

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069918.D
 Acq On : 29 Jul 2021 18:23
 Operator : VA/SY
 Sample : M3222-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 00:57:51 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)

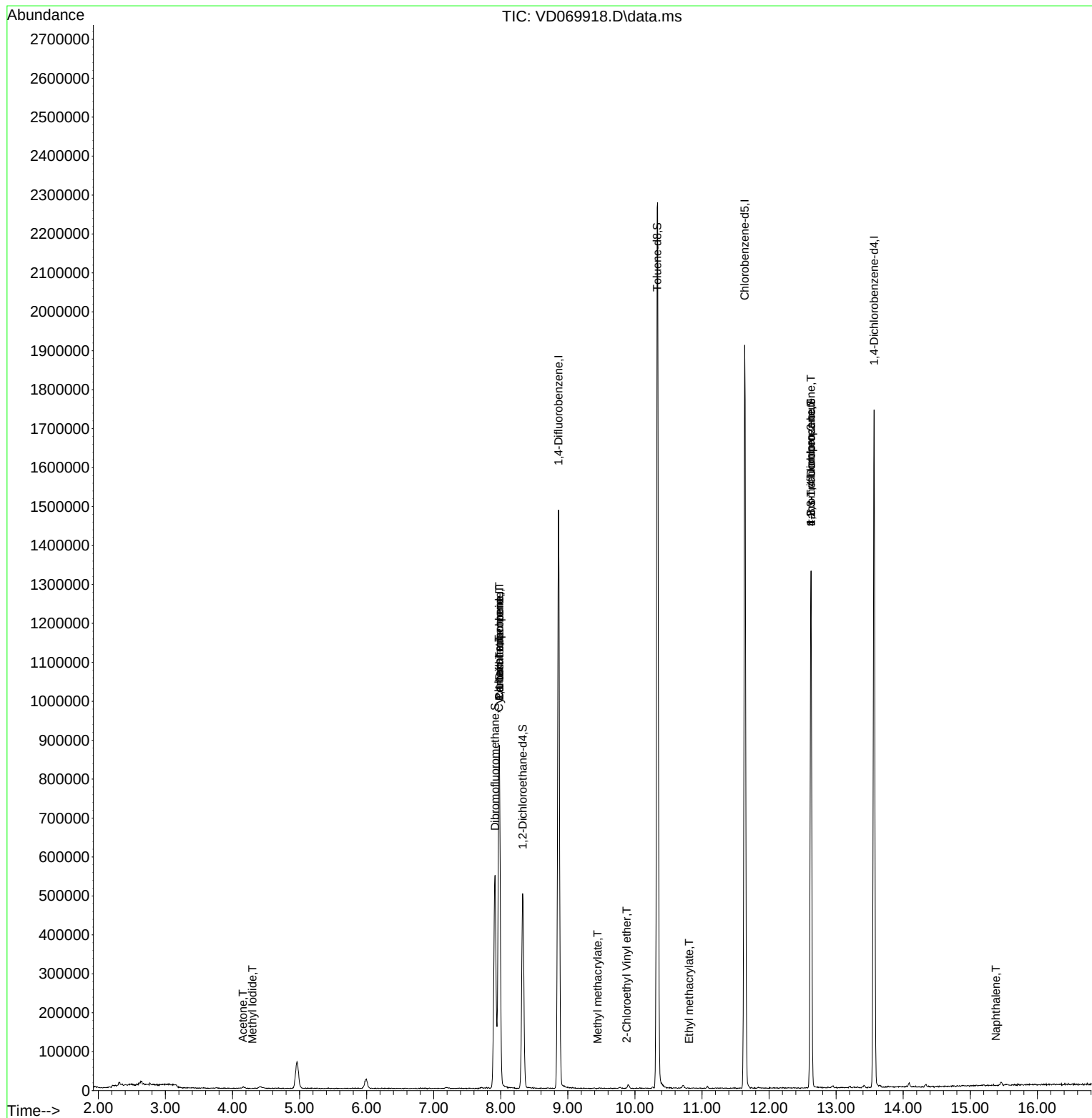
Internal Standards						
1) Pentafluorobenzene	7.979	168	624422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1232307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1126364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	451106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	396905	55.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.540%	
35) Dibromofluoromethane	7.914	113	403422	51.931	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.860%	
50) Toluene-d8	10.332	98	1601235	53.455	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.920%	
62) 4-Bromofluorobenzene	12.626	95	456330	45.583	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.160%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1976	Below Cal	#	46
10) Methyl Iodide	4.297	142	669	3.543	ug/l #	54
16) Acetone	4.156	43	5807	4.476	ug/l	93
20) Methylene Chloride	4.962	84	54806	Below Cal		93
31) Cyclohexane	7.973	56	14781	1.053	ug/l #	9
36) 1,1-Dichloropropene	7.979	75	57081	4.292	ug/l #	49
38) Carbon Tetrachloride	7.979	117	66559	5.479	ug/l #	17
48) Methyl methacrylate	9.444	41	62	2.759	ug/l #	13
56) Ethyl methacrylate	10.808	69	75	3.904	ug/l #	73
58) 2-Chloroethyl Vinyl ether	9.879	63	81	20.890	ug/l #	48
76) 1,2,3-Trichloropropane	12.626	75	221146	46.121	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	221146	139.919	ug/l #	16
95) Naphthalene	15.384	128	494	5.029	ug/l #	69

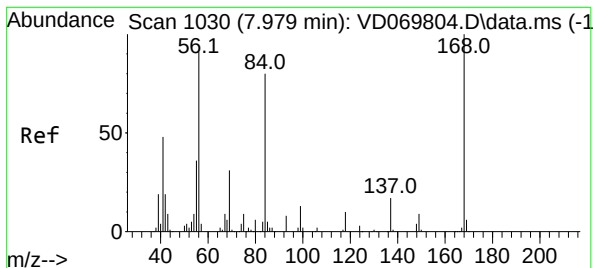
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 30 00:57:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
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Response via : Initial Calibration

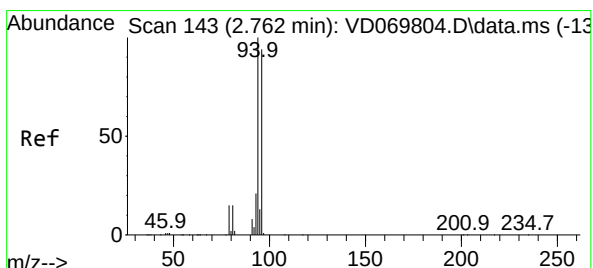
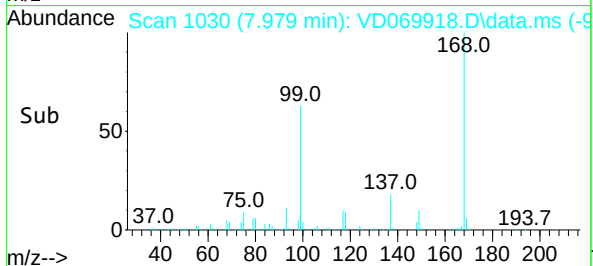
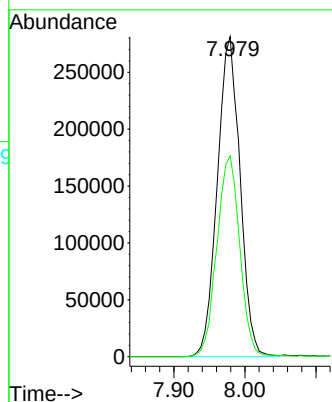
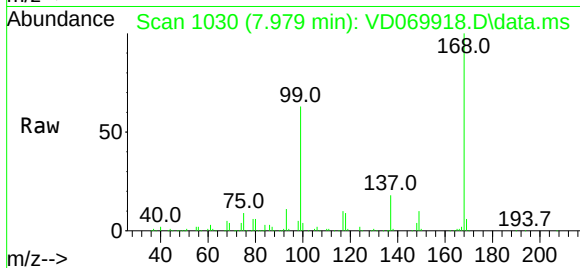




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

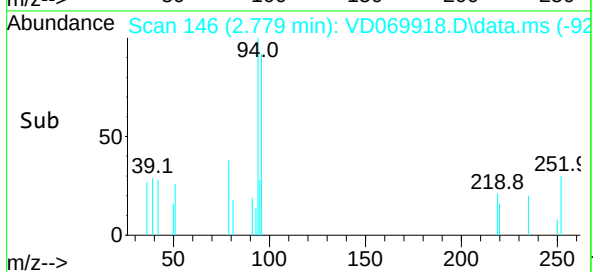
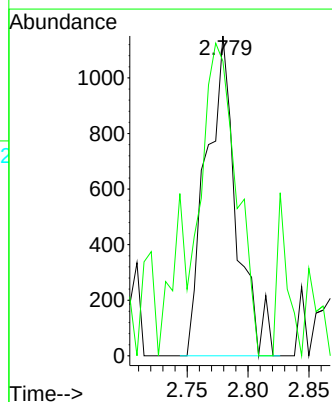
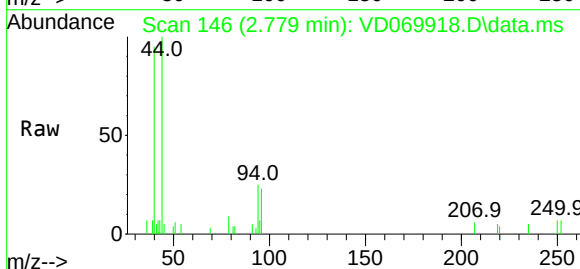
Instrument :
MSVOA_D
ClientSampleId :

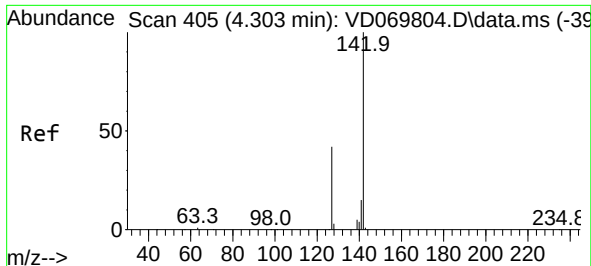
Tgt Ion:168 Resp: 624422
Ion Ratio Lower Upper
168 100
99 62.7 51.1 76.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

Tgt Ion: 94 Resp: 1976
Ion Ratio Lower Upper
94 100
96 41.4 74.8 112.2#

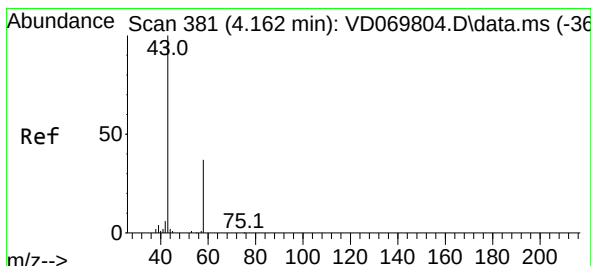
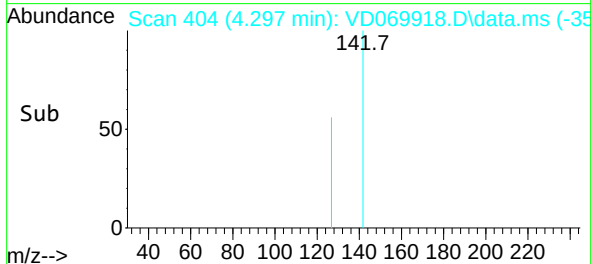
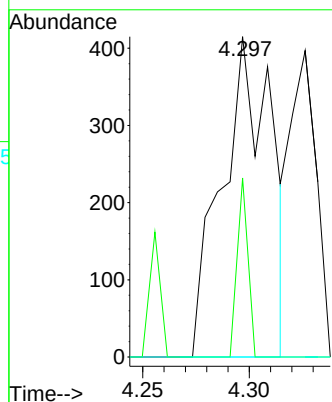
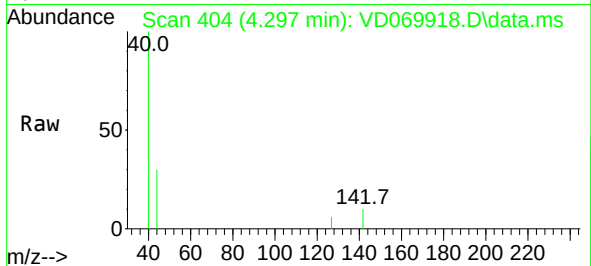




#10
Methyl Iodide
Concen: 3.543 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

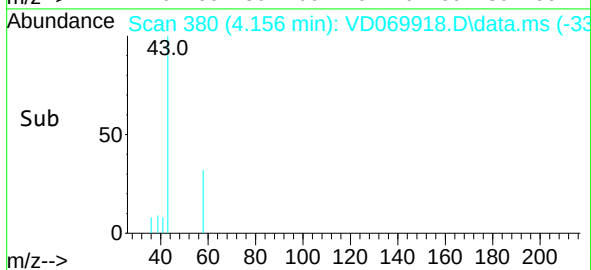
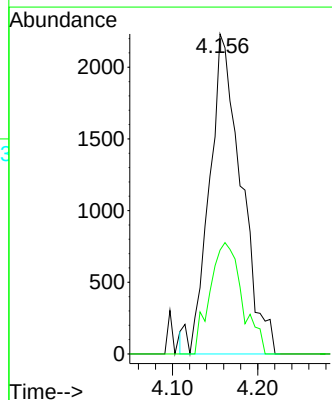
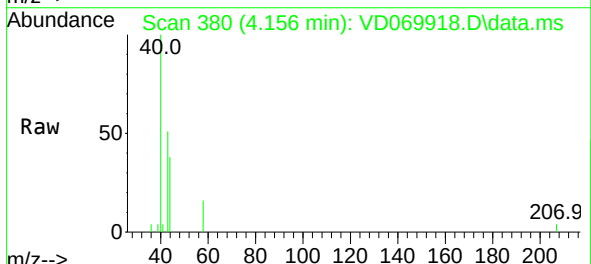
Instrument :
MSVOA_D
ClientSampleId :

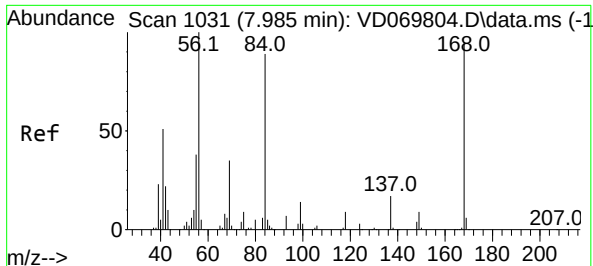
Tgt Ion:142 Resp: 669
Ion Ratio Lower Upper
142 100
127 12.3 35.7 53.5#
141 0.0 12.0 18.0#



#16
Acetone
Concen: 4.476 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

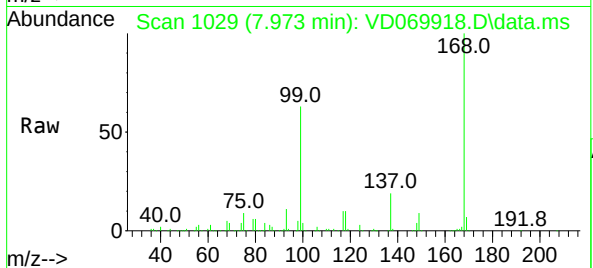
Tgt Ion: 43 Resp: 5807
Ion Ratio Lower Upper
43 100
58 32.4 29.4 44.0



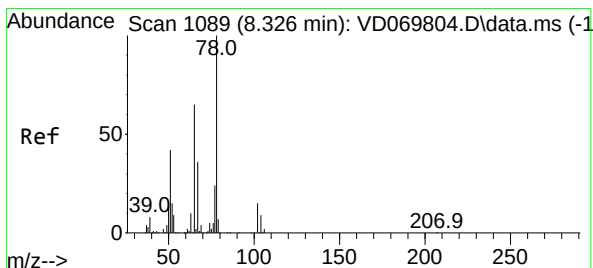
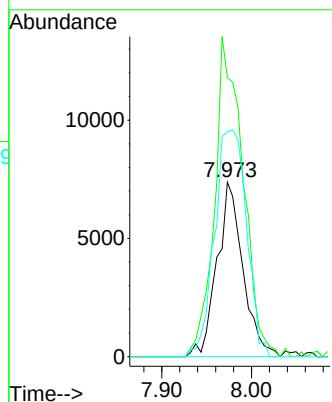
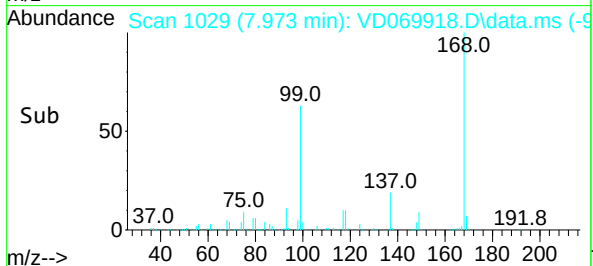


#31
Cyclohexane
Concen: 1.053 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

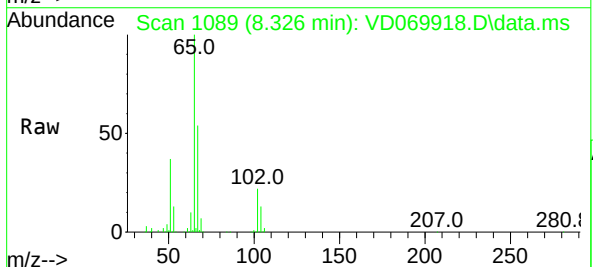
Instrument :
MSVOA_D
ClientSampleId :



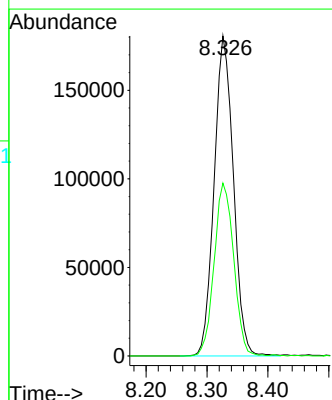
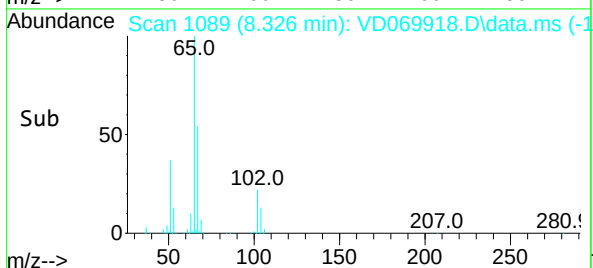
Tgt Ion: 56 Resp: 14781
Ion Ratio Lower Upper
56 100
69 159.8 27.9 41.9#
84 128.9 71.4 107.2#

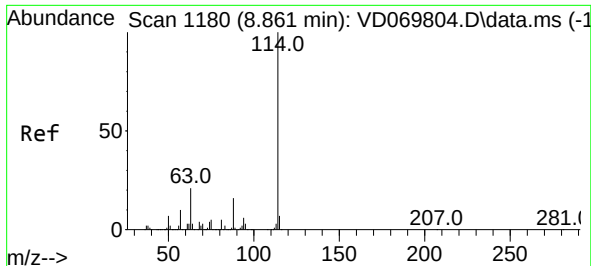


#33
1,2-Dichloroethane-d4
Concen: 55.268 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23



Tgt Ion: 65 Resp: 396905
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.2

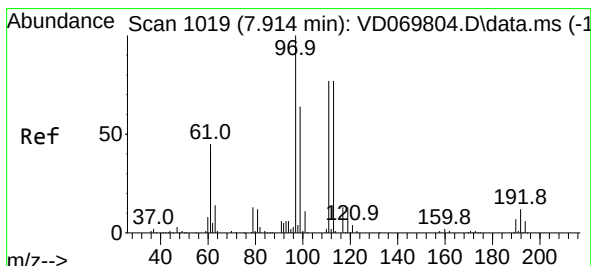
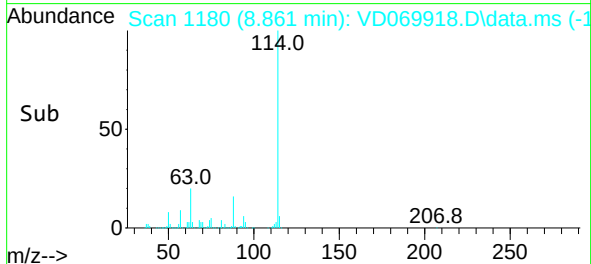
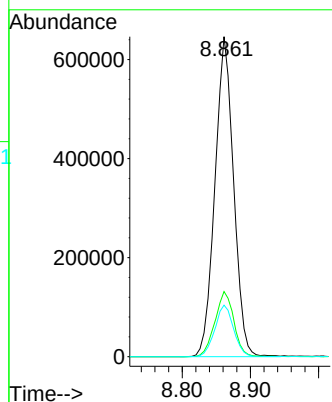
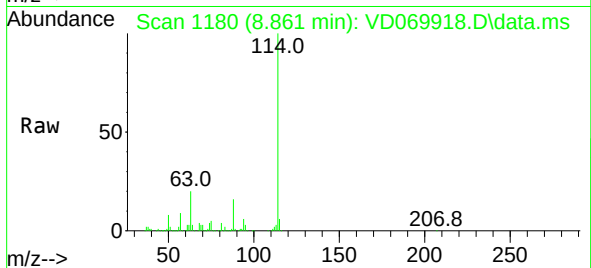




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

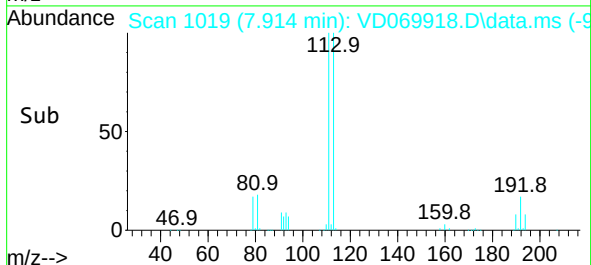
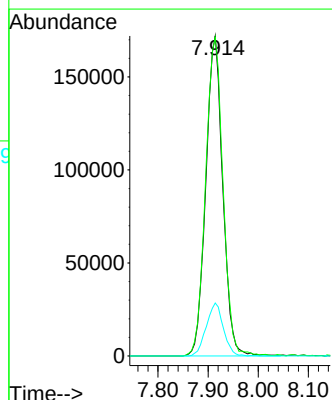
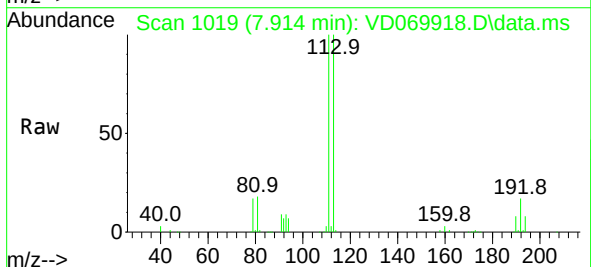
Instrument :
MSVOA_D
ClientSampleId :

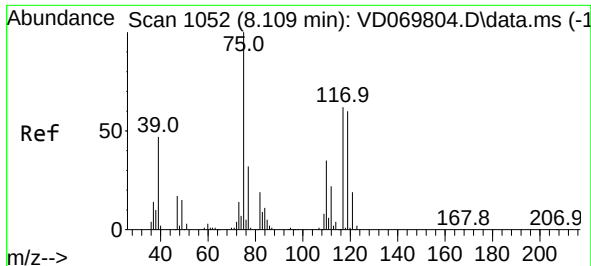
Tgt Ion:114 Resp: 1232307
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 16.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.931 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

Tgt Ion:113 Resp: 403422
Ion Ratio Lower Upper
113 100
111 102.7 80.5 120.7
192 16.7 12.6 19.0

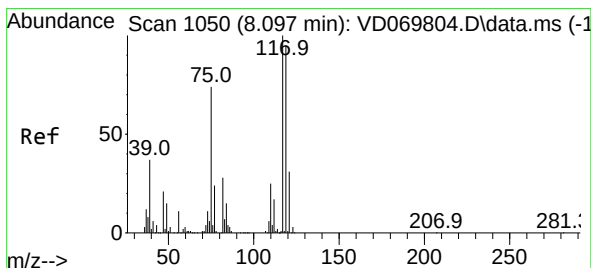
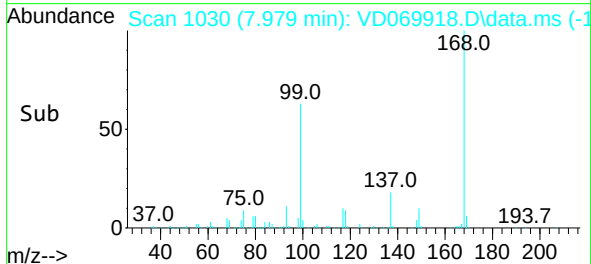
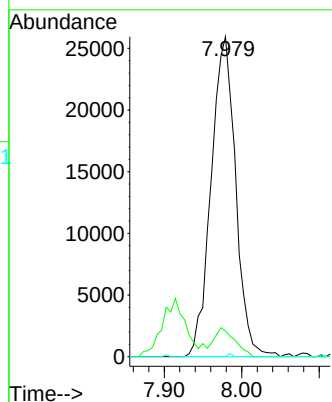
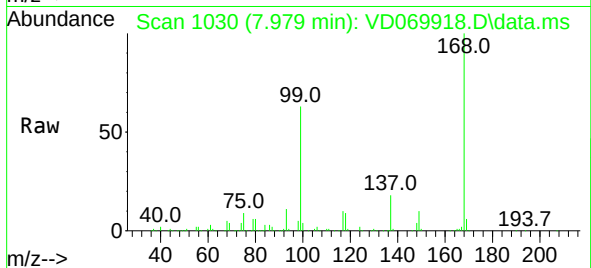




#36
1,1-Dichloropropene
Concen: 4.292 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

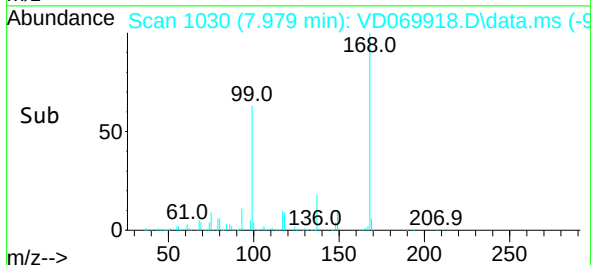
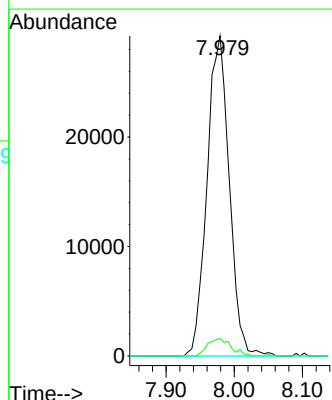
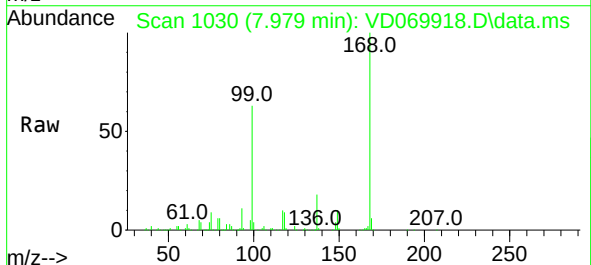
Instrument :
MSVOA_D
ClientSampled :

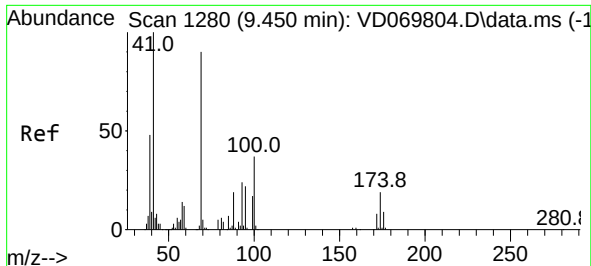
Tgt Ion: 75 Resp: 57081
Ion Ratio Lower Upper
75 100
110 7.6 16.9 50.7#
77 0.2 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.479 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

Tgt Ion: 117 Resp: 66559
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.5 36.7#

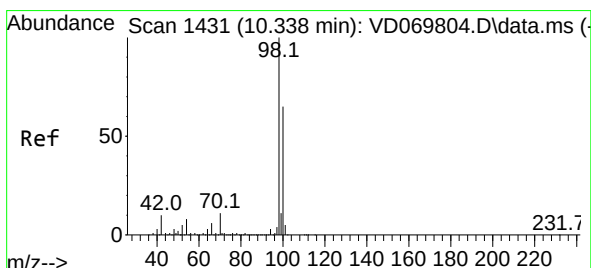
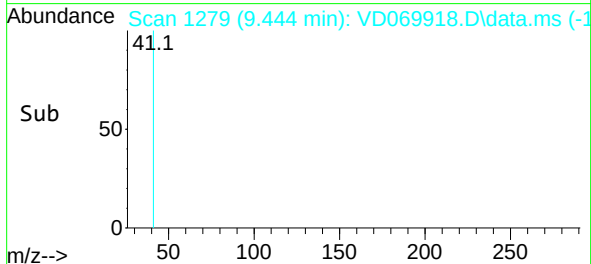
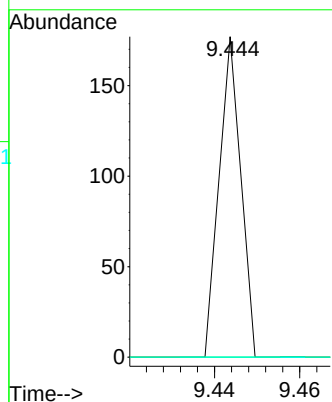
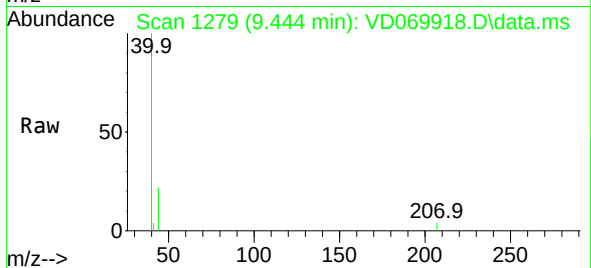




#48
Methyl methacrylate
Concen: 2.759 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

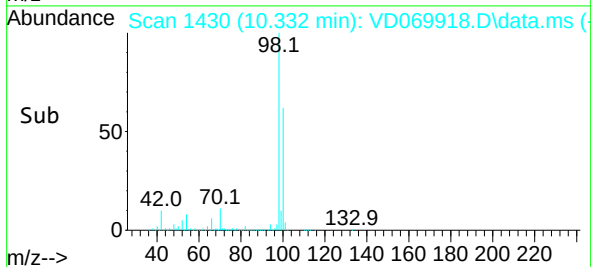
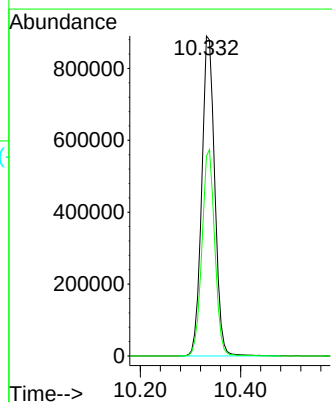
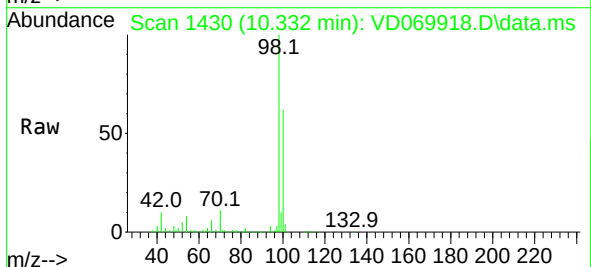
Instrument :
MSVOA_D
ClientSampleId :

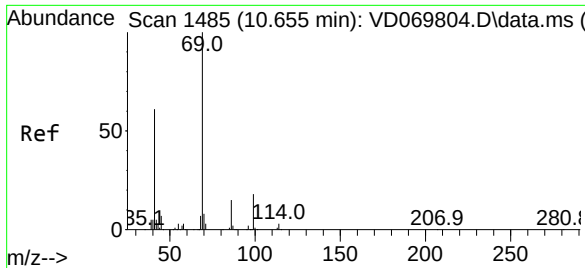
Tgt Ion: 41 Resp: 62
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#



#50
Toluene-d8
Concen: 53.455 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

Tgt Ion: 98 Resp: 1601235
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

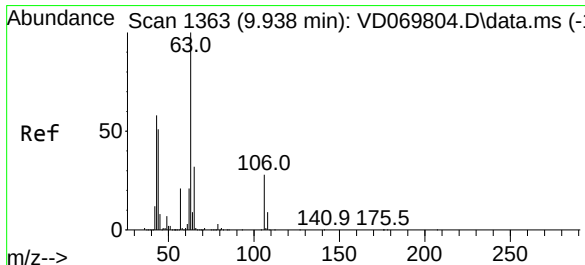
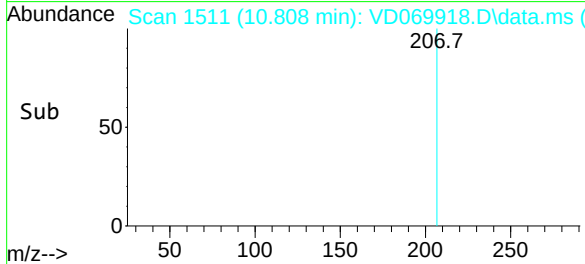
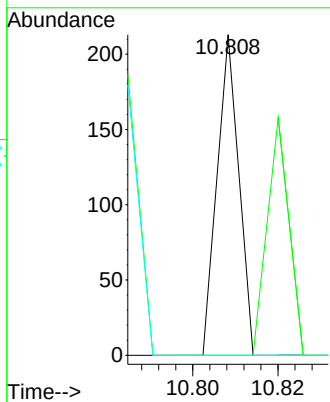
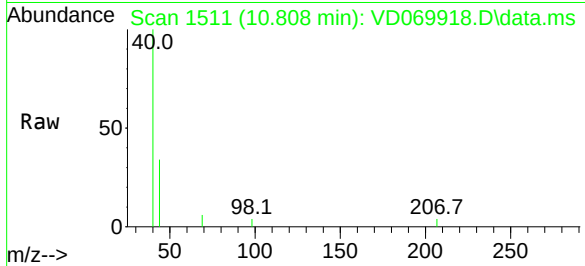




#56
Ethyl methacrylate
Concen: 3.904 ug/l
RT: 10.808 min Scan# 1511
Delta R.T. 0.153 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

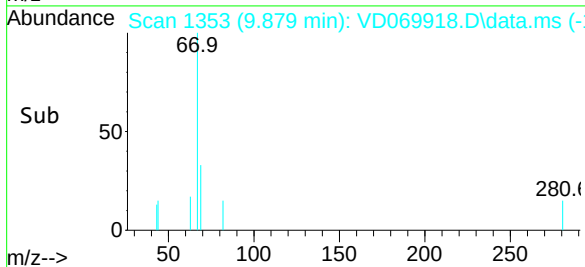
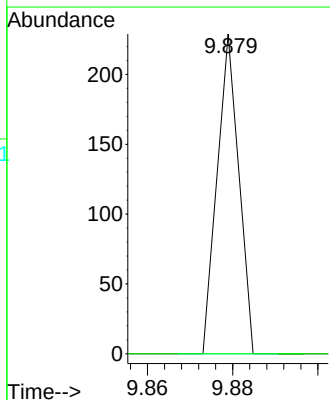
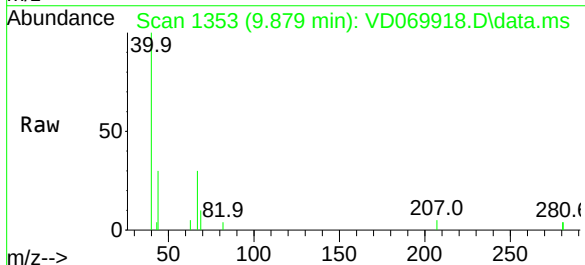
Instrument :
MSVOA_D
ClientSampled :

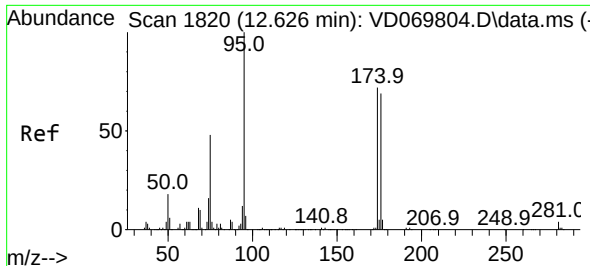
Tgt Ion: 69 Resp: 75
Ion Ratio Lower Upper
69 100
41 74.7 50.2 75.2
39 0.0 22.0 33.0#



#58
2-Chloroethyl Vinyl ether
Concen: 20.890 ug/l
RT: 9.879 min Scan# 1353
Delta R.T. -0.059 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

Tgt Ion: 63 Resp: 81
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#

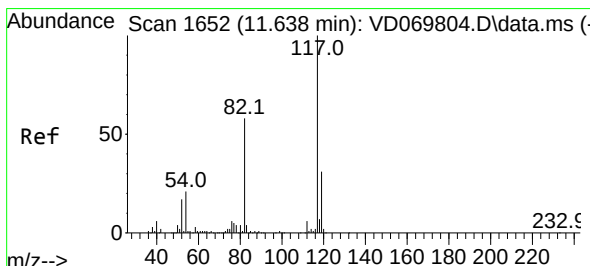
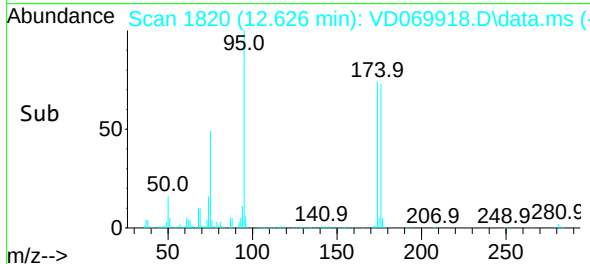
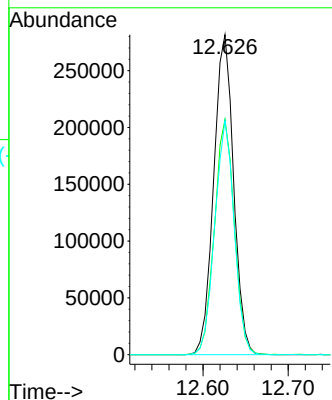
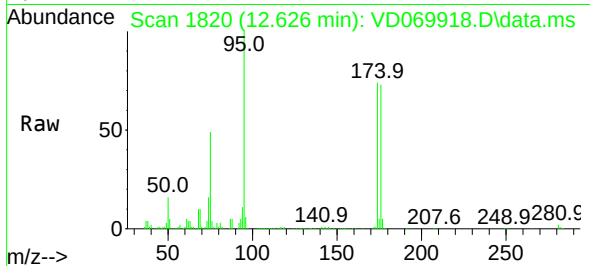




#62
4-Bromofluorobenzene
Concen: 45.583 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

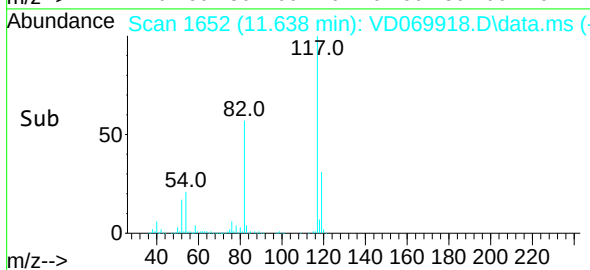
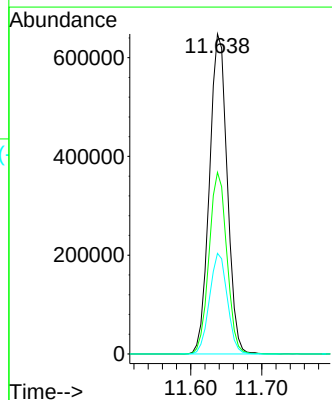
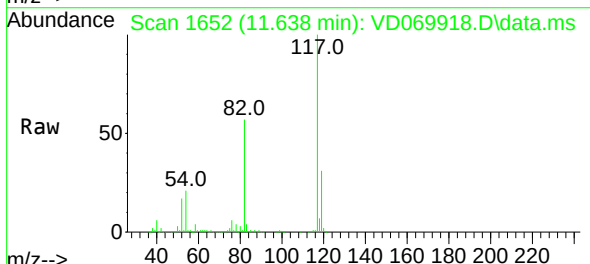
Instrument :
MSVOA_D
ClientSampleId :

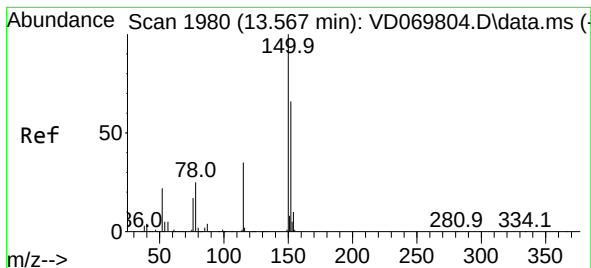
Tgt Ion: 95 Resp: 456330
Ion Ratio Lower Upper
95 100
174 73.5 0.0 142.6
176 71.5 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

Tgt Ion: 117 Resp: 1126364
Ion Ratio Lower Upper
117 100
82 56.8 46.3 69.5
119 31.4 24.7 37.1

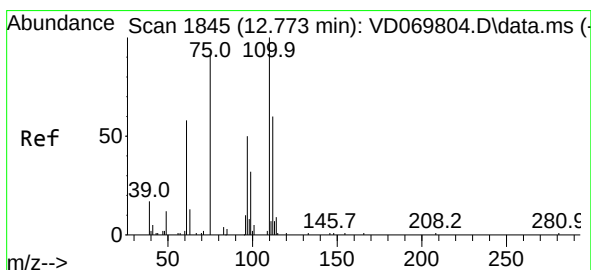
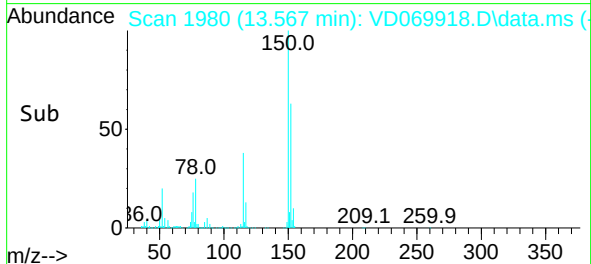
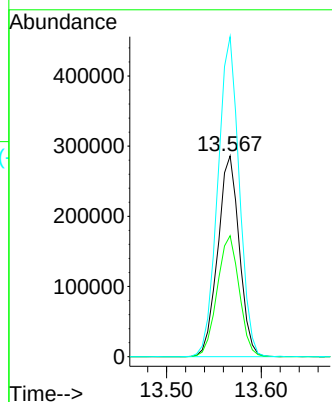
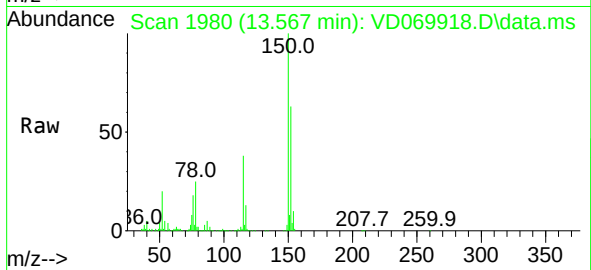




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069918.D
 Acq: 29 Jul 2021 18:23

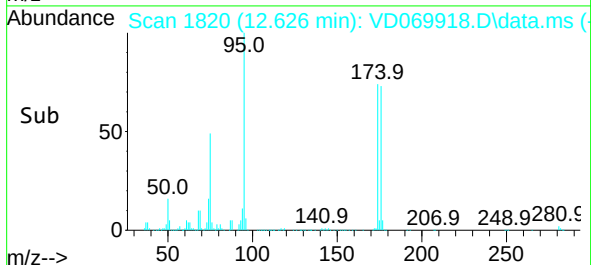
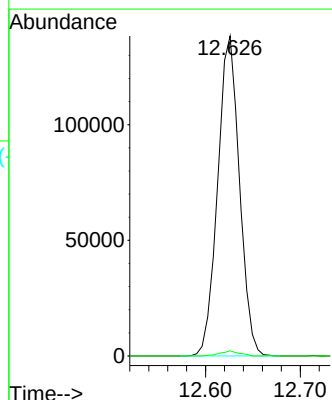
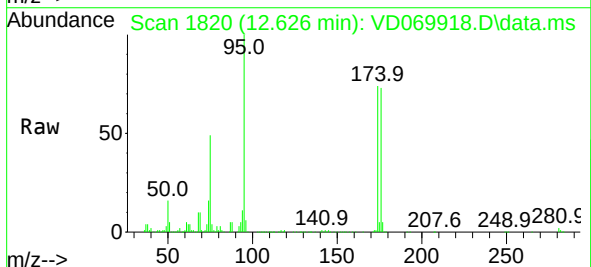
Instrument :
 MSVOA_D
 ClientSampleId :

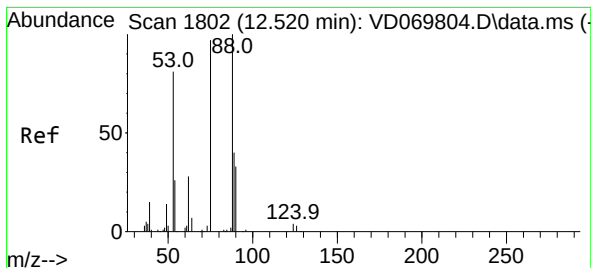
Tgt Ion:152 Resp: 451106
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.1 93.3
 150 159.0 0.0 343.0



#76
 1,2,3-Trichloropropane
 Concen: 46.121 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069918.D
 Acq: 29 Jul 2021 18:23

Tgt Ion: 75 Resp: 221146
 Ion Ratio Lower Upper
 75 100
 77 1.4 181.5 544.5#

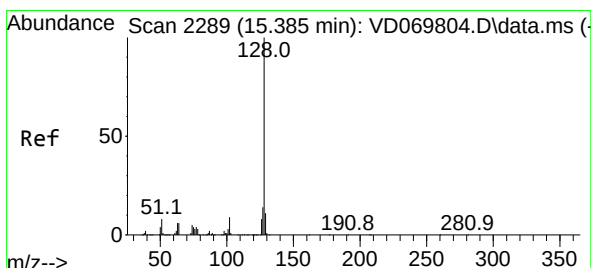
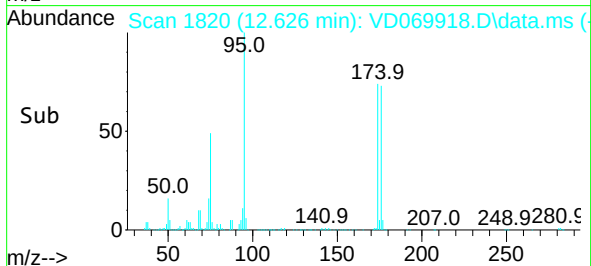
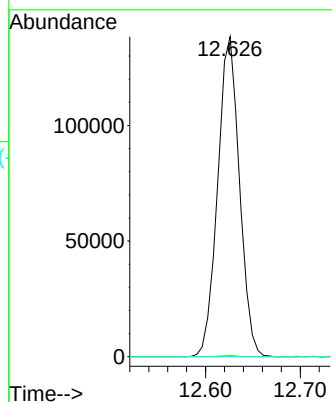
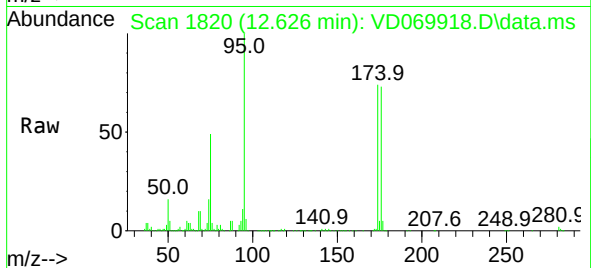




#81
trans-1,4-Dichloro-2-butene
Concen: 139.919 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 221146
Ion Ratio Lower Upper
75 100
53 0.2 67.2 100.8#
89 0.1 35.8 53.6#



#95
Naphthalene
Concen: 5.029 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD069918.D
Acq: 29 Jul 2021 18:23

Tgt Ion:128 Resp: 494
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

