

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069914.D
 Acq On : 29 Jul 2021 16:28
 Operator : VA/SY
 Sample : M3210-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 00:56:44 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)

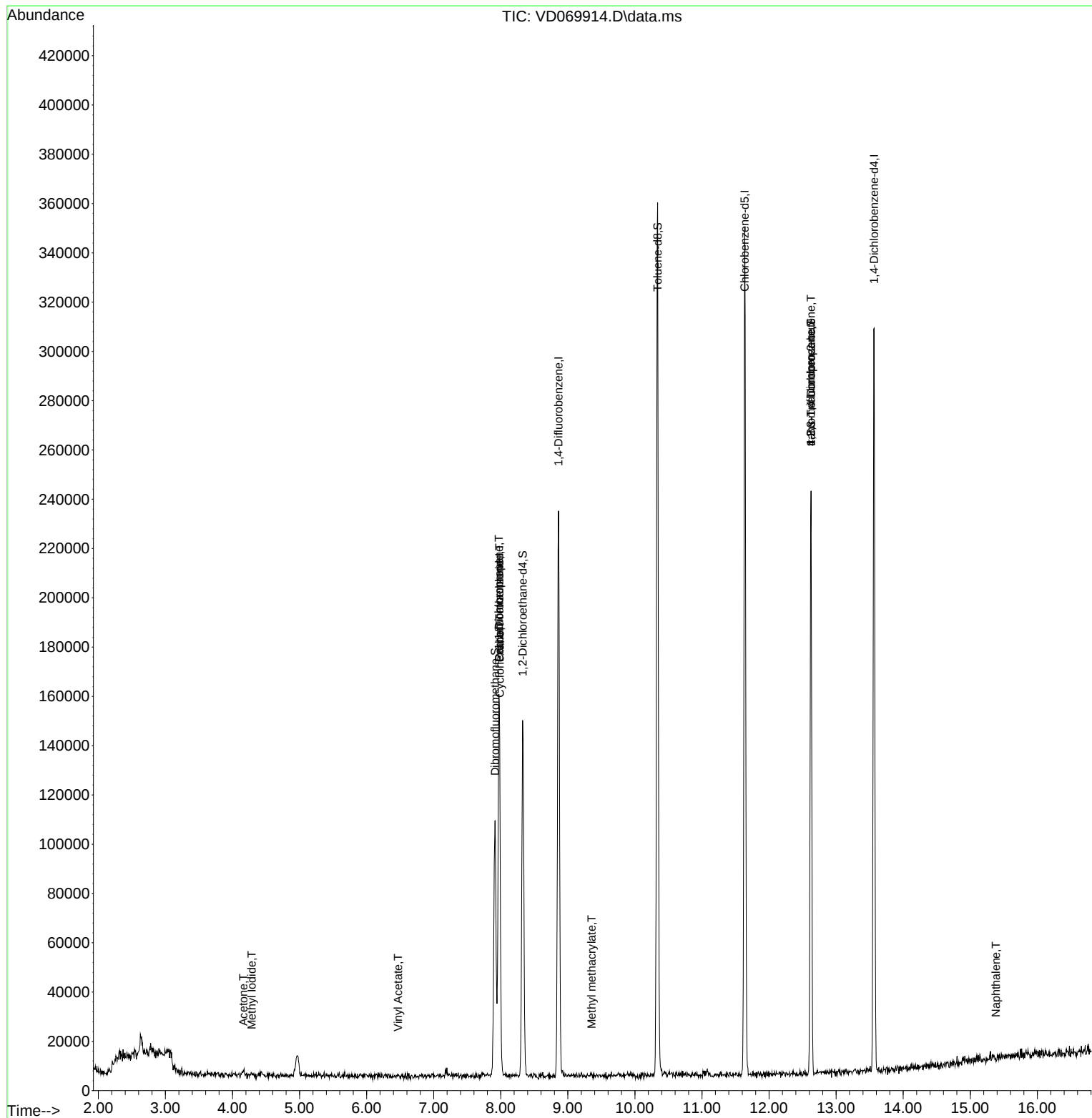
Internal Standards						
1) Pentafluorobenzene	7.979	168	106756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	197584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	206464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	85416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	107291	87.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 174.780%#	
35) Dibromofluoromethane	7.914	113	75514	60.626	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.260%	
50) Toluene-d8	10.338	98	250352	52.126	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	12.626	95	79712	49.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.320%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.285	142	914	4.104	ug/l #	58
16) Acetone	4.162	43	2351	10.600	ug/l	92
20) Methylene Chloride	4.979	84	7867	Below Cal		84
23) Vinyl Acetate	6.467	43	54	20.372	ug/l #	71
31) Cyclohexane	7.985	56	2652	1.105	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	10225	4.795	ug/l #	52
38) Carbon Tetrachloride	7.979	117	12180	6.254	ug/l #	18
48) Methyl methacrylate	9.355	41	209	3.013	ug/l #	13
76) 1,2,3-Trichloropropane	12.626	75	37994	41.848	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	37994	126.955	ug/l #	16
95) Naphthalene	15.384	128	205	5.065	ug/l #	69

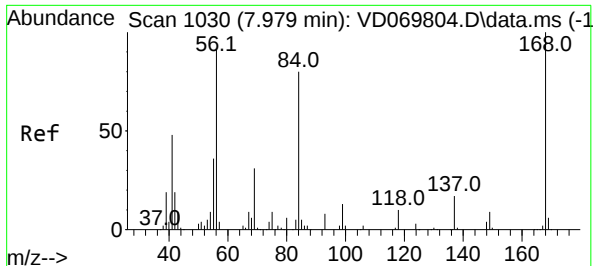
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
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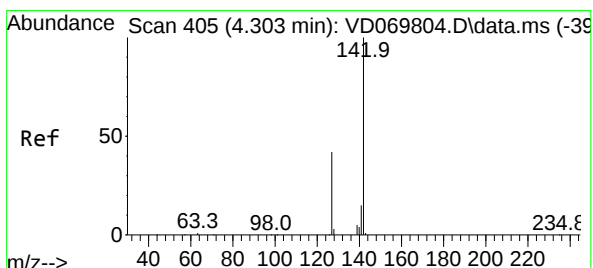
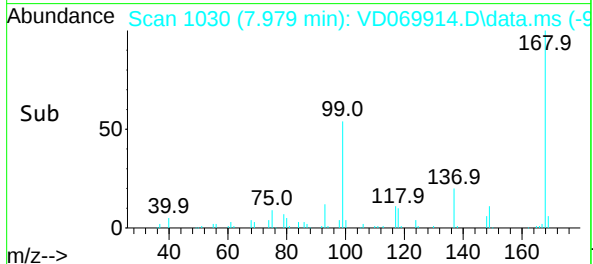
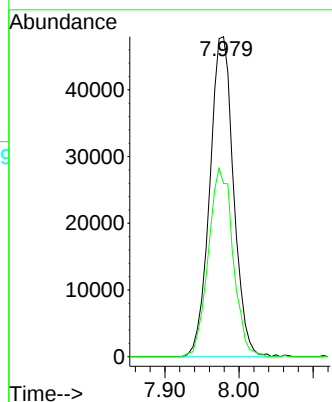
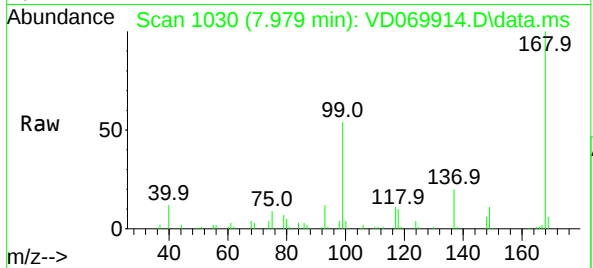




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069914.D
Acq: 29 Jul 2021 16:28

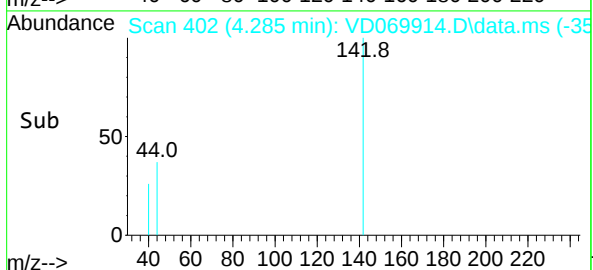
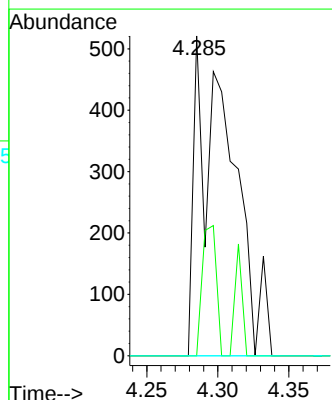
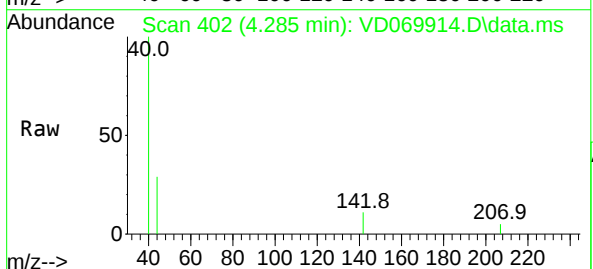
Instrument :
MSVOA_D
ClientSampleId :

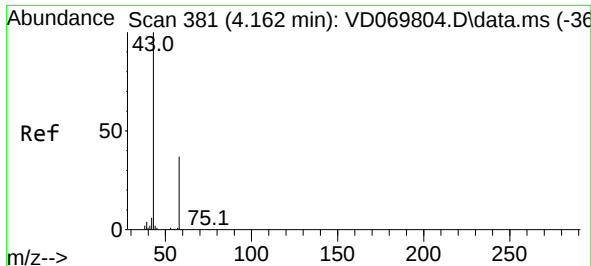
Tgt Ion:168 Resp: 106756
Ion Ratio Lower Upper
168 100
99 54.2 51.1 76.7



#10
Methyl Iodide
Concen: 4.104 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.018 min
Lab File: VD069914.D
Acq: 29 Jul 2021 16:28

Tgt Ion:142 Resp: 914
Ion Ratio Lower Upper
142 100
127 16.1 35.7 53.5#
141 0.0 12.0 18.0#

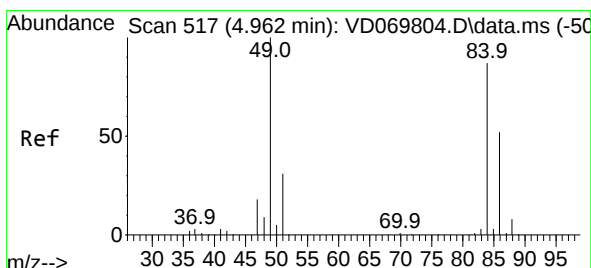
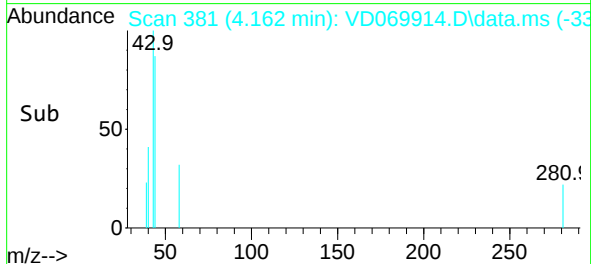
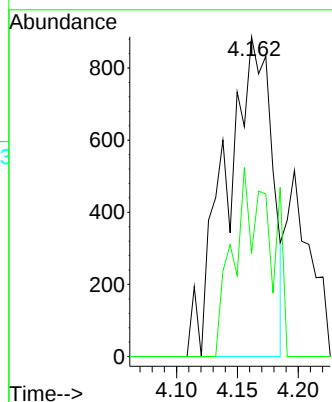
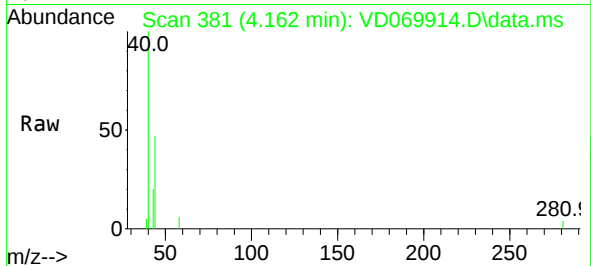




#16
Acetone
Concen: 10.600 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069914.D
Acq: 29 Jul 2021 16:28

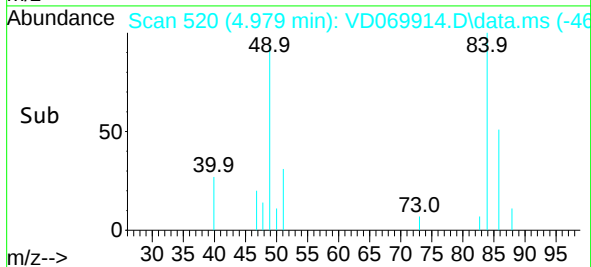
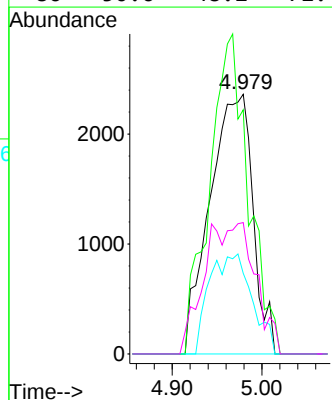
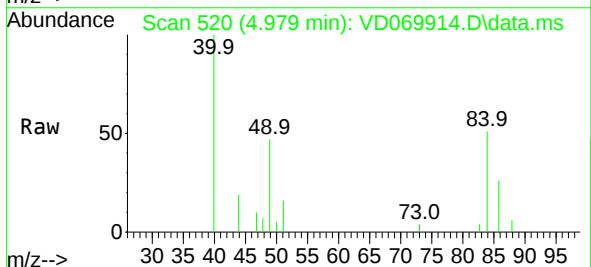
Instrument :
MSVOA_D
ClientSampled :

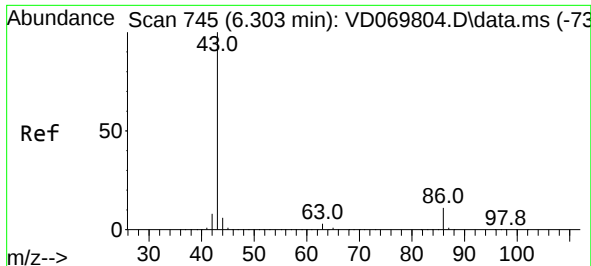
Tgt Ion: 43 Resp: 2351
Ion Ratio Lower Upper
43 100
58 32.2 29.4 44.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.017 min
Lab File: VD069914.D
Acq: 29 Jul 2021 16:28

Tgt Ion: 84 Resp: 7867
Ion Ratio Lower Upper
84 100
49 94.0 92.4 138.6
51 31.1 28.5 42.7
86 50.6 48.2 72.4

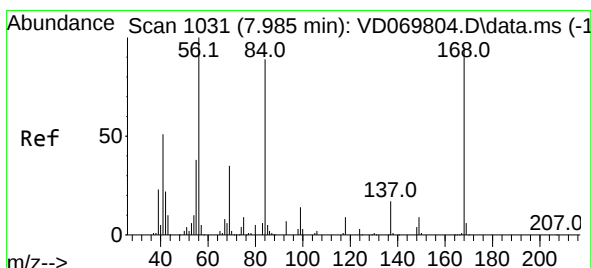
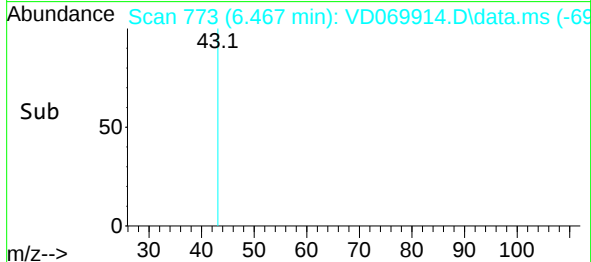
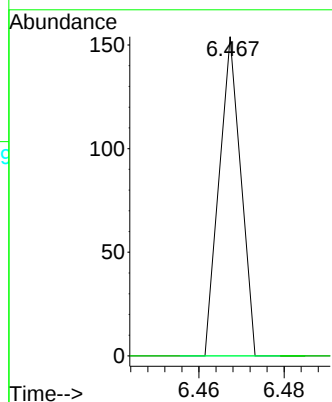
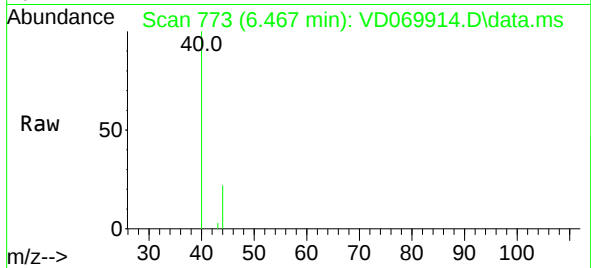




#23
 Vinyl Acetate
 Concen: 20.372 ug/l
 RT: 6.467 min Scan# 773
 Delta R.T. 0.164 min
 Lab File: VD069914.D
 Acq: 29 Jul 2021 16:28

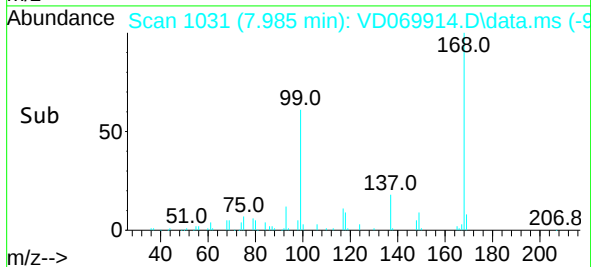
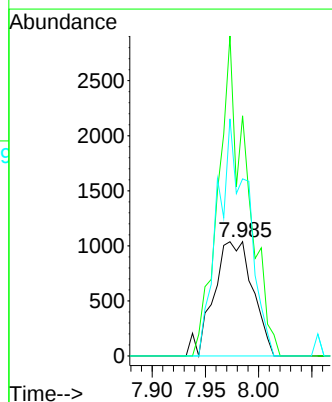
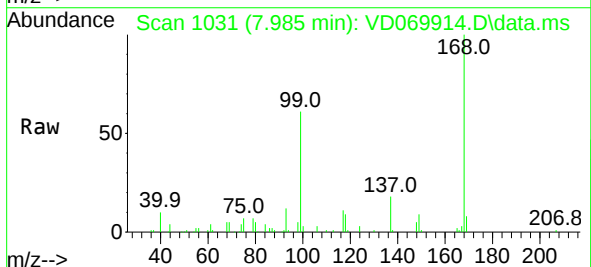
Instrument :
 MSVOA_D
 ClientSampleID :

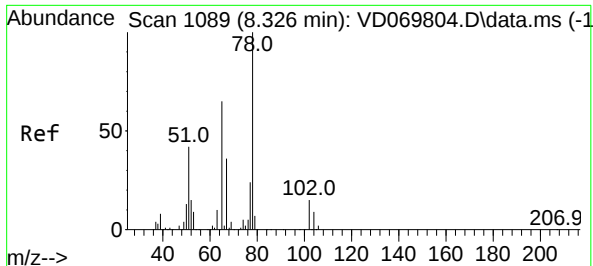
Tgt Ion: 43 Resp: 54
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 13.0#



#31
 Cyclohexane
 Concen: 1.105 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD069914.D
 Acq: 29 Jul 2021 16:28

Tgt Ion: 56 Resp: 2652
 Ion Ratio Lower Upper
 56 100
 69 210.1 27.9 41.9#
 84 154.9 71.4 107.2#

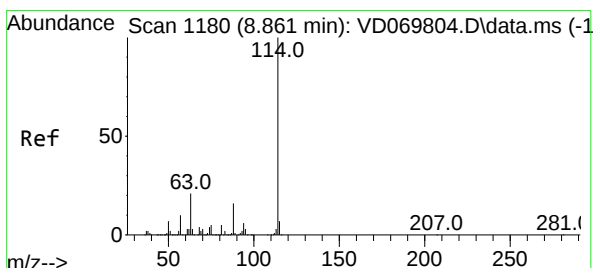
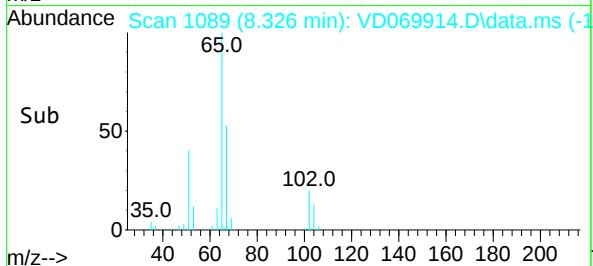
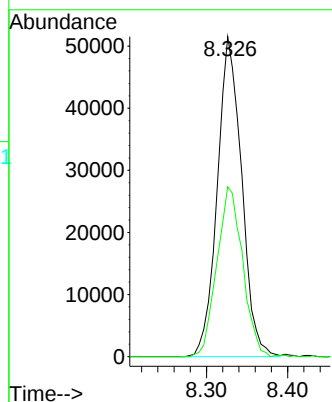
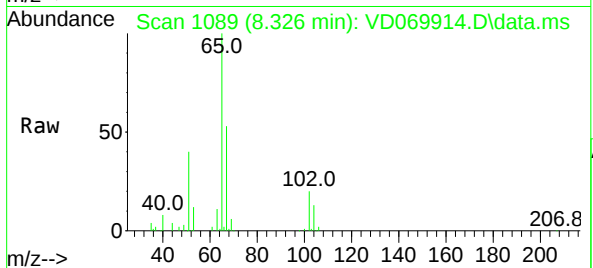




#33
1,2-Dichloroethane-d4
Concen: 87.385 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069914.D
Acq: 29 Jul 2021 16:28

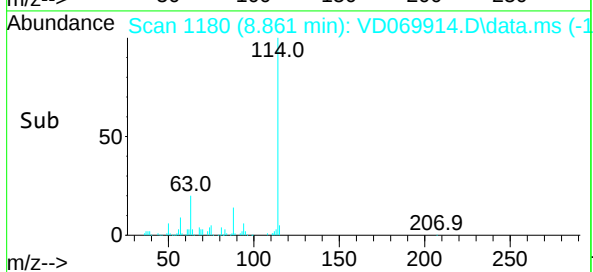
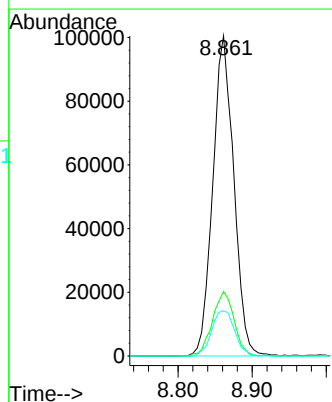
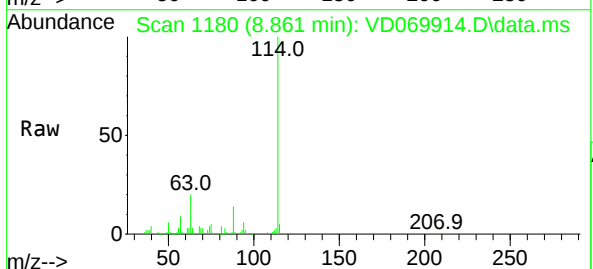
Instrument :
MSVOA_D
ClientSampled :

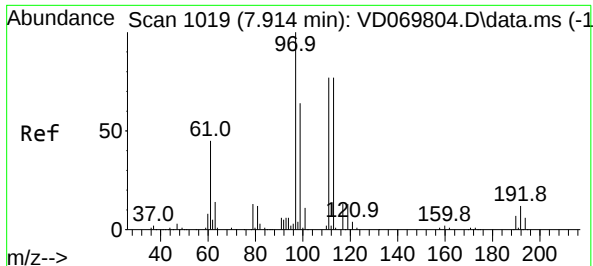
Tgt Ion: 65 Resp: 107291
Ion Ratio Lower Upper
65 100
67 56.1 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069914.D
Acq: 29 Jul 2021 16:28

Tgt Ion: 114 Resp: 197584
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 14.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 60.626 ug/l

RT: 7.914 min Scan# 1019

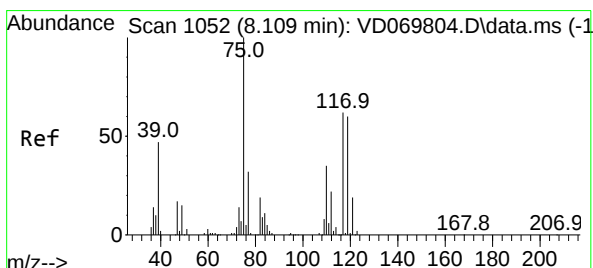
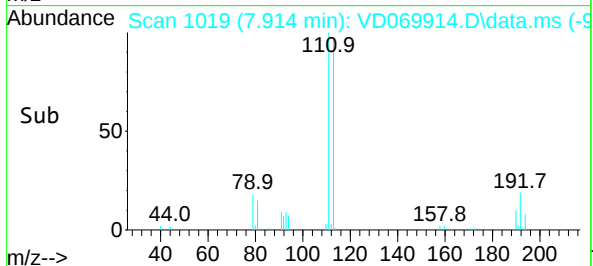
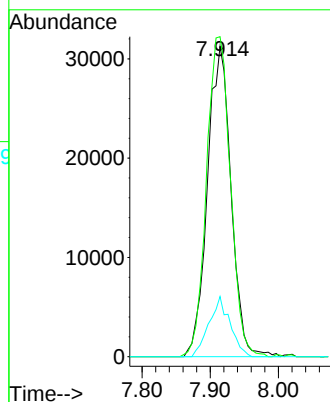
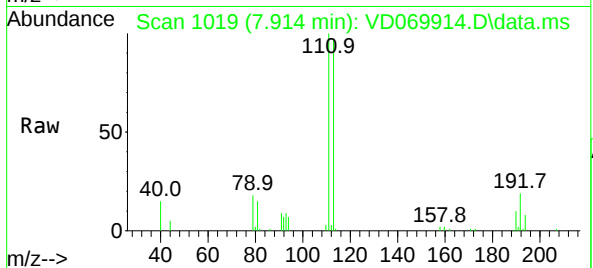
Delta R.T. -0.000 min

Lab File: VD069914.D

Acq: 29 Jul 2021 16:28

Tgt Ion:	113	Resp:	75514
Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.5	120.7
192	17.2	12.6	19.0

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.795 ug/l

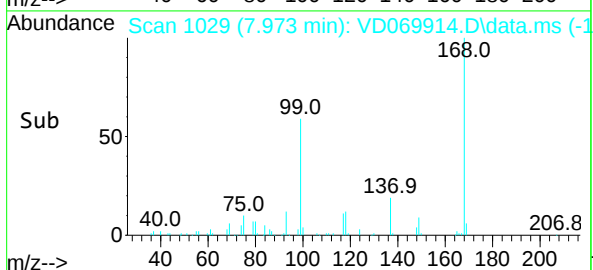
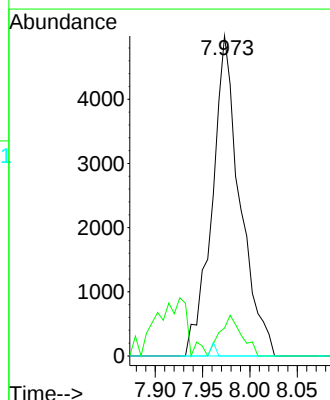
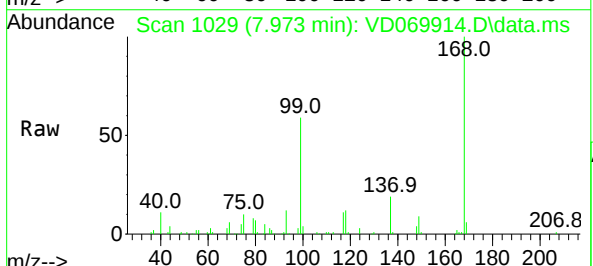
RT: 7.973 min Scan# 1029

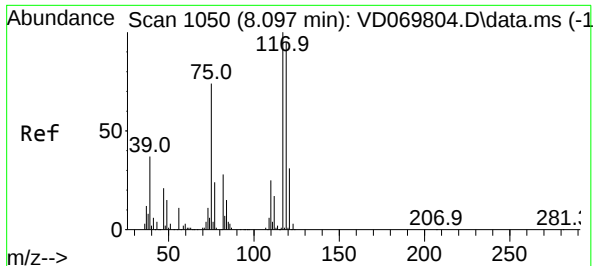
Delta R.T. -0.135 min

Lab File: VD069914.D

Acq: 29 Jul 2021 16:28

Tgt Ion:	75	Resp:	10225
Ion	Ratio	Lower	Upper
75	100		
110	9.9	16.9	50.7#
77	0.7	24.9	37.3#

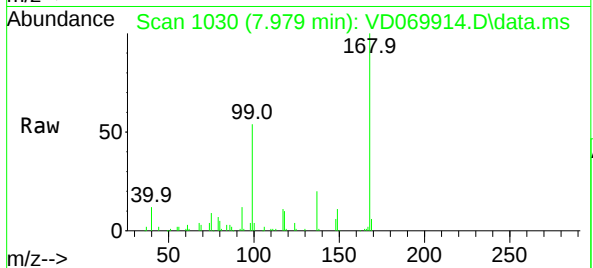




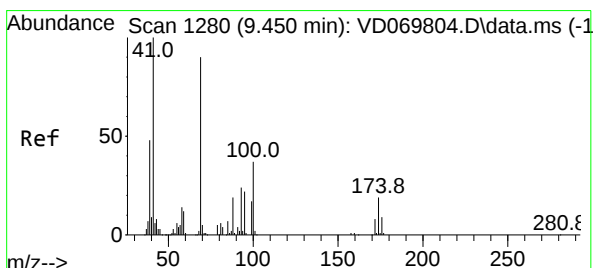
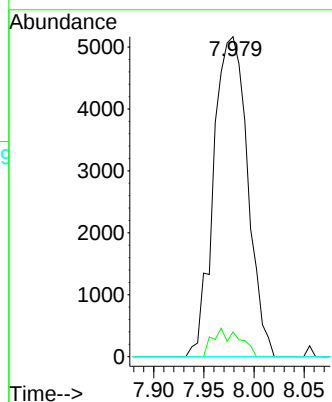
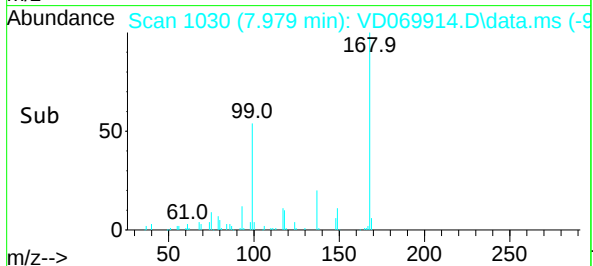
#38

Carbon Tetrachloride
Concen: 6.254 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069914.D
Acq: 29 Jul 2021 16:28

Instrument :
MSVOA_D
ClientSampled :

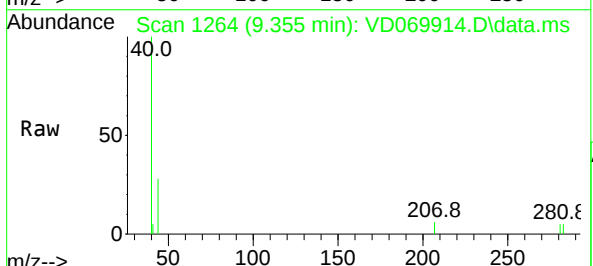


Tgt Ion:117 Resp: 12180
Ion Ratio Lower Upper
117 100
119 7.7 76.2 114.2#
121 0.0 24.5 36.7#

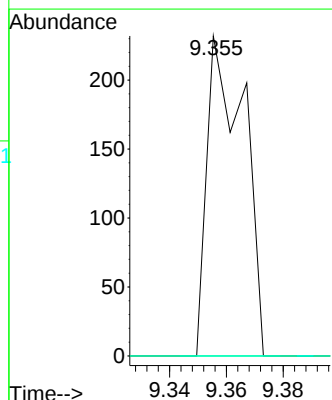
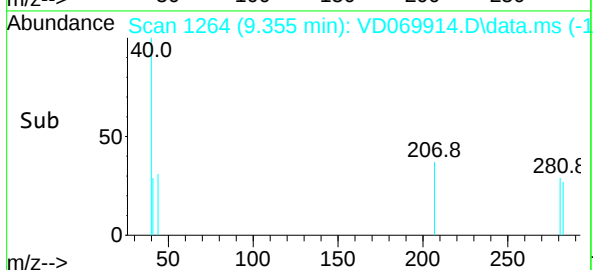


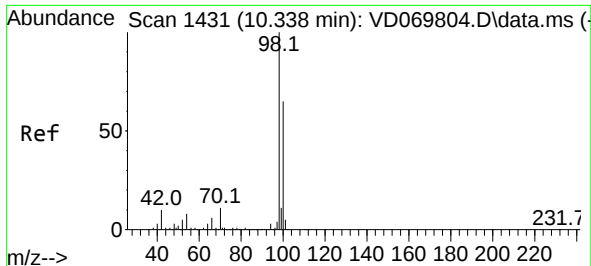
#48

Methyl methacrylate
Concen: 3.013 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.095 min
Lab File: VD069914.D
Acq: 29 Jul 2021 16:28



Tgt Ion: 41 Resp: 209
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#

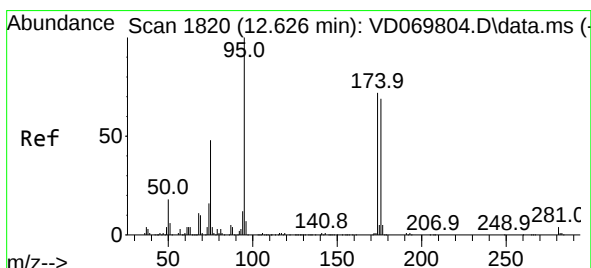
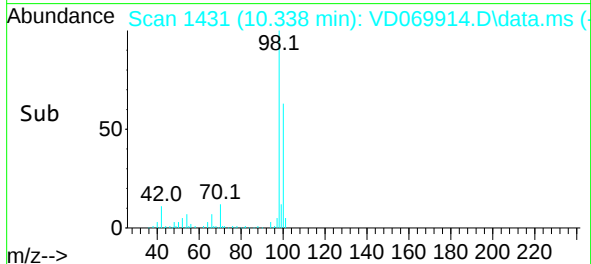
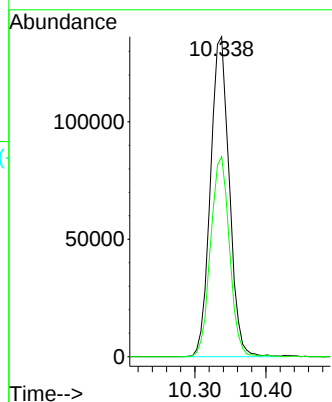
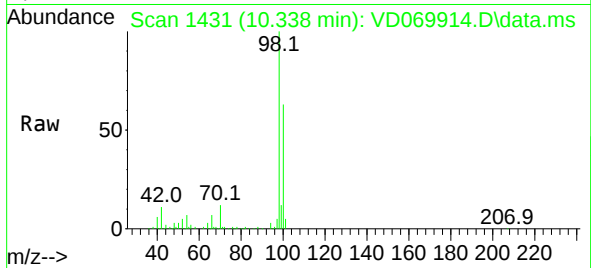




#50
Toluene-d8
Concen: 52.126 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069914.D
Acq: 29 Jul 2021 16:28

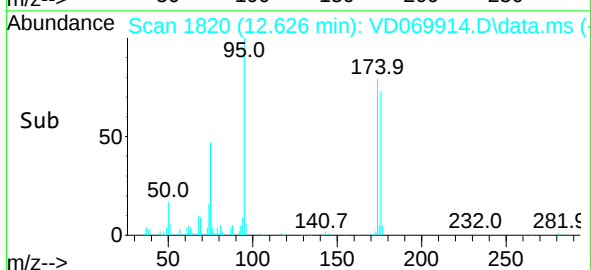
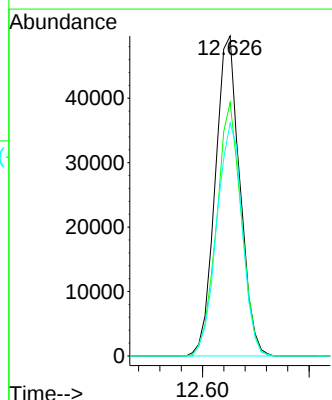
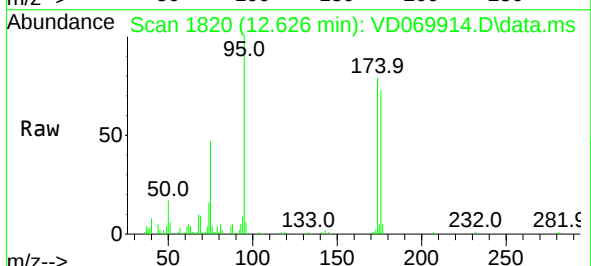
Instrument :
MSVOA_D
ClientSampleId :

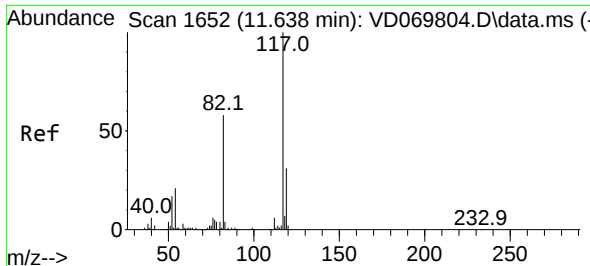
Tgt Ion: 98 Resp: 250352
Ion Ratio Lower Upper
98 100
100 62.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.661 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069914.D
Acq: 29 Jul 2021 16:28

Tgt Ion: 95 Resp: 79712
Ion Ratio Lower Upper
95 100
174 79.1 0.0 142.6
176 75.5 0.0 134.2

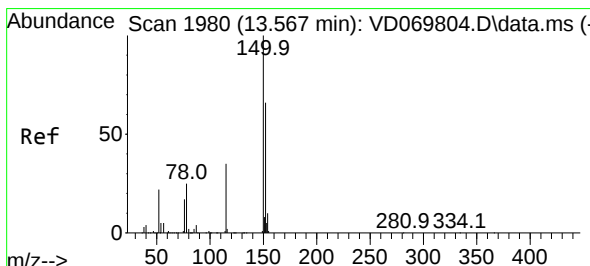
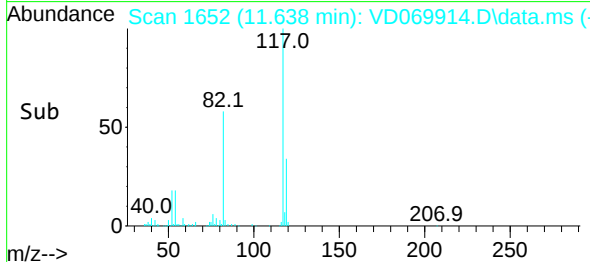
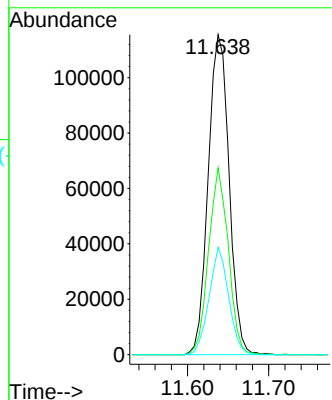
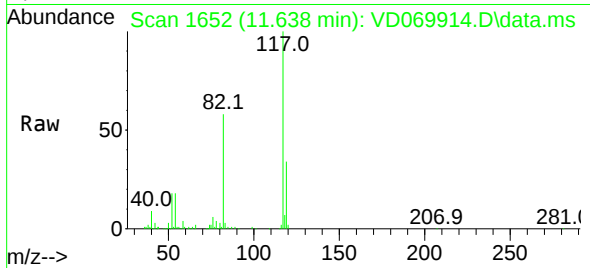




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069914.D
Acq: 29 Jul 2021 16:28

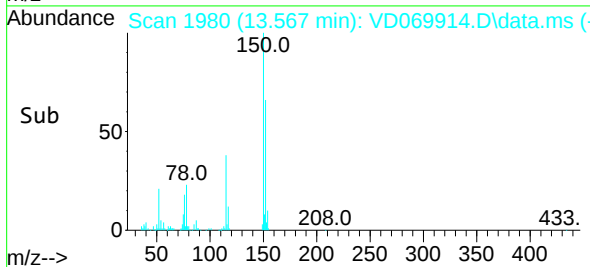
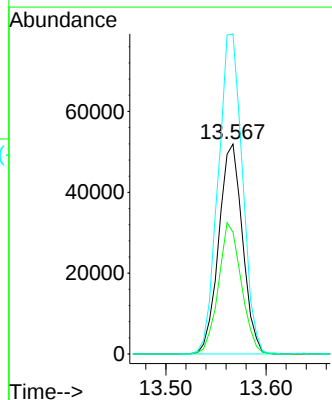
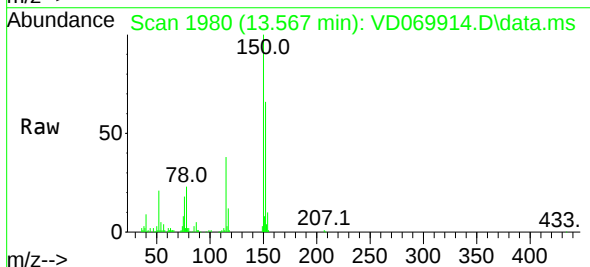
Instrument :
MSVOA_D
ClientSampleId :

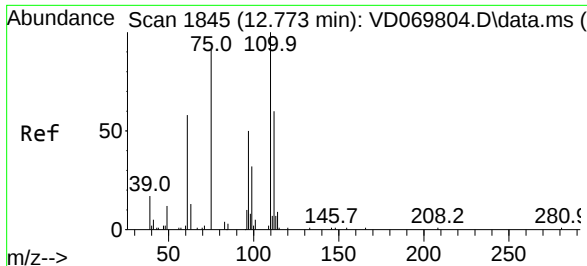
Tgt Ion:117 Resp: 206464
Ion Ratio Lower Upper
117 100
82 58.4 46.3 69.5
119 33.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069914.D
Acq: 29 Jul 2021 16:28

Tgt Ion:152 Resp: 85416
Ion Ratio Lower Upper
152 100
115 60.1 31.1 93.3
150 156.2 0.0 343.0

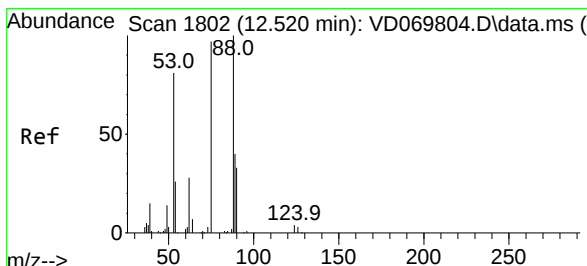
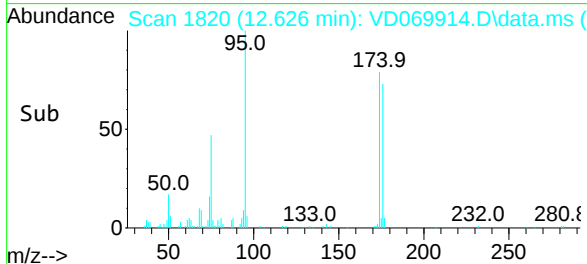
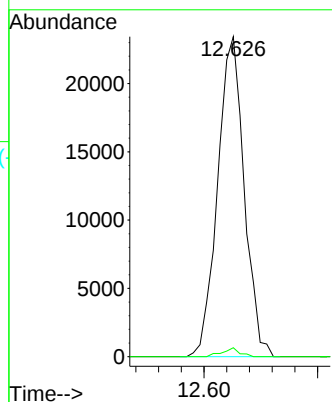
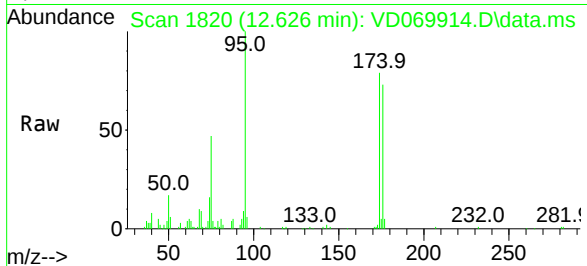




#76
1,2,3-Trichloropropane
Concen: 41.848 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069914.D
Acq: 29 Jul 2021 16:28

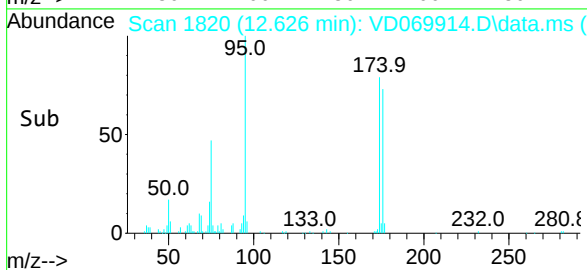
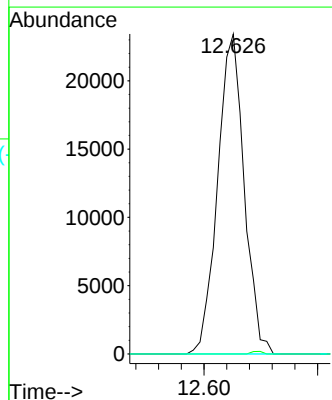
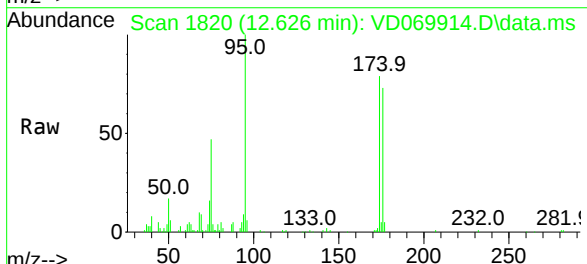
Instrument :
MSVOA_D
ClientSampled :

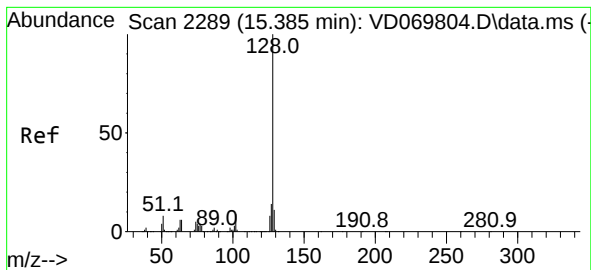
Tgt Ion: 75 Resp: 37994
Ion Ratio Lower Upper
75 100
77 1.8 181.5 544.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.955 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069914.D
Acq: 29 Jul 2021 16:28

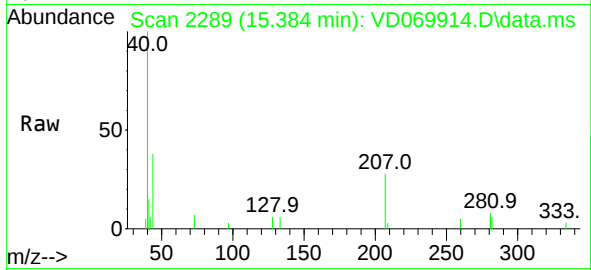
Tgt Ion: 75 Resp: 37994
Ion Ratio Lower Upper
75 100
53 0.0 67.2 100.8#
89 0.0 35.8 53.6#





#95
 Naphthalene
 Concen: 5.065 ug/l
 RT: 15.384 min Scan# 2289
 Delta R.T. -0.001 min
 Lab File: VD069914.D
 Acq: 29 Jul 2021 16:28

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:128 Resp: 205
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 16.0#
 129 0.0 8.6 12.8#

