

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060821\
 Data File : VD069394.D
 Acq On : 08 Jun 2021 18:36
 Operator : VA/SY
 Sample : M2650-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 09 02:10:30 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)

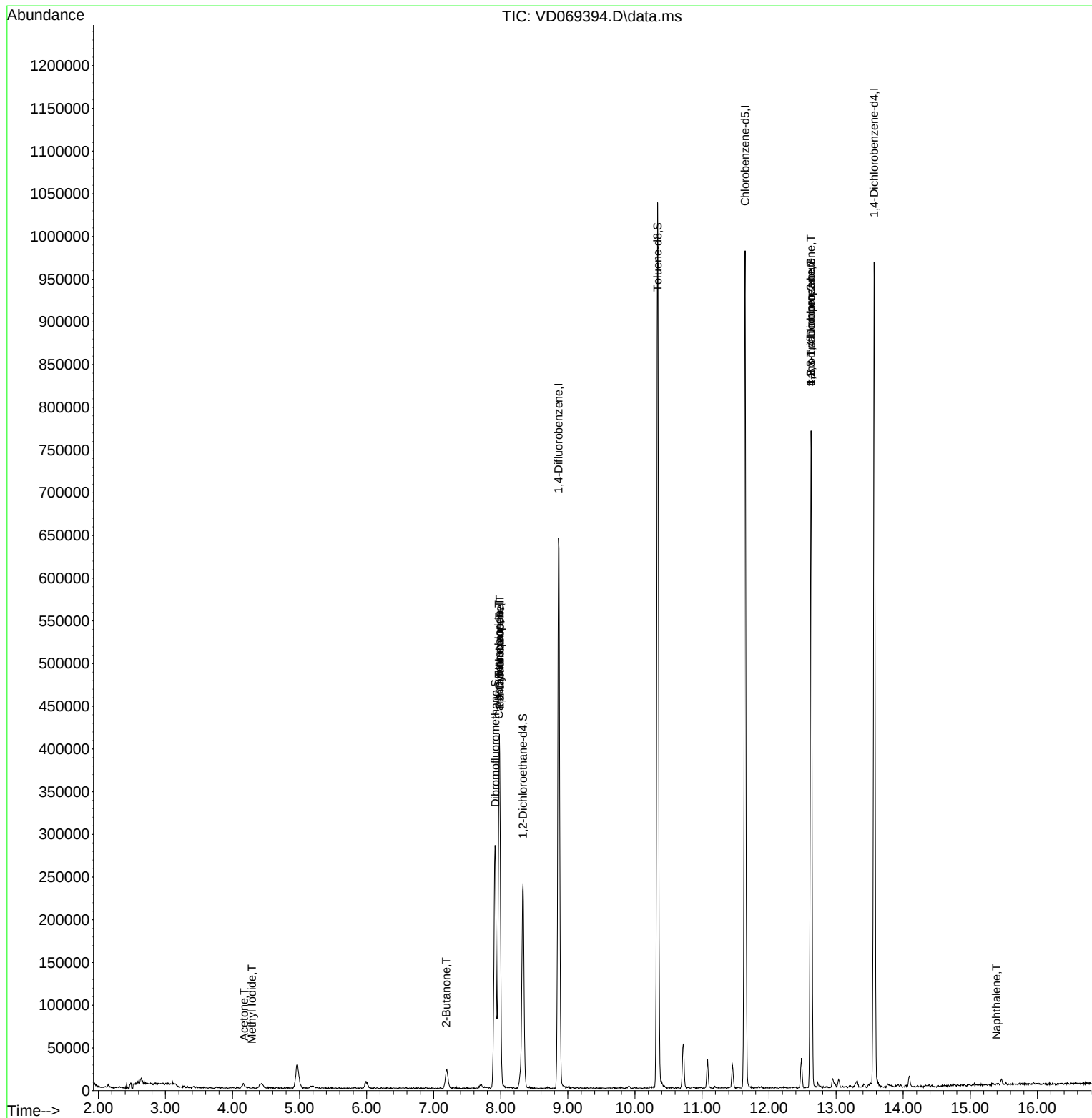
Internal Standards						
1) Pentafluorobenzene	7.985	168	315682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	575984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	592690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	265954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	192258	63.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.940%	
35) Dibromofluoromethane	7.920	113	210417	58.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.340%	
50) Toluene-d8	10.338	98	728483	55.386	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.780%	
62) 4-Bromofluorobenzene	12.626	95	245641	56.995	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.000%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	138	2.547	ug/l #	39
11) Tert butyl alcohol	5.220	59	746	Below Cal	#	73
16) Acetone	4.173	43	8006	15.146	ug/l #	86
20) Methylene Chloride	4.967	84	25090	Below Cal		89
25) 2-Butanone	7.185	43	1175	1.689	ug/l #	45
31) Cyclohexane	7.979	56	6510	1.353	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	25767	4.602	ug/l #	48
38) Carbon Tetrachloride	7.973	117	30186	4.994	ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	117976	51.056	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	117976	113.142	ug/l #	18
95) Naphthalene	15.390	128	882	3.393	ug/l #	69

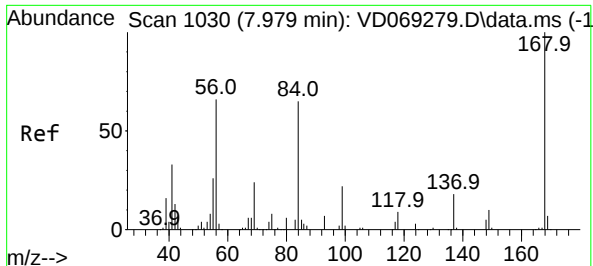
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

Quant Time: Jun 09 02:10:30 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

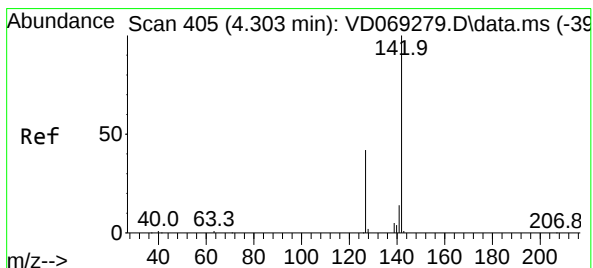
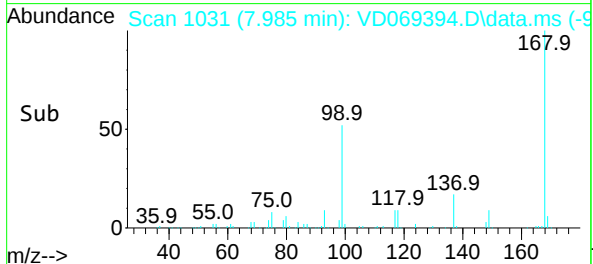
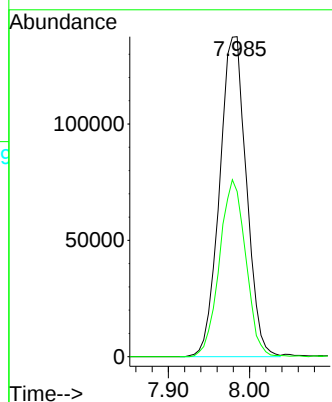
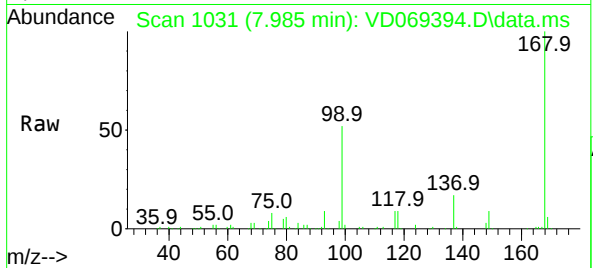




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

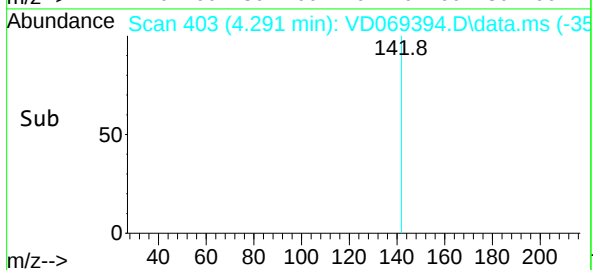
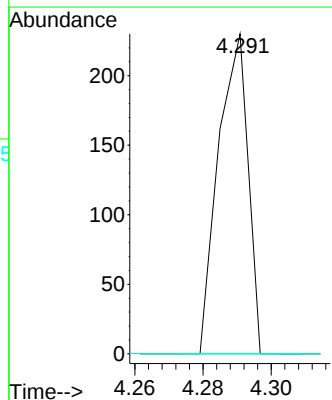
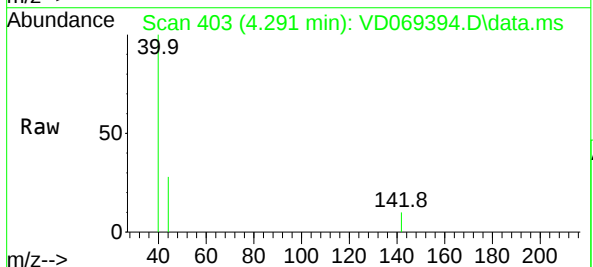
Instrument :
MSVOA_D
ClientSampleId :

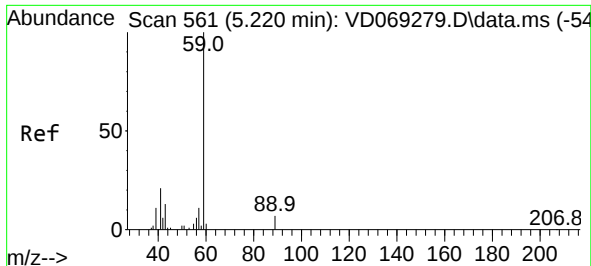
Tgt Ion:168 Resp: 315682
Ion Ratio Lower Upper
168 100
99 51.6 46.2 69.2



#10
Methyl Iodide
Concen: 2.547 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

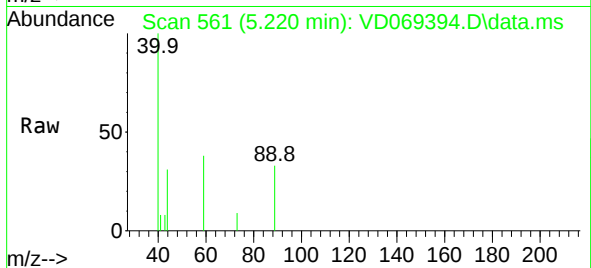
Tgt Ion:142 Resp: 138
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



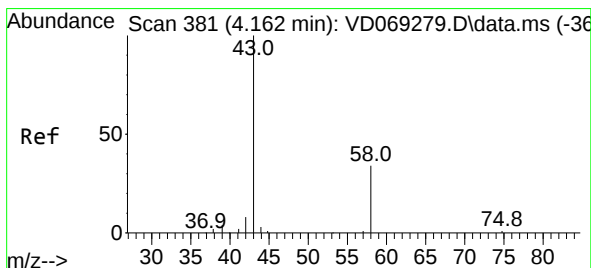
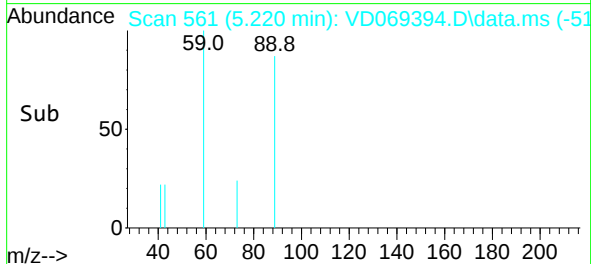
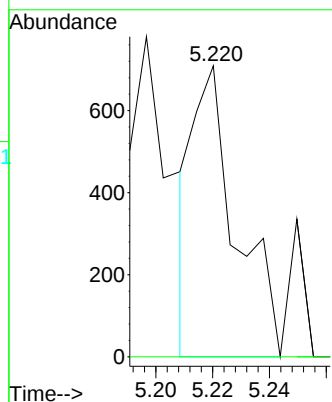


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

Instrument :
MSVOA_D
ClientSampled :

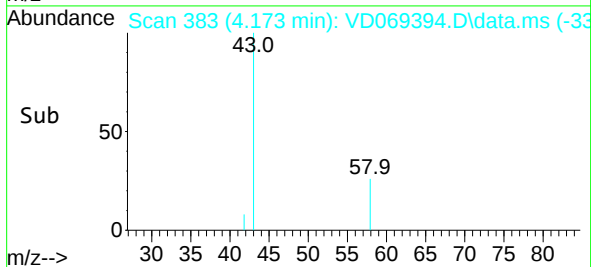
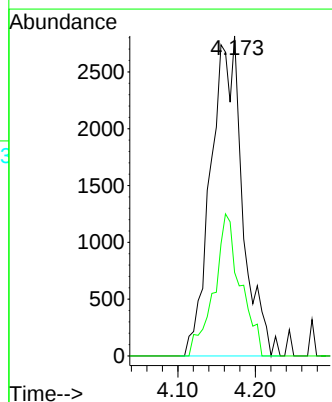
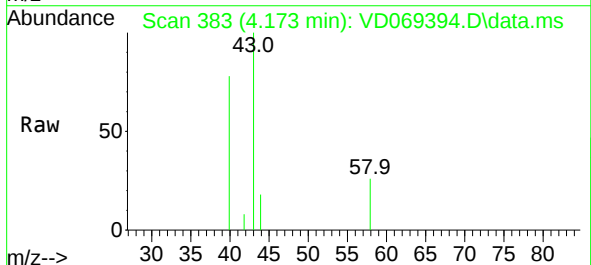


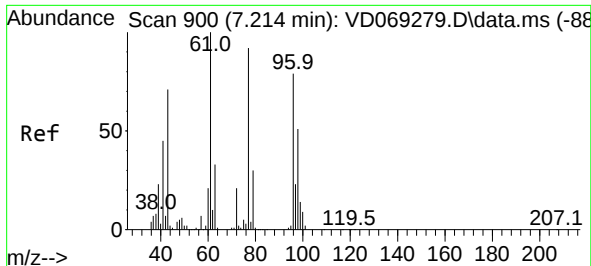
Tgt Ion: 59 Resp: 746
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 15.146 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

Tgt Ion: 43 Resp: 8006
Ion Ratio Lower Upper
43 100
58 26.1 27.5 41.3#

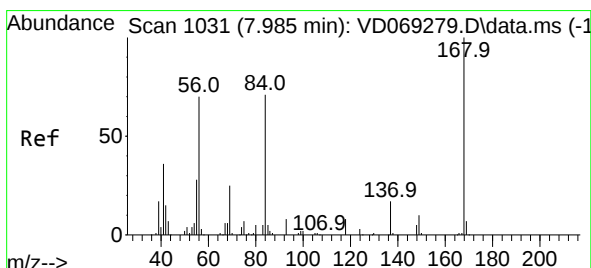
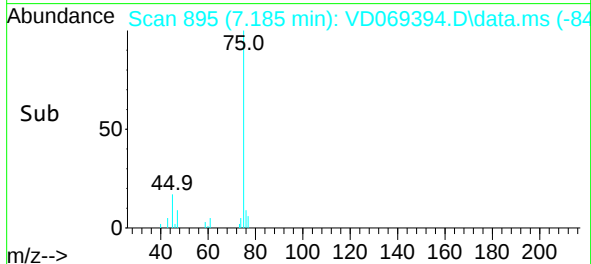
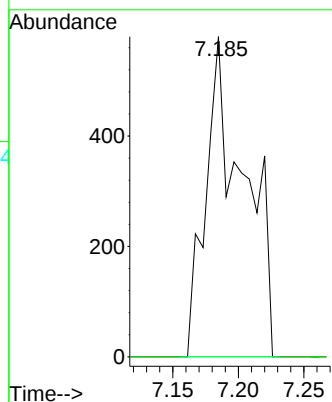
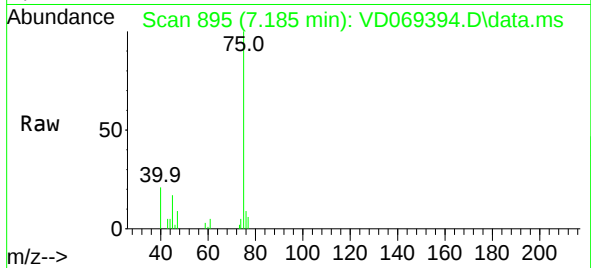




#25
2-Butanone
Concen: 1.689 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.030 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

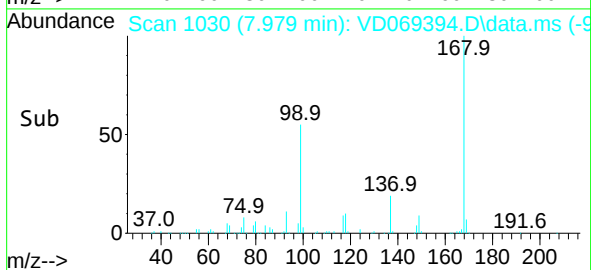
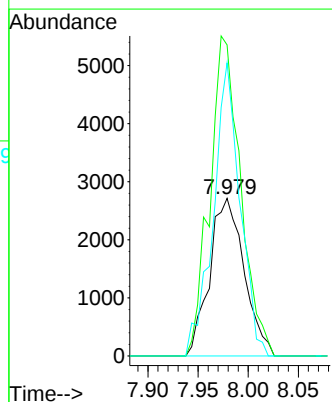
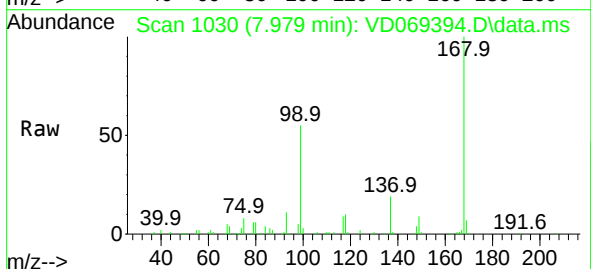
Instrument :
MSVOA_D
ClientSampled :

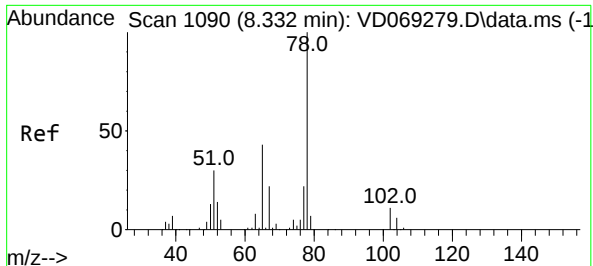
Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
72 0.0 23.9 35.9#



#31
Cyclohexane
Concen: 1.353 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

Tgt Ion: 56 Resp: 6510
Ion Ratio Lower Upper
56 100
69 197.4 29.0 43.4#
84 186.0 81.1 121.7#

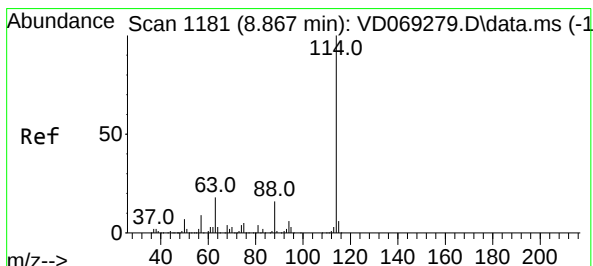
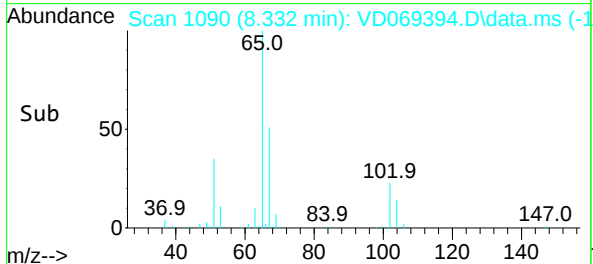
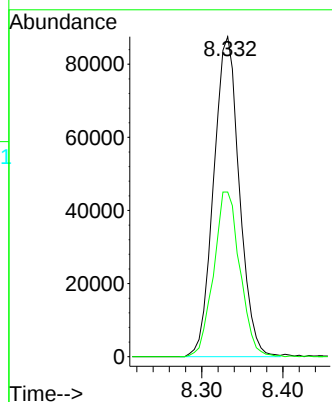
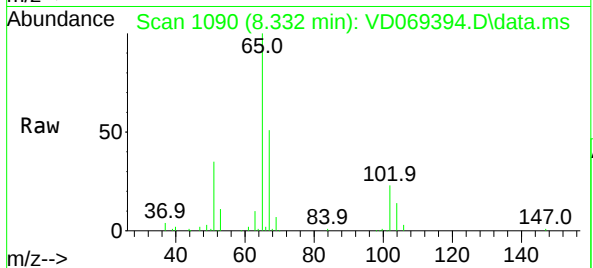




#33
1,2-Dichloroethane-d4
Concen: 63.472 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

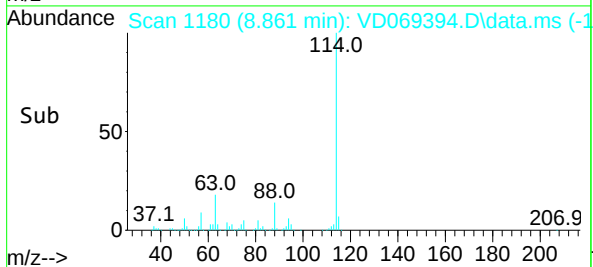
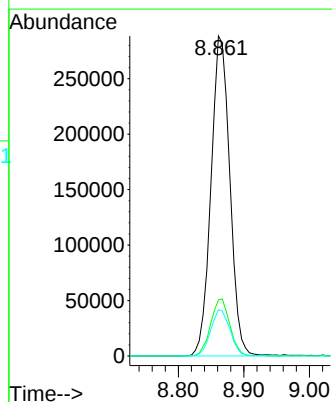
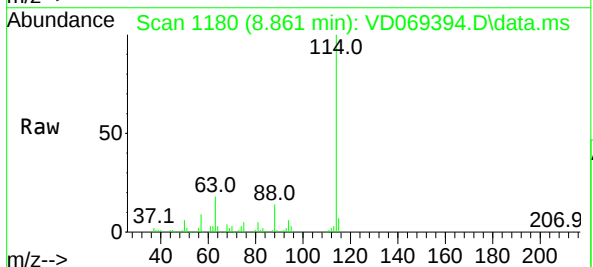
Instrument :
MSVOA_D
ClientSampleId :

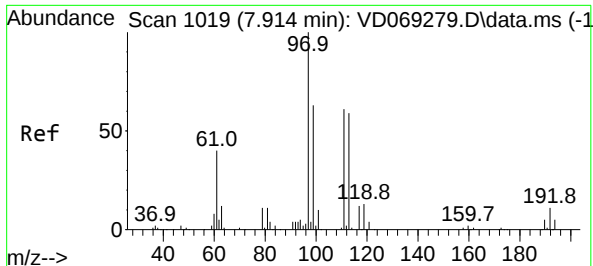
Tgt Ion: 65 Resp: 192258
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

Tgt Ion: 114 Resp: 575984
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.6
88 14.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 58.174 ug/l

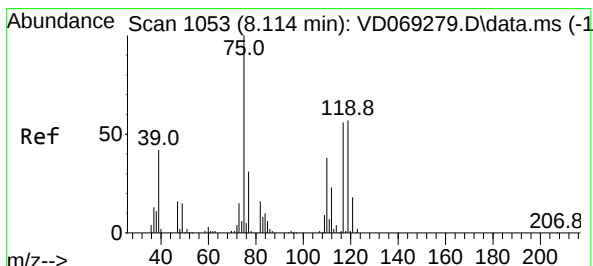
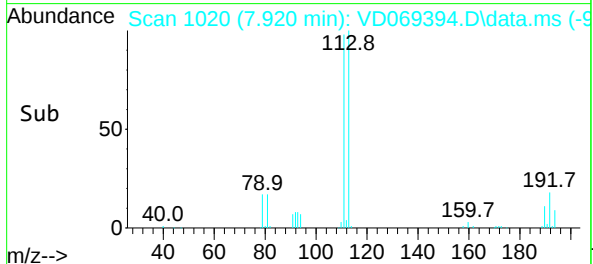
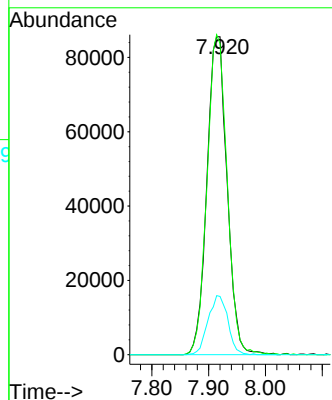
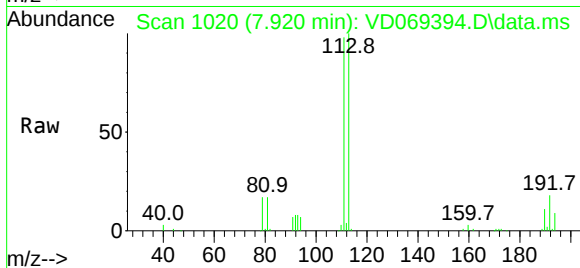
RT: 7.920 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VD069394.D

Acq: 08 Jun 2021 18:36

Tgt Ion:	113	Resp:	210417
Ion	Ratio	Lower	Upper
113	100		
111	100.2	83.0	124.6
192	18.2	15.1	22.7



#36

1,1-Dichloropropene

Concen: 4.602 ug/l

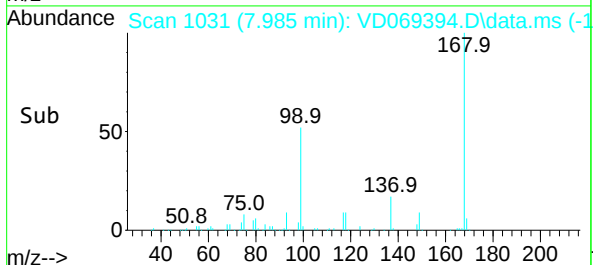
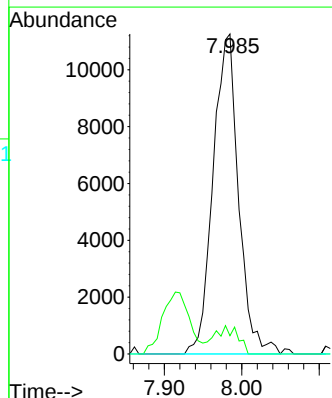
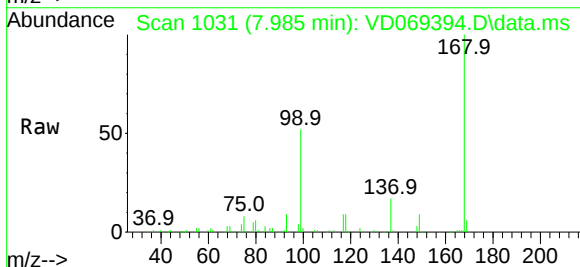
RT: 7.985 min Scan# 1031

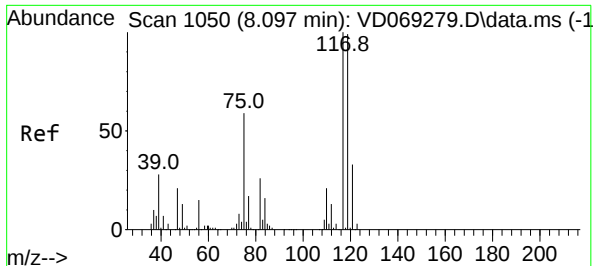
Delta R.T. -0.130 min

Lab File: VD069394.D

Acq: 08 Jun 2021 18:36

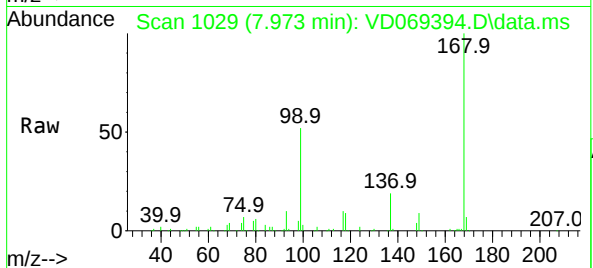
Tgt Ion:	75	Resp:	25767
Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.4	55.2#
77	0.0	24.9	37.3#



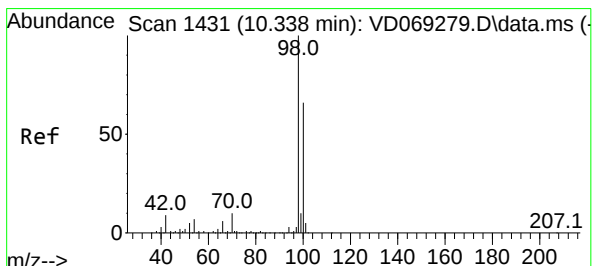
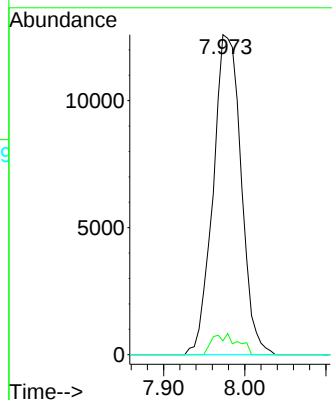
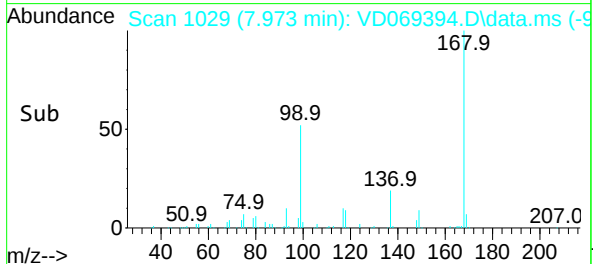


#38
Carbon Tetrachloride
Concen: 4.994 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

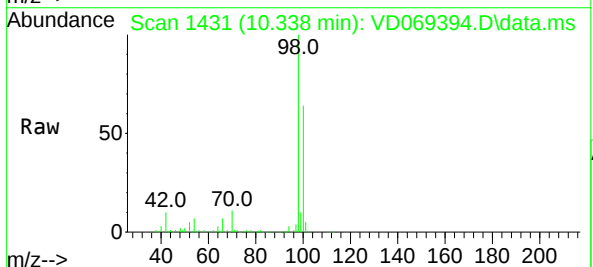
Instrument :
MSVOA_D
ClientSampled :



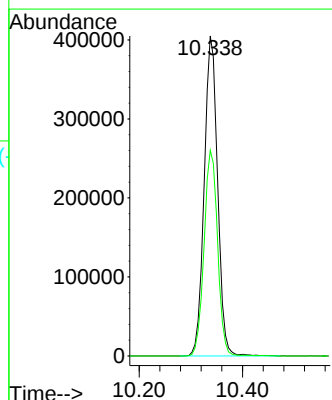
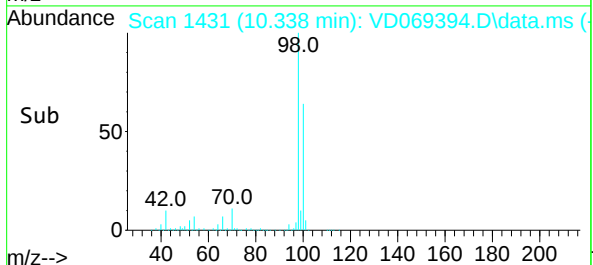
Tgt Ion:117 Resp: 30186
Ion Ratio Lower Upper
117 100
119 4.3 79.4 119.2#
121 0.0 26.1 39.1#

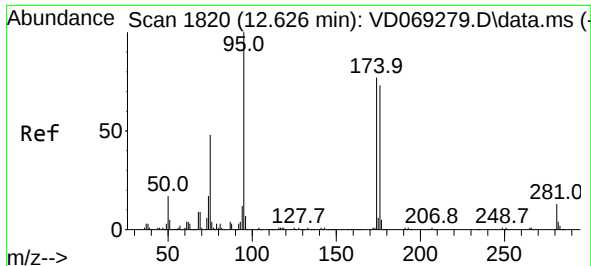


#50
Toluene-d8
Concen: 55.386 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36



Tgt Ion: 98 Resp: 728483
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1

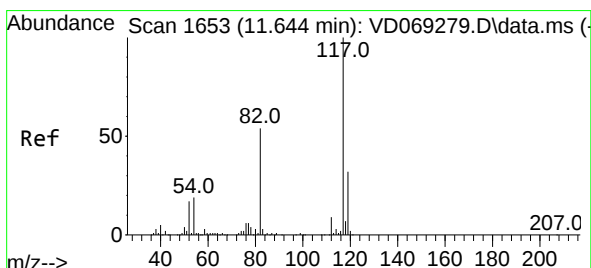
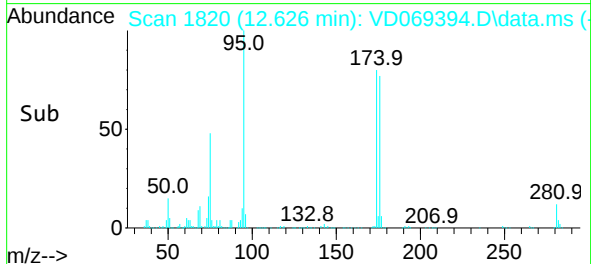
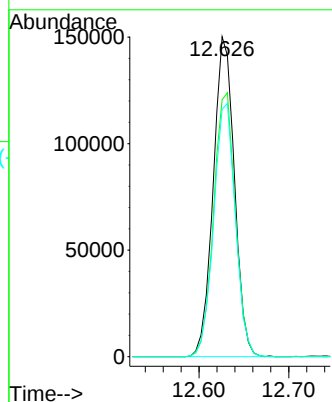
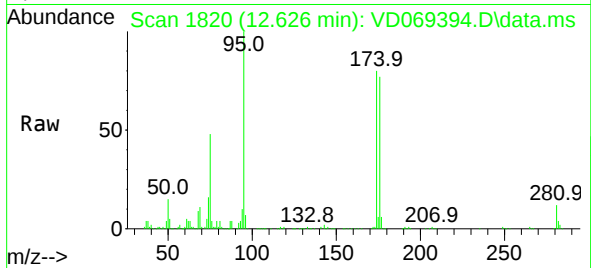




#62
4-Bromofluorobenzene
Concen: 56.995 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

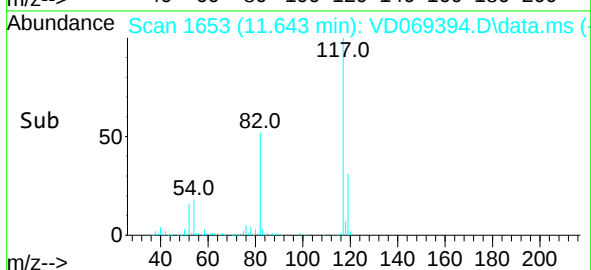
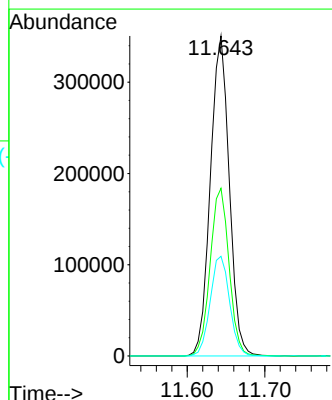
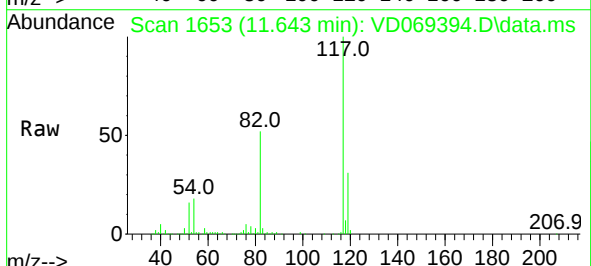
Instrument :
MSVOA_D
ClientSampleId :

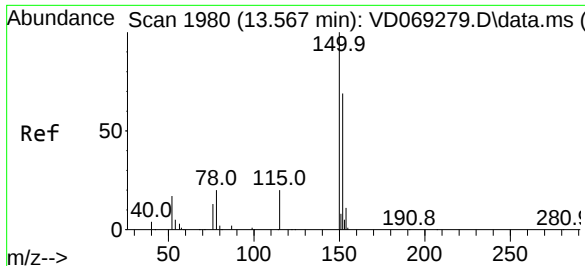
Tgt Ion:	95	Resp:	245641
Ion Ratio	Lower	Upper	
95	100		
174	84.7	0.0	162.8
176	81.1	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

Tgt Ion:	117	Resp:	592690
Ion Ratio	Lower	Upper	
117	100		
82	52.4	43.3	64.9
119	31.2	25.3	37.9

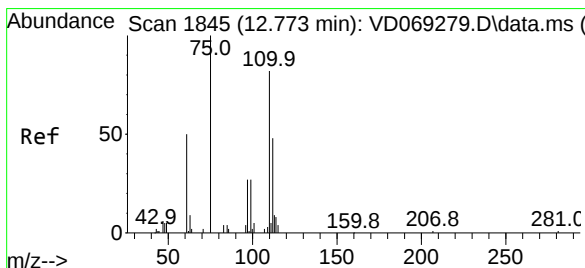
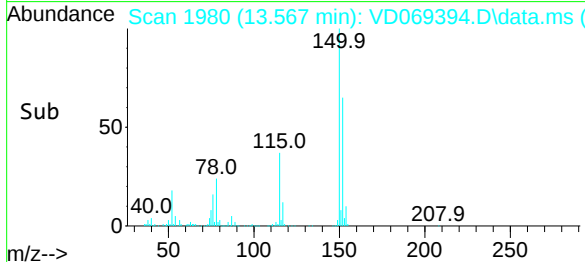
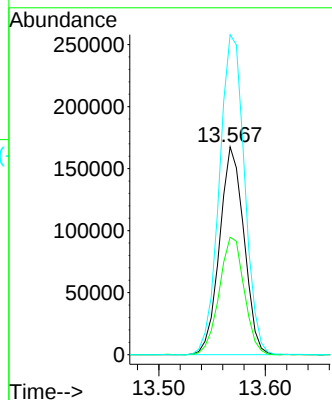
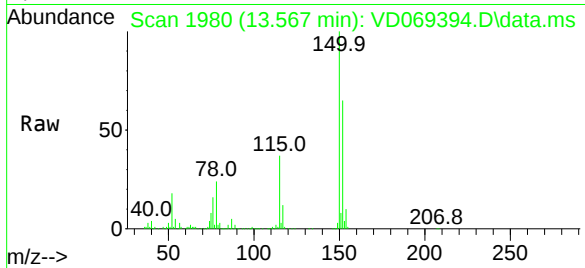




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

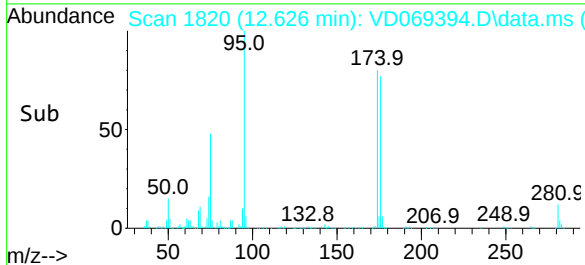
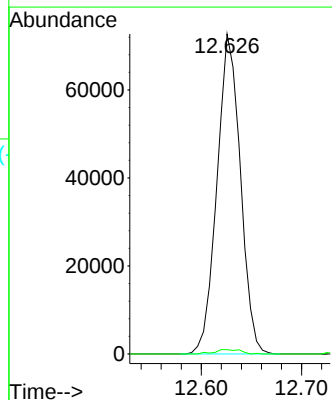
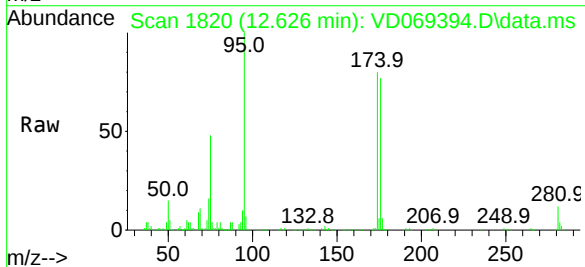
Instrument :
MSVOA_D
ClientSampleId :

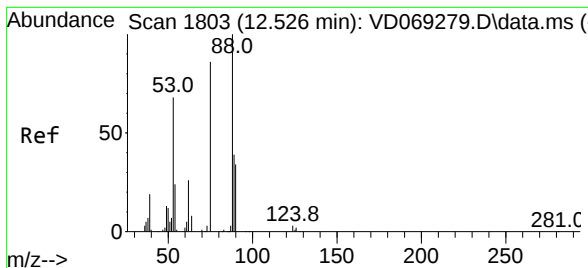
Tgt Ion:152 Resp: 265954
Ion Ratio Lower Upper
152 100
115 57.9 29.4 88.3
150 159.4 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 51.056 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

Tgt Ion: 75 Resp: 117976
Ion Ratio Lower Upper
75 100
77 1.5 183.8 551.2#

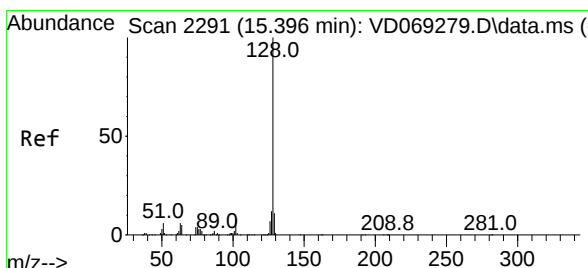
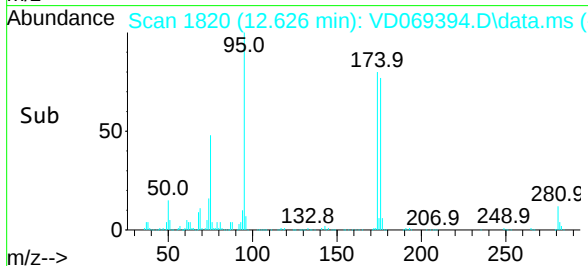
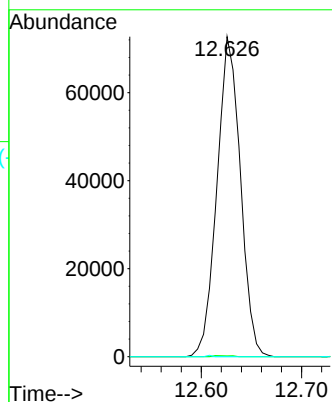
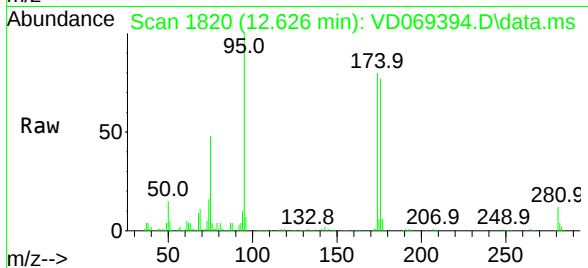




#81
trans-1,4-Dichloro-2-butene
Concen: 113.142 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 117976
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 0.1 35.6 53.4#



#95
Naphthalene
Concen: 3.393 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069394.D
Acq: 08 Jun 2021 18:36

Tgt Ion:128 Resp: 882
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

