

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069903.D
 Acq On : 29 Jul 2021 11:09
 Operator : VA/SY
 Sample : VD0729SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 00:52:45 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)

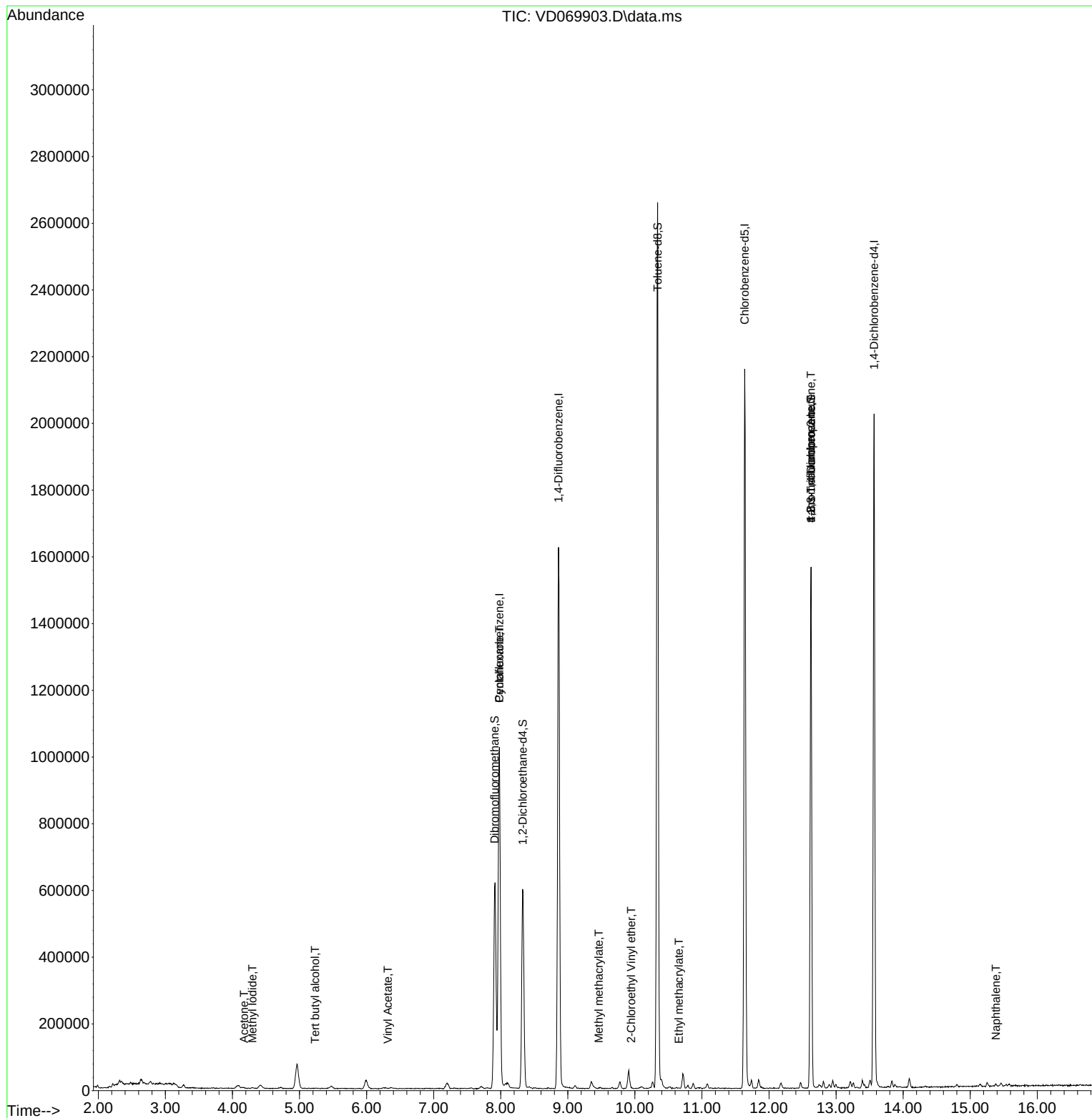
Internal Standards						
1) Pentafluorobenzene	7.979	168	713543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1395093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1272119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	524142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	470411	57.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.640%	
35) Dibromofluoromethane	7.909	113	457391	52.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.020%	
50) Toluene-d8	10.338	98	1792912	52.870	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.740%	
62) 4-Bromofluorobenzene	12.626	95	536403	47.329	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	6402	Below Cal	#	56
10) Methyl Iodide	4.297	142	2512	3.726	ug/l #	91
11) Tert butyl alcohol	5.232	59	509	1.199	ug/l #	73
16) Acetone	4.173	43	4888	3.297	ug/l	95
20) Methylene Chloride	4.968	84	58958	Below Cal		93
23) Vinyl Acetate	6.315	43	1150	20.423	ug/l #	71
31) Cyclohexane	7.979	56	21462	1.338	ug/l #	1
48) Methyl methacrylate	9.461	41	403	2.820	ug/l #	71
56) Ethyl methacrylate	10.655	69	572	3.950	ug/l #	64
58) 2-Chloroethyl Vinyl ether	9.944	63	1199	21.124	ug/l #	87
76) 1,2,3-Trichloropropane	12.626	75	263747	47.341	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	263747	143.619	ug/l #	16
95) Naphthalene	15.385	128	5473	5.286	ug/l #	93

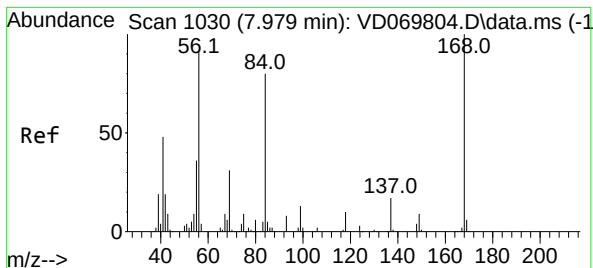
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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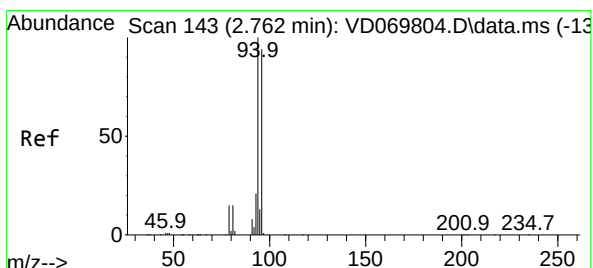
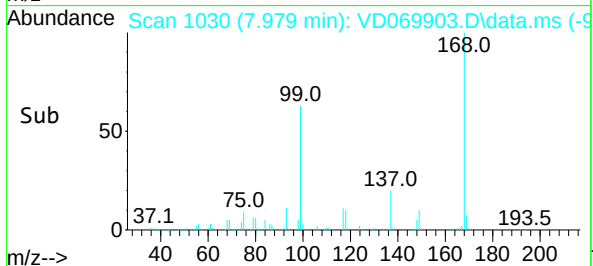
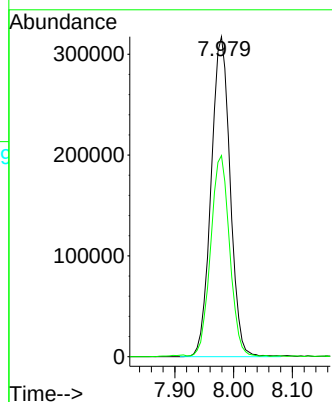
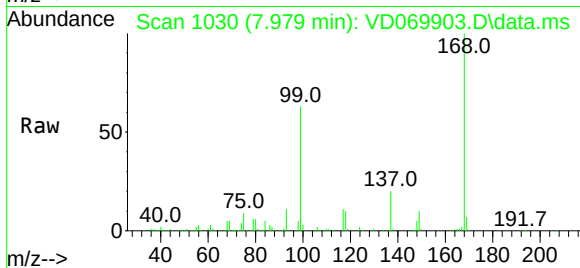




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

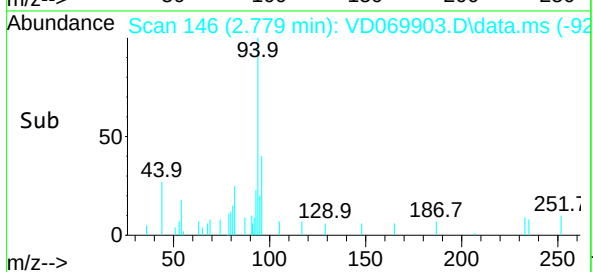
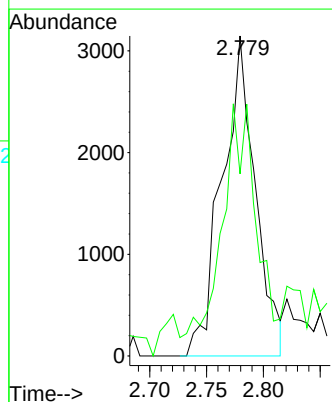
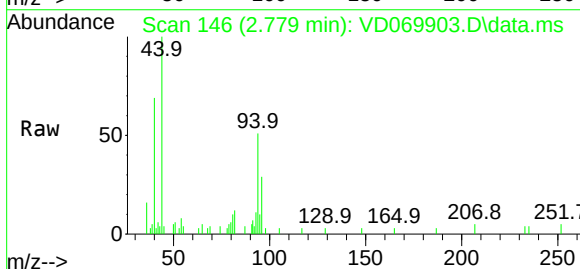
Instrument :
MSVOA_D
ClientSampleId :

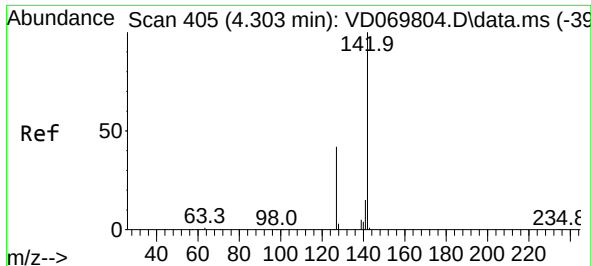
Tgt Ion:168 Resp: 713543
Ion Ratio Lower Upper
168 100
99 62.6 51.1 76.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Tgt Ion: 94 Resp: 6402
Ion Ratio Lower Upper
94 100
96 51.1 74.8 112.2#

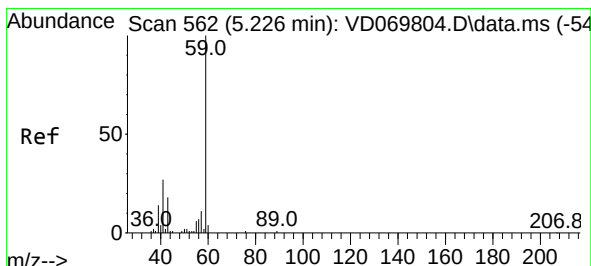
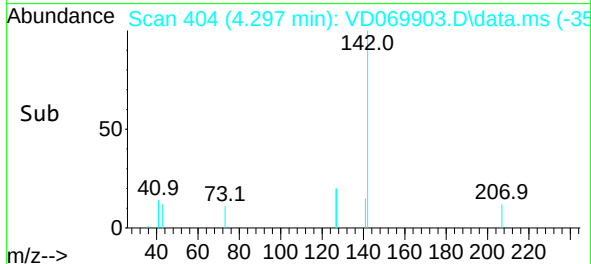
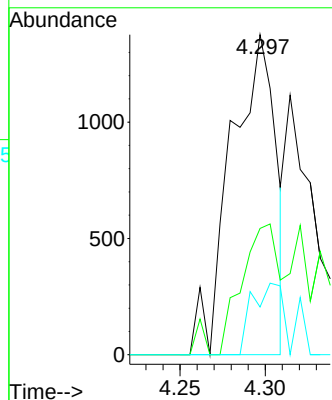
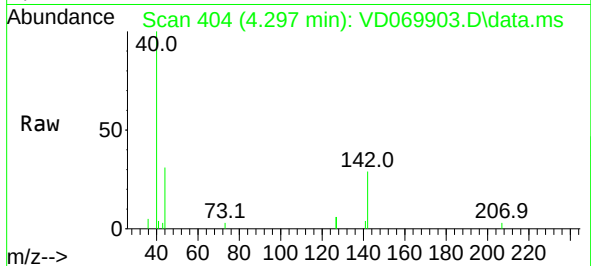




#10
Methyl Iodide
Concen: 3.726 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

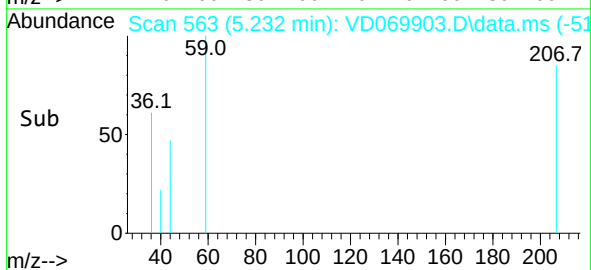
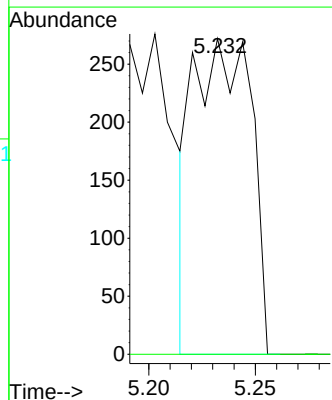
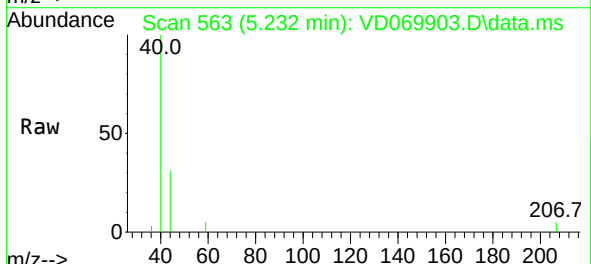
Instrument :
MSVOA_D
ClientSampled :

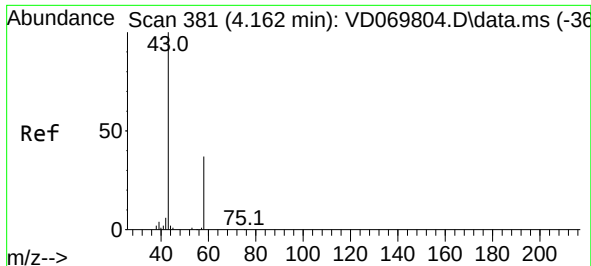
Tgt Ion:142 Resp: 2512
Ion Ratio Lower Upper
142 100
127 38.3 35.7 53.5
141 18.6 12.0 18.0#



#11
Tert butyl alcohol
Concen: 1.199 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Tgt Ion: 59 Resp: 509
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

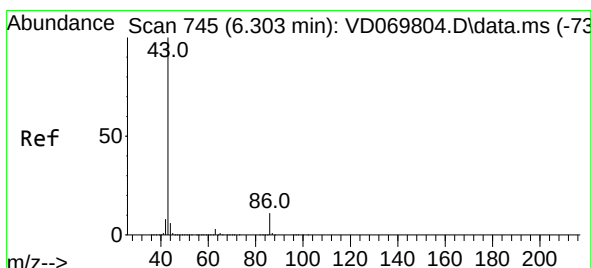
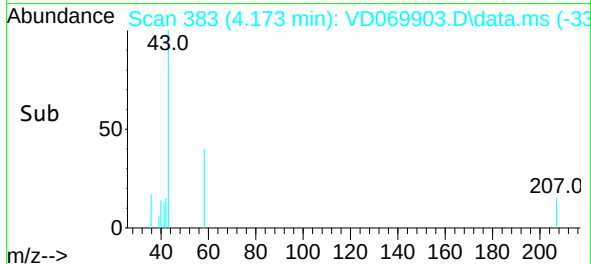
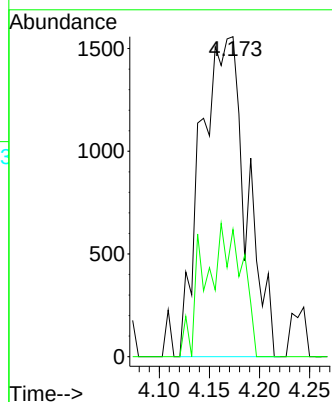
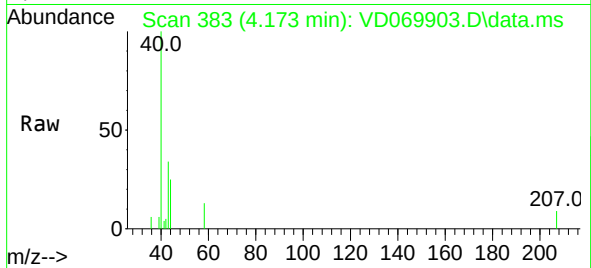




#16
Acetone
Concen: 3.297 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

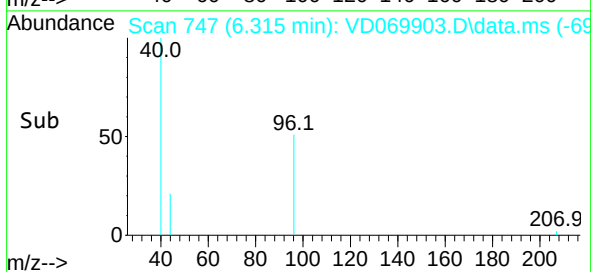
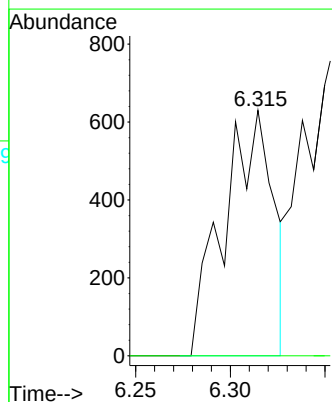
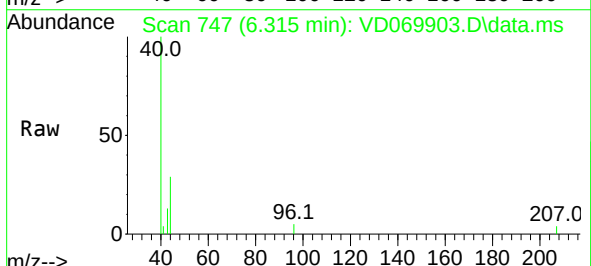
Instrument :
MSVOA_D
ClientSampled :

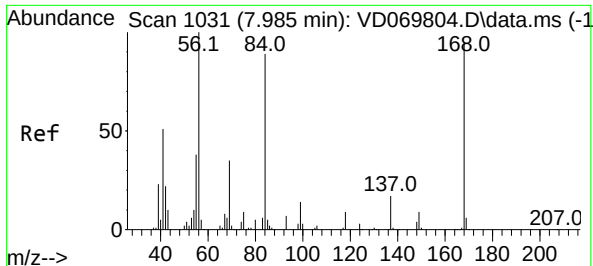
Tgt Ion: 43 Resp: 4888
Ion Ratio Lower Upper
43 100
58 39.7 29.4 44.0



#23
Vinyl Acetate
Concen: 20.423 ug/l
RT: 6.315 min Scan# 747
Delta R.T. 0.012 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Tgt Ion: 43 Resp: 1150
Ion Ratio Lower Upper
43 100
86 0.0 8.6 13.0#

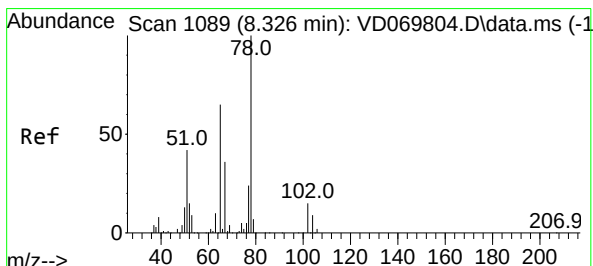
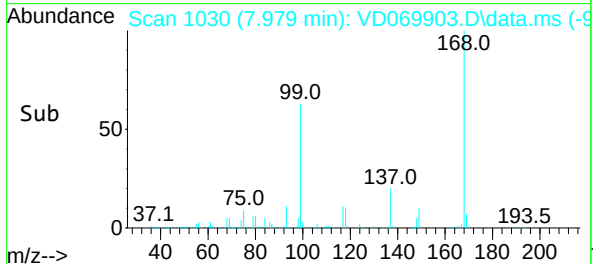
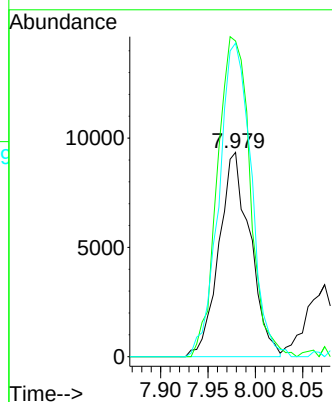
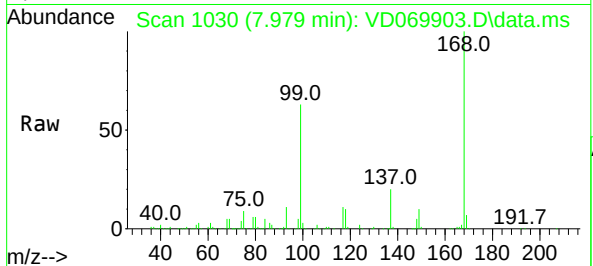




#31
Cyclohexane
Concen: 1.338 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

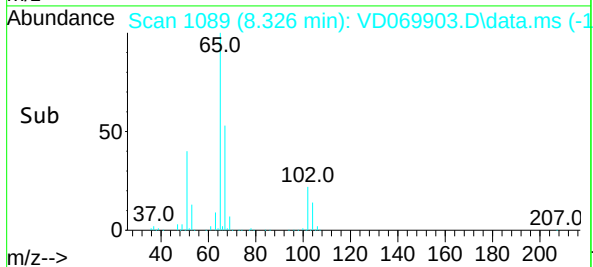
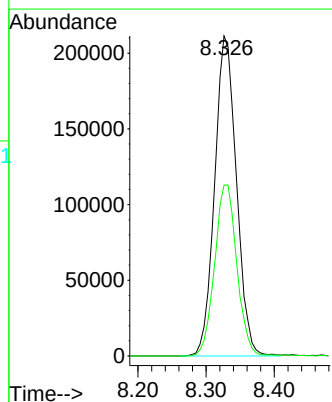
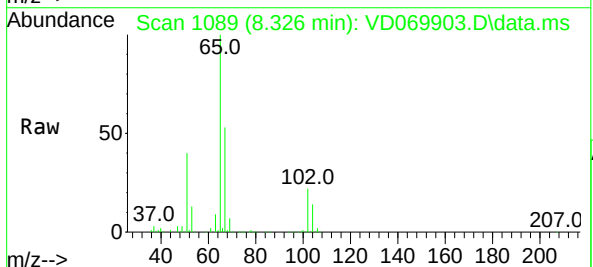
Instrument :
MSVOA_D
ClientSampled :

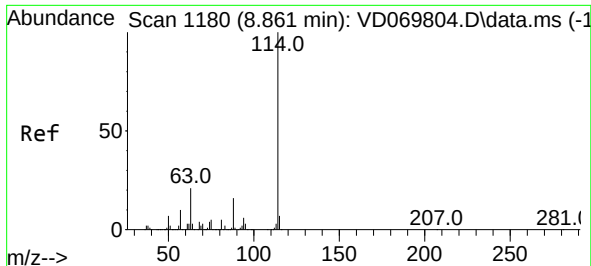
Tgt Ion: 56 Resp: 21462
Ion Ratio Lower Upper
56 100
69 154.5 27.9 41.9#
84 153.5 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 57.323 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Tgt Ion: 65 Resp: 470411
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.2

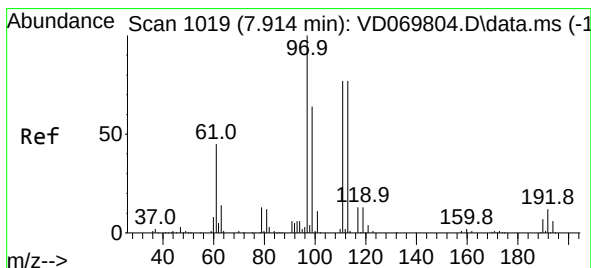
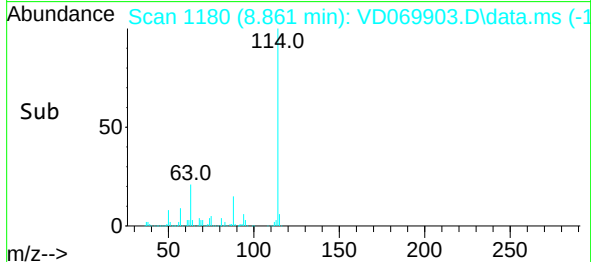
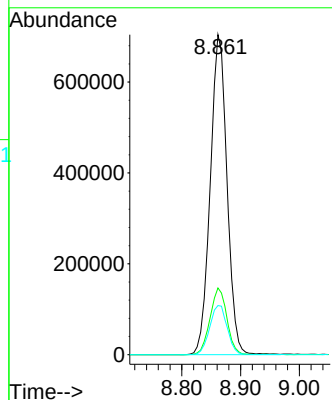
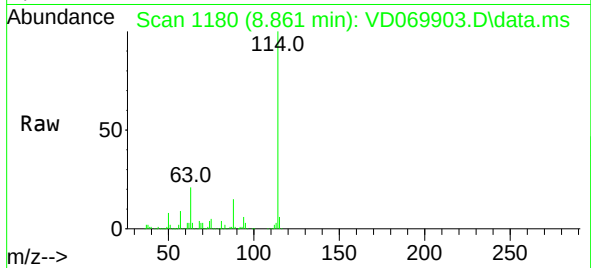




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

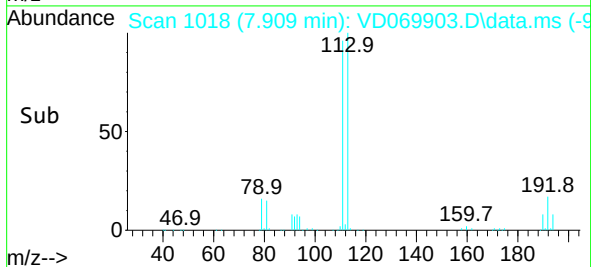
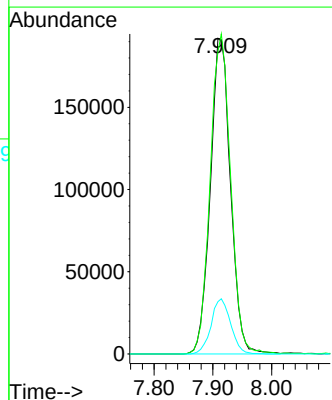
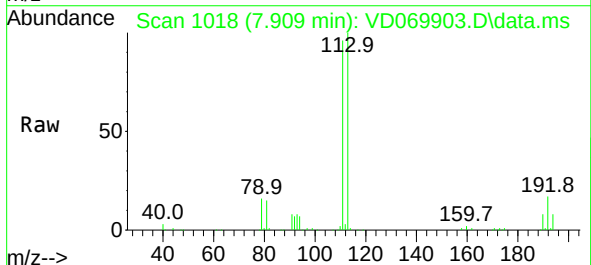
Instrument :
MSVOA_D
ClientSampled :

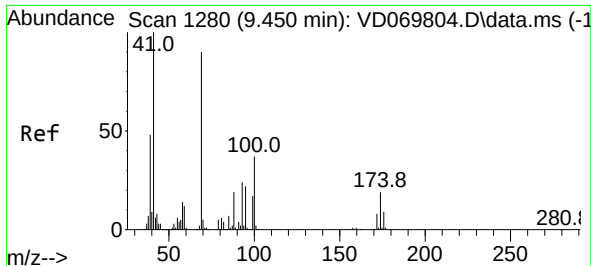
Tgt Ion:114 Resp: 1395093
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.6
88 15.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.008 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Tgt Ion:113 Resp: 457391
Ion Ratio Lower Upper
113 100
111 102.8 80.5 120.7
192 17.0 12.6 19.0

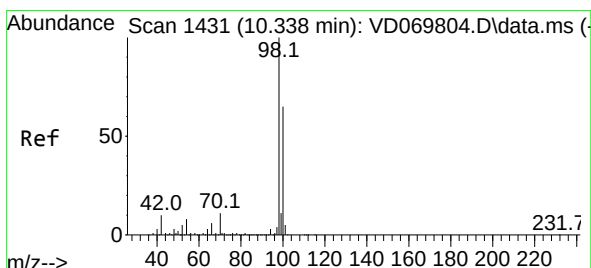
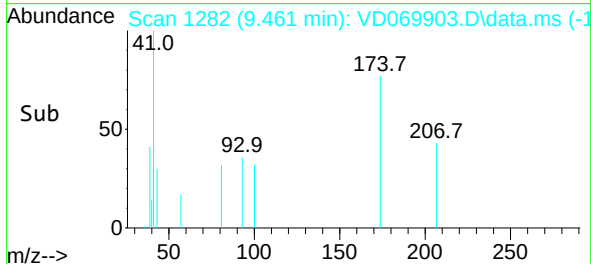
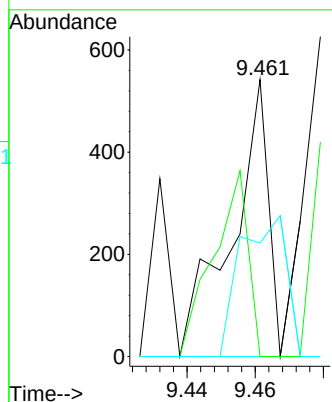
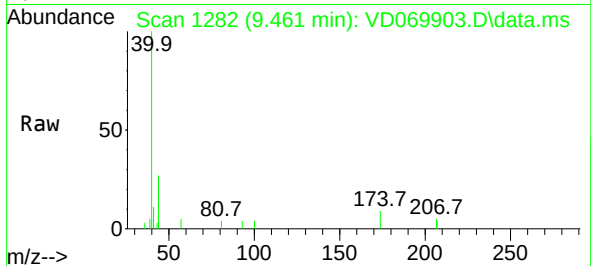




#48
Methyl methacrylate
Concen: 2.820 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.011 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

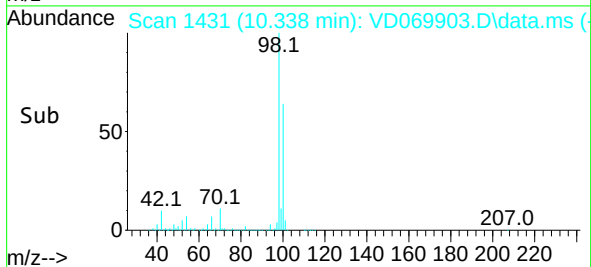
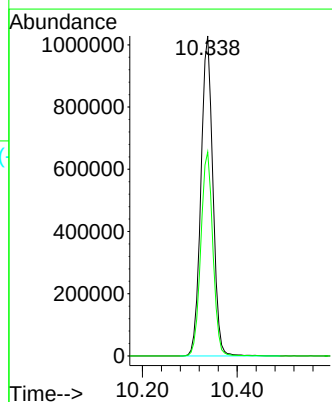
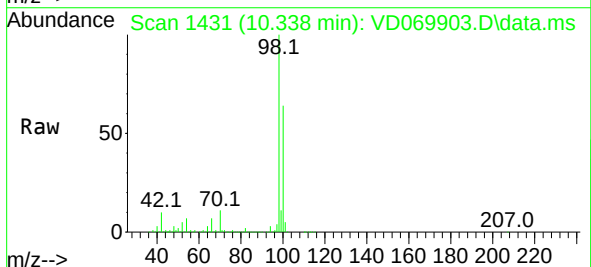
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MSVOA_D
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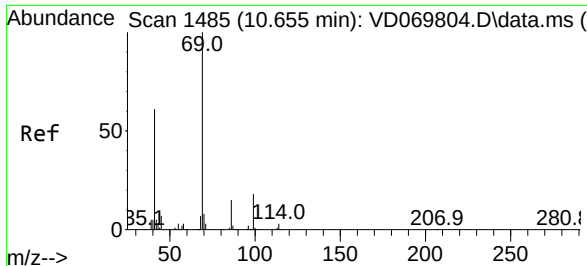
Tgt Ion: 41 Resp: 403
Ion Ratio Lower Upper
41 100
69 64.0 73.4 110.2#
39 64.3 36.6 55.0#



#50
Toluene-d8
Concen: 52.870 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Tgt Ion: 98 Resp: 1792912
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

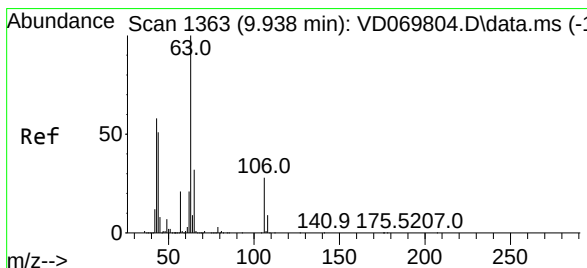
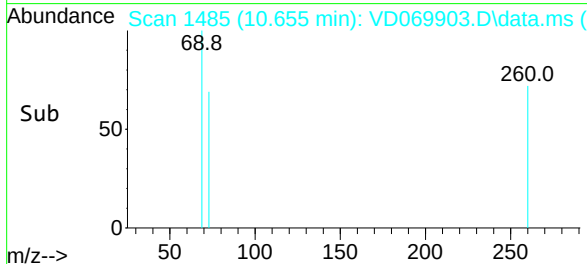
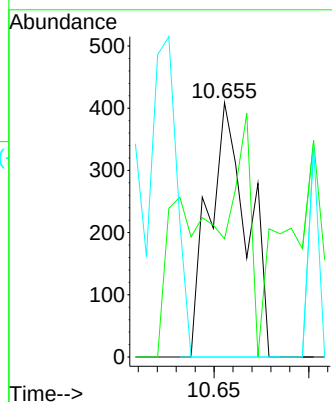
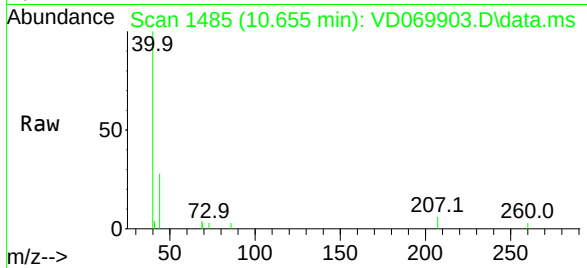




#56
Ethyl methacrylate
Concen: 3.950 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

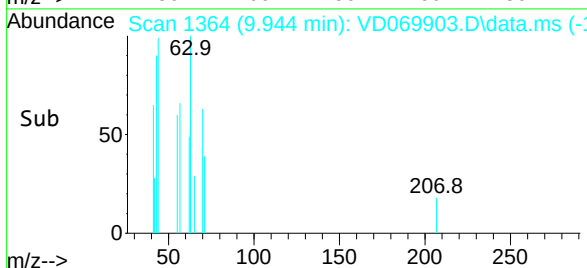
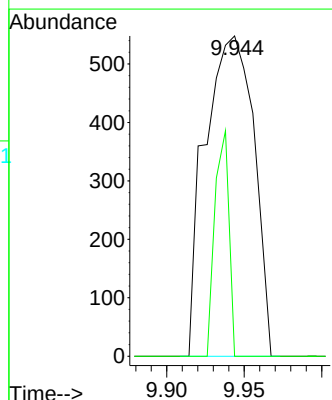
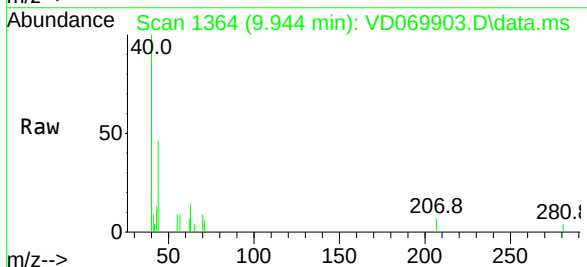
Instrument :
MSVOA_D
ClientSampled :

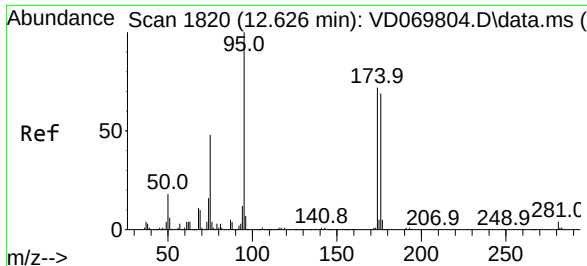
Tgt Ion: 69 Resp: 572
Ion Ratio Lower Upper
69 100
41 40.7 50.2 75.2#
39 0.0 22.0 33.0#



#58
2-Chloroethyl Vinyl ether
Concen: 21.124 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.006 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Tgt Ion: 63 Resp: 1199
Ion Ratio Lower Upper
63 100
106 20.4 21.8 32.6#

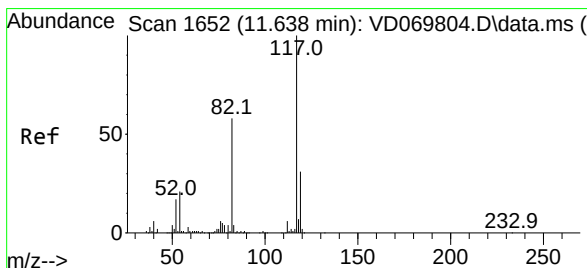
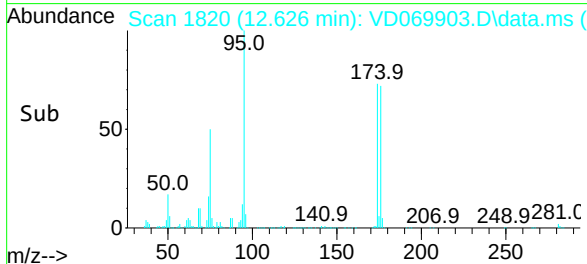
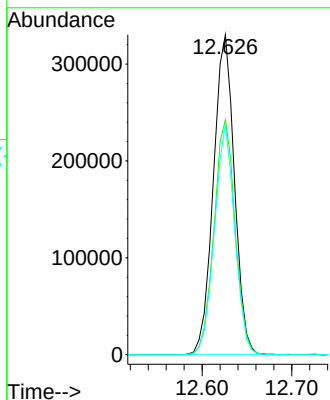
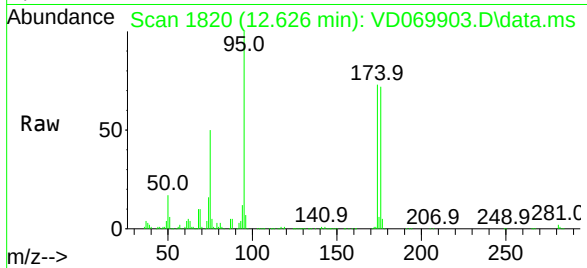




#62
4-Bromofluorobenzene
Concen: 47.329 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

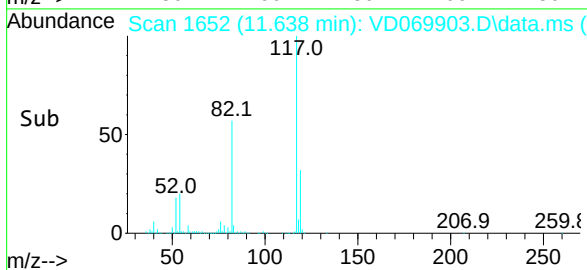
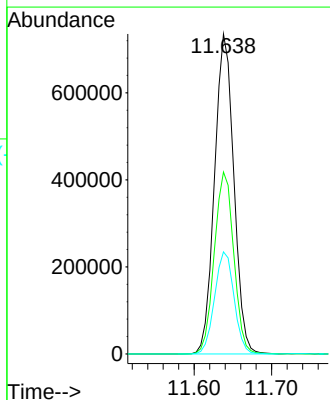
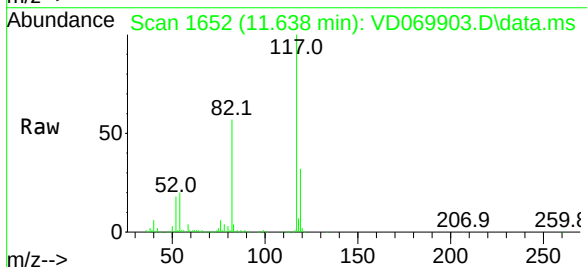
Instrument :
MSVOA_D
ClientSampleId :

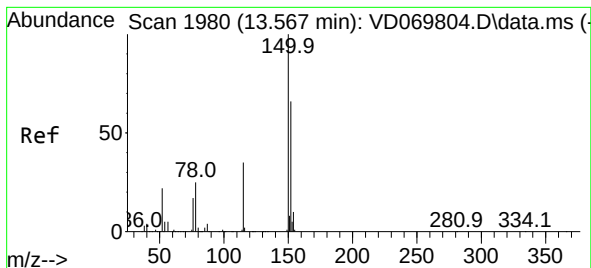
Tgt Ion: 95 Resp: 536403
Ion Ratio Lower Upper
95 100
174 73.9 0.0 142.6
176 69.4 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Tgt Ion: 117 Resp: 1272119
Ion Ratio Lower Upper
117 100
82 56.9 46.3 69.5
119 31.9 24.7 37.1

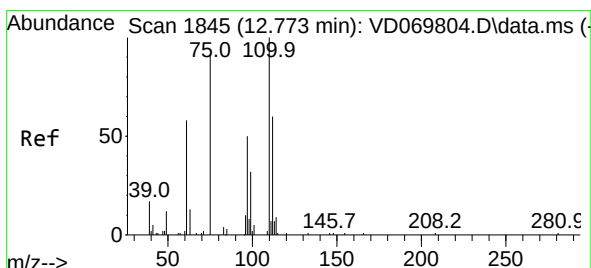
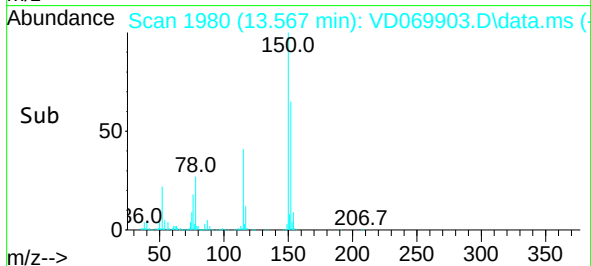
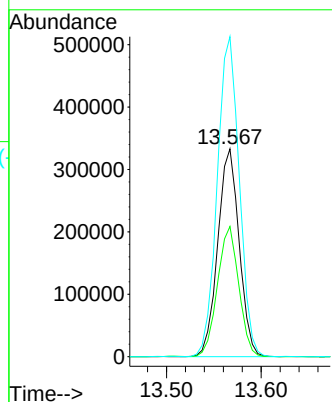
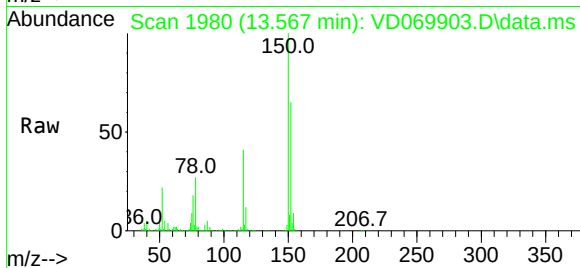




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069903.D
 Acq: 29 Jul 2021 11:09

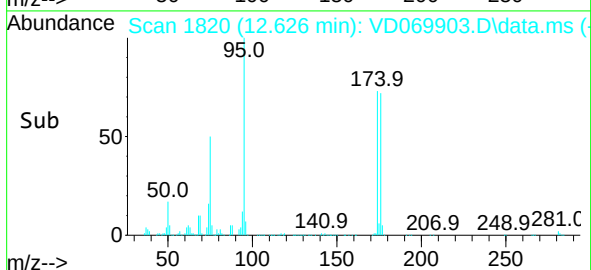
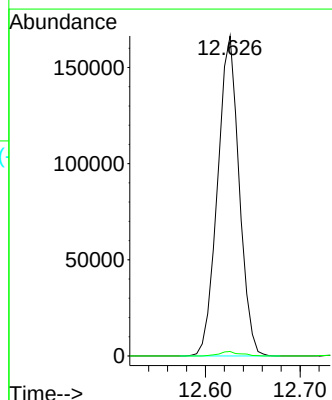
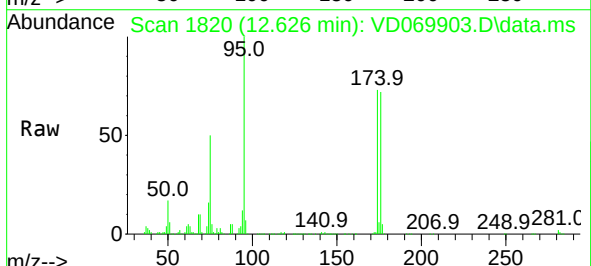
Instrument :
 MSVOA_D
 ClientSampled :

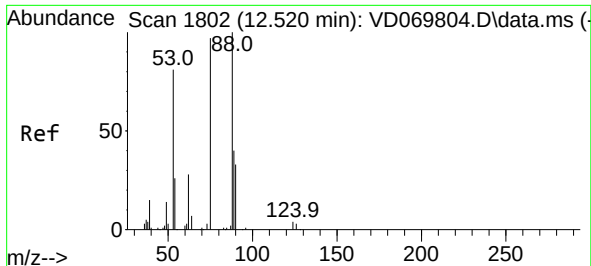
Tgt Ion:152 Resp: 524142
 Ion Ratio Lower Upper
 152 100
 115 62.2 31.1 93.3
 150 157.8 0.0 343.0



#76
 1,2,3-Trichloropropane
 Concen: 47.341 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069903.D
 Acq: 29 Jul 2021 11:09

Tgt Ion: 75 Resp: 263747
 Ion Ratio Lower Upper
 75 100
 77 1.4 181.5 544.5#

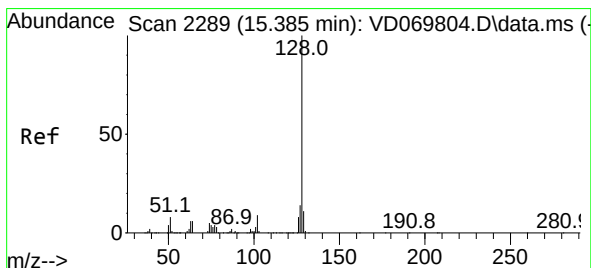
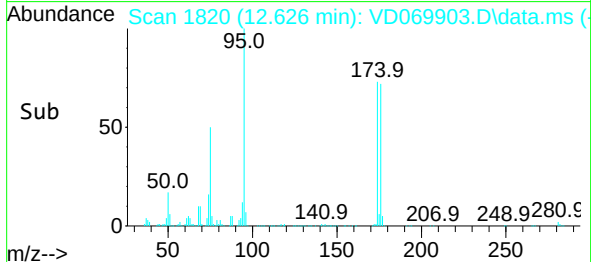
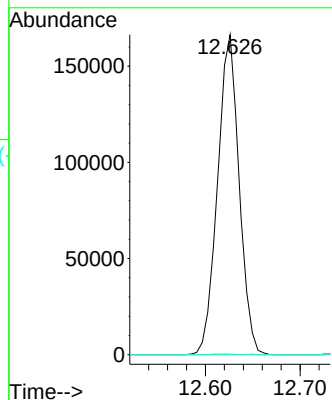
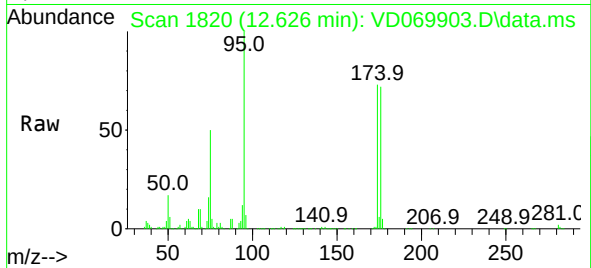




#81
trans-1,4-Dichloro-2-butene
Concen: 143.619 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 263747
Ion Ratio Lower Upper
75 100
53 0.2 67.2 100.8#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 5.286 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD069903.D
Acq: 29 Jul 2021 11:09

Tgt Ion: 128 Resp: 5473
Ion Ratio Lower Upper
128 100
127 9.1 10.6 16.0#
129 12.0 8.6 12.8

