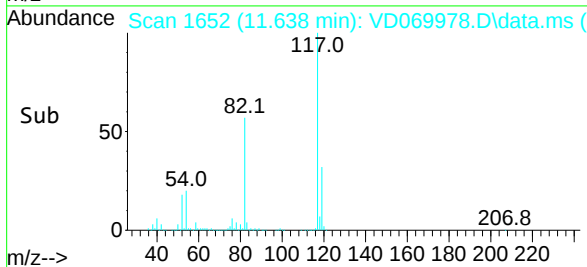
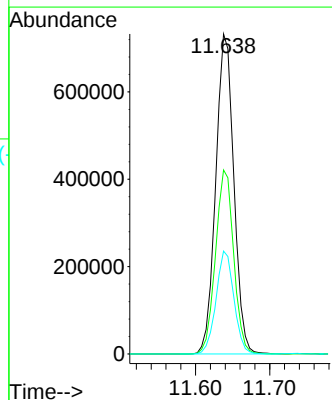
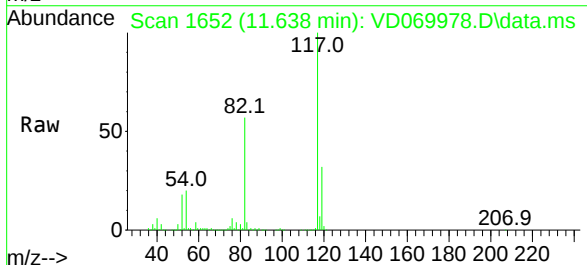
Instrument :
MSVOA_D
ClientSampleId :
VD0804SBL01

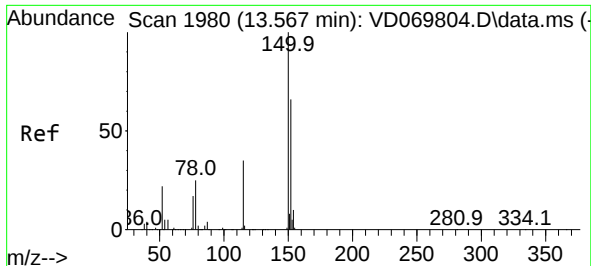
Tgt Ion: 95 Resp: 526772
Ion Ratio Lower Upper
95 100
174 73.2 0.0 142.6
176 69.7 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069978.D
Acq: 04 Aug 2021 11:29

Tgt Ion: 117 Resp: 1242301
Ion Ratio Lower Upper
117 100
82 57.5 46.3 69.5
119 32.1 24.7 37.1

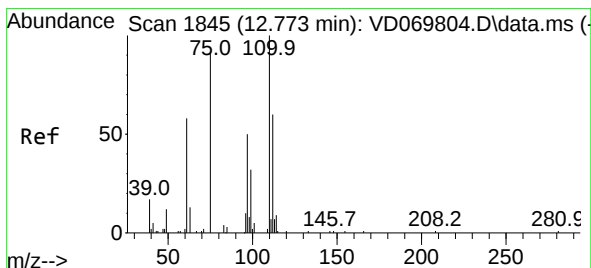
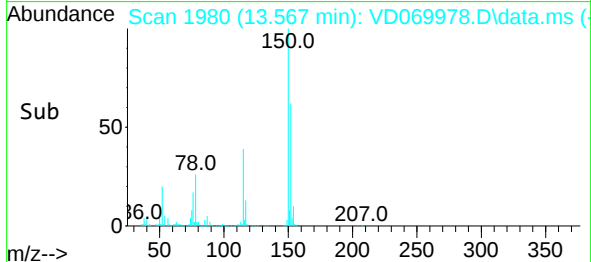
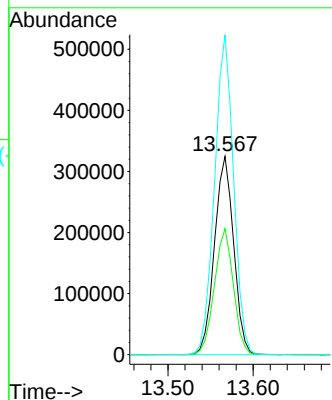
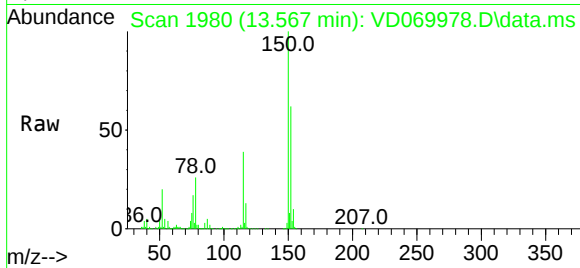




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069978.D
Acq: 04 Aug 2021 11:29

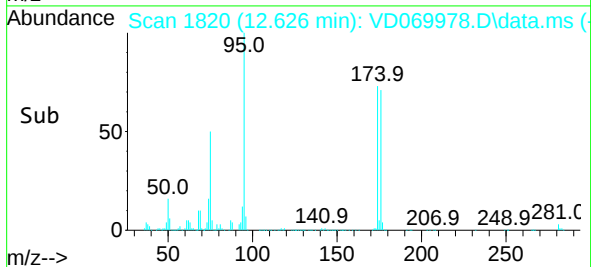
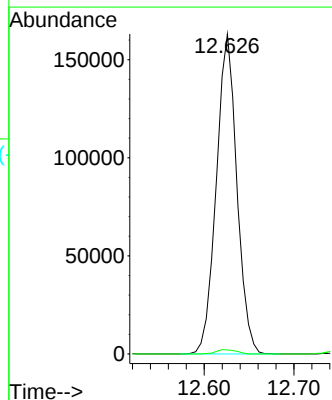
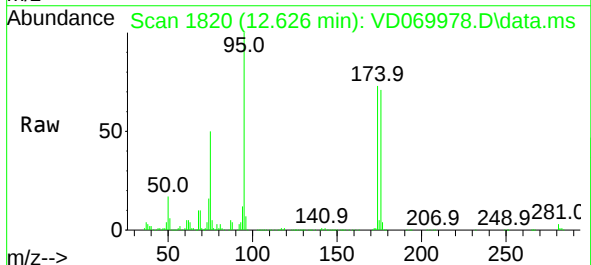
Instrument :
MSVOA_D
ClientSampleId :
VD0804SBL01

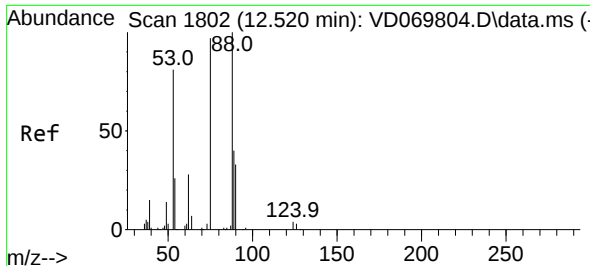
Tgt Ion:152 Resp: 509520
Ion Ratio Lower Upper
152 100
115 62.6 31.1 93.3
150 160.0 0.0 343.0



#76
1,2,3-Trichloropropane
Concen: 47.877 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069978.D
Acq: 04 Aug 2021 11:29

Tgt Ion: 75 Resp: 259291
Ion Ratio Lower Upper
75 100
77 1.3 181.5 544.5#

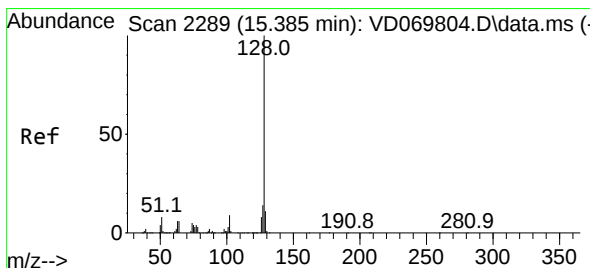
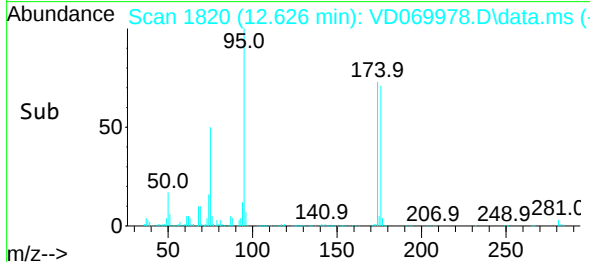
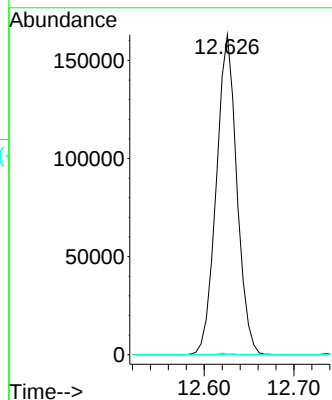
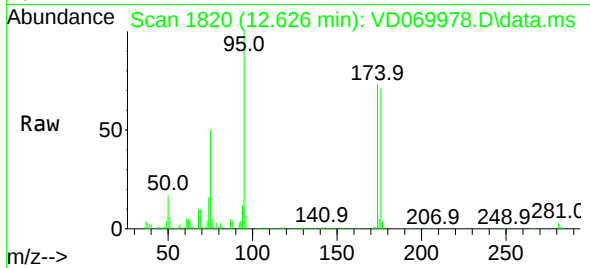




#81
trans-1,4-Dichloro-2-butene
Concen: 145.245 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069978.D
Acq: 04 Aug 2021 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD0804SBL01

Tgt Ion: 75 Resp: 259291
Ion Ratio Lower Upper
75 100
53 0.2 67.2 100.8#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 5.316 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD069978.D
Acq: 04 Aug 2021 11:29

Tgt Ion: 128 Resp: 5881
Ion Ratio Lower Upper
128 100
127 17.1 10.6 16.0#
129 13.4 8.6 12.8#

