

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069354.D
 Acq On : 04 Jun 2021 19:09
 Operator : VA/SY
 Sample : M2612-07
 Misc : 8.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(30-34)

Quant Time: Jun 05 00:37:36 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)

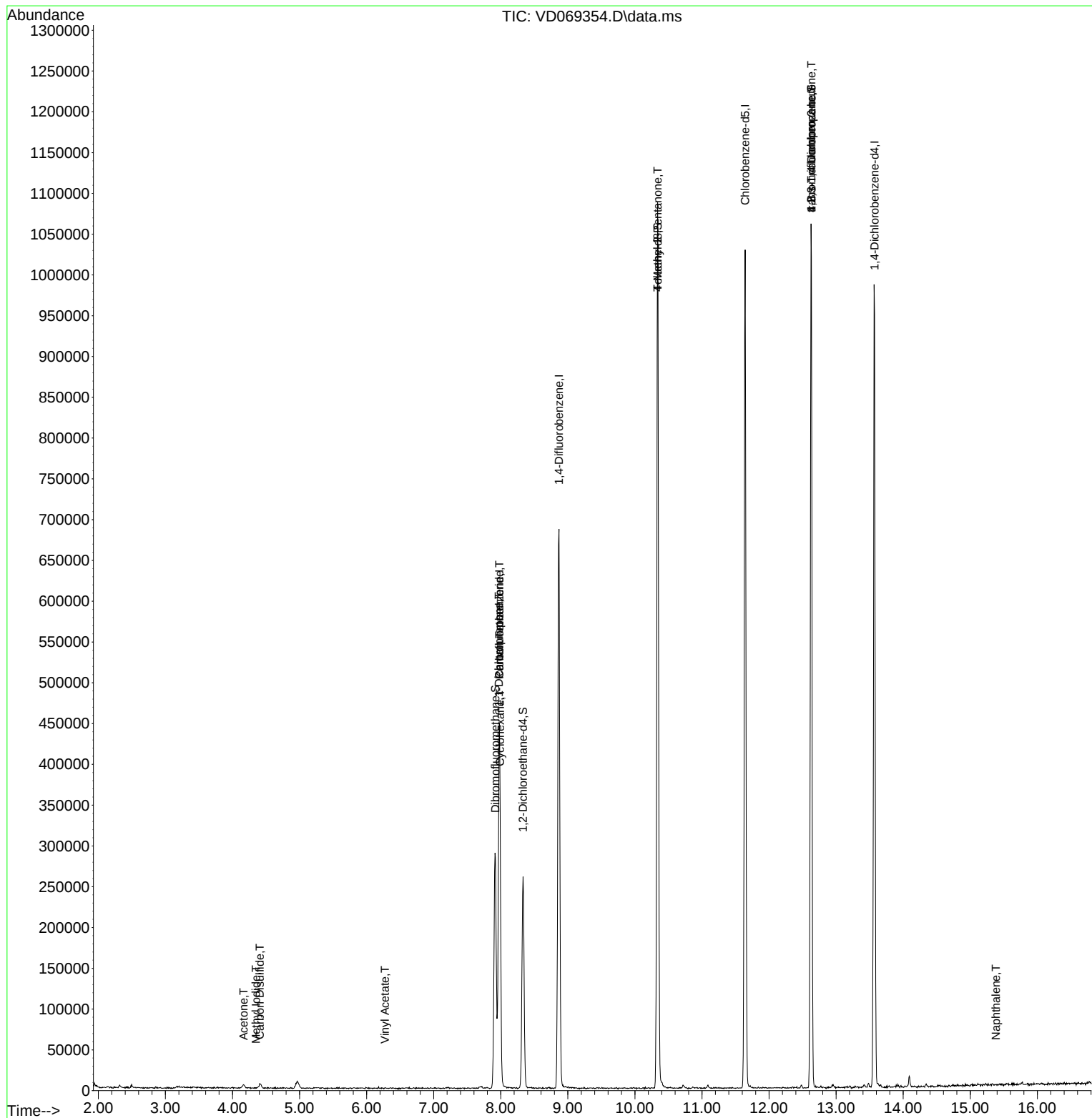
Internal Standards						
1) Pentafluorobenzene	7.979	168	342944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	618810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	628607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	275418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	208579	63.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.780%	
35) Dibromofluoromethane	7.920	113	213196	54.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.720%	
50) Toluene-d8	10.337	98	760762	53.837	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.680%	
62) 4-Bromofluorobenzene	12.631	95	258679	55.867	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.740%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.350	142	54	2.524	ug/l #	39
11) Tert butyl alcohol	5.214	59	307	Below Cal	#	73
16) Acetone	4.167	43	6690	11.650	ug/l #	82
17) Carbon Disulfide	4.408	76	11384	1.001	ug/l #	94
20) Methylene Chloride	4.973	84	7135	Below Cal	#	76
23) Vinyl Acetate	6.273	43	125	11.635	ug/l #	67
31) Cyclohexane	7.991	56	7157	1.369	ug/l #	36
36) 1,1-Dichloropropene	7.973	75	25846	4.297	ug/l #	49
38) Carbon Tetrachloride	7.979	117	34843	5.365	ug/l #	14
51) 4-Methyl-2-Pentanone	10.337	43	2540	1.323	ug/l #	1
76) 1,2,3-Trichloropropane	12.631	75	129169	53.980	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.631	75	129169	119.619	ug/l #	18
95) Naphthalene	15.384	128	144	3.316	ug/l #	69

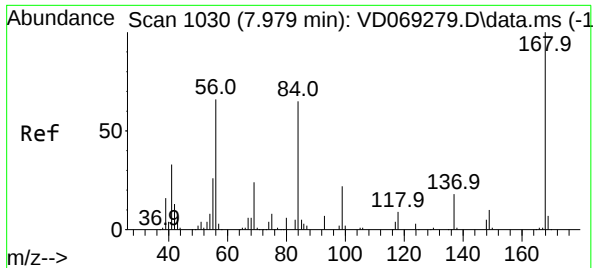
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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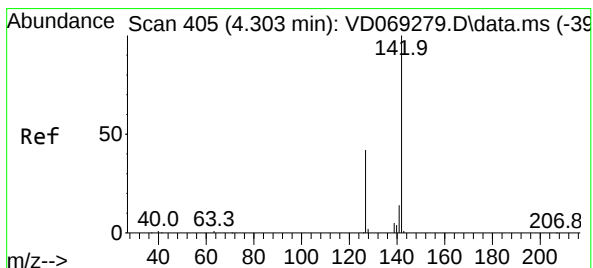
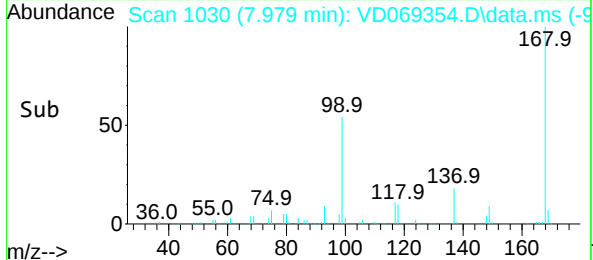
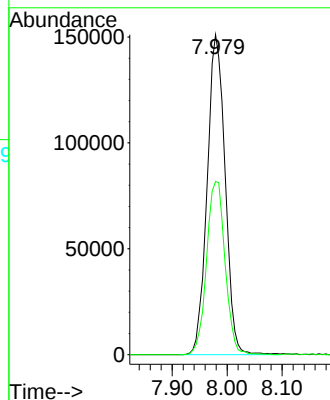
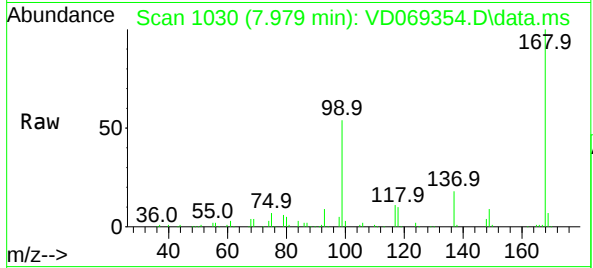




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

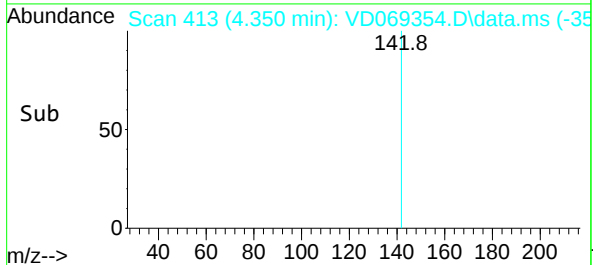
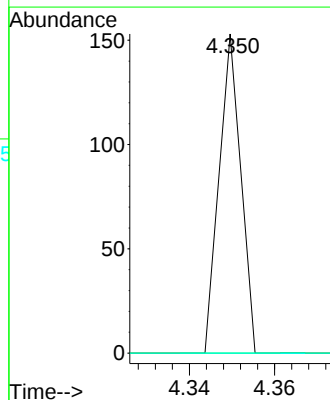
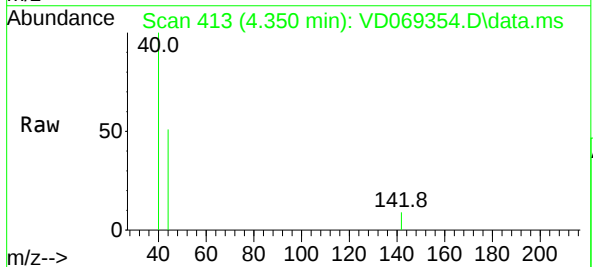
Instrument :
MSVOA_D
ClientSampleId :
18-B12(30-34)

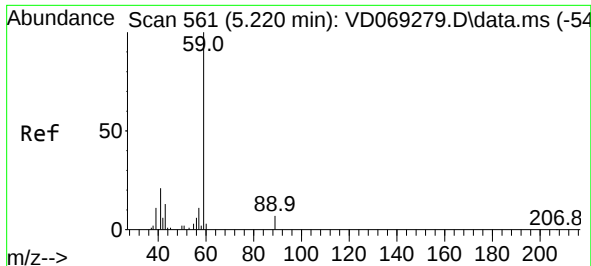
Tgt Ion:168 Resp: 342944
Ion Ratio Lower Upper
168 100
99 54.1 46.2 69.2



#10
Methyl Iodide
Concen: 2.524 ug/l
RT: 4.350 min Scan# 413
Delta R.T. 0.047 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



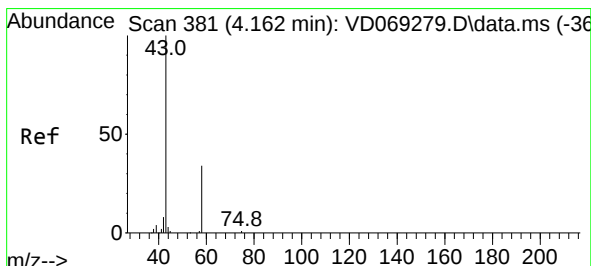
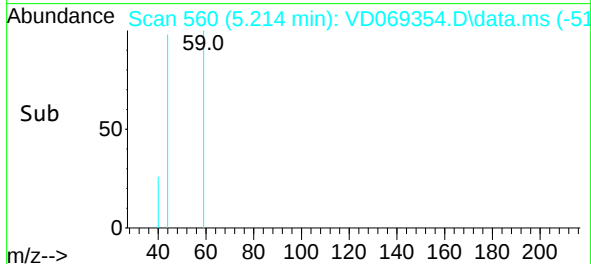
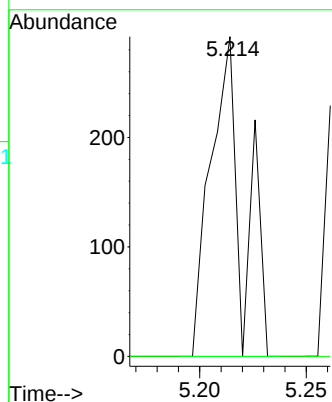
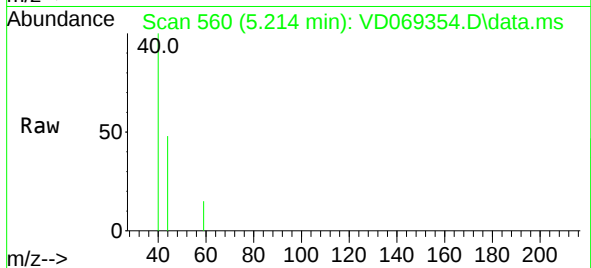


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

Instrument :
MSVOA_D
ClientSampleId :
18-B12(30-34)

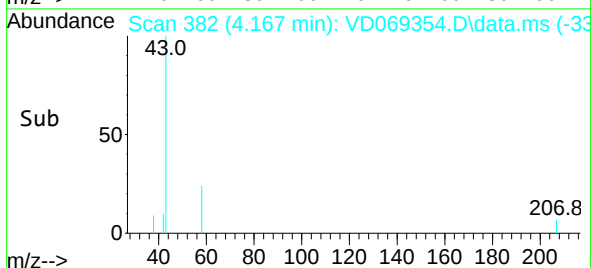
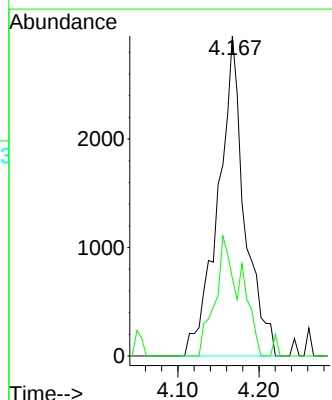
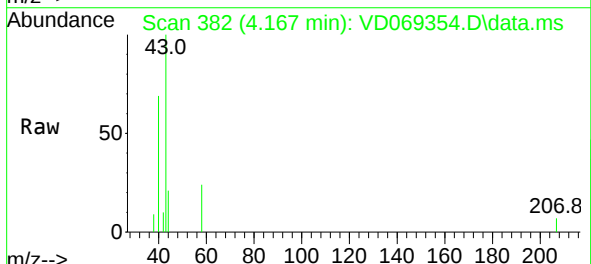
Tgt Ion: 59 Resp: 307
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

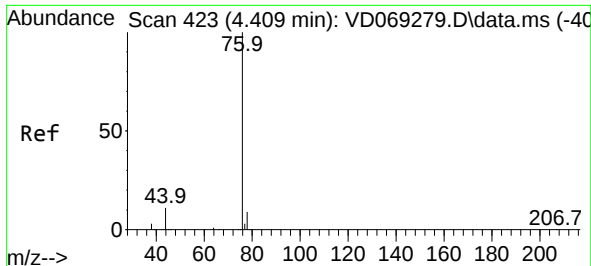


#16

Acetone
Concen: 11.650 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

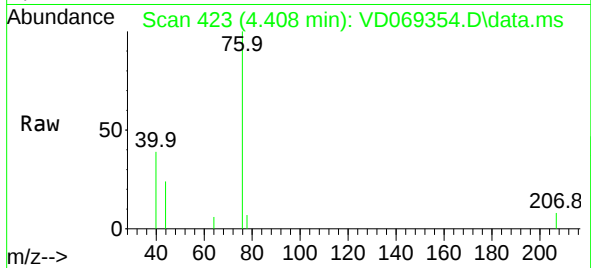
Tgt Ion: 43 Resp: 6690
Ion Ratio Lower Upper
43 100
58 24.3 27.5 41.3#



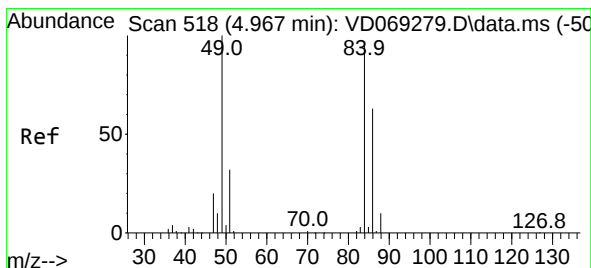
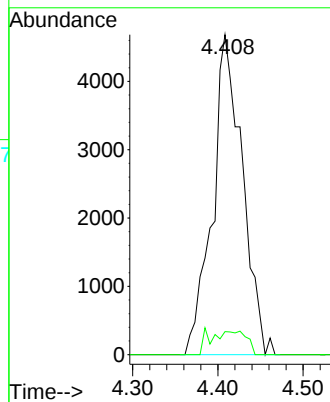
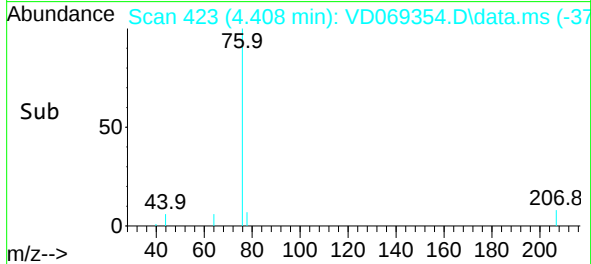


#17
Carbon Disulfide
Concen: 1.001 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

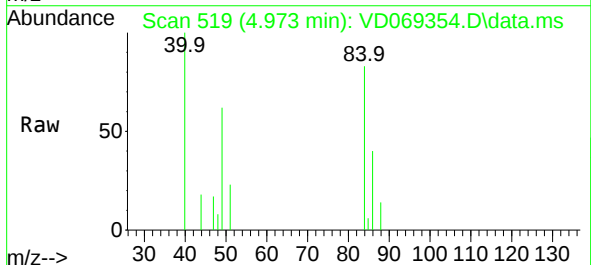
Instrument :
MSVOA_D
ClientSampleId :
18-B12(30-34)



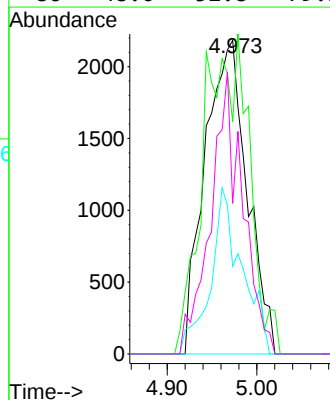
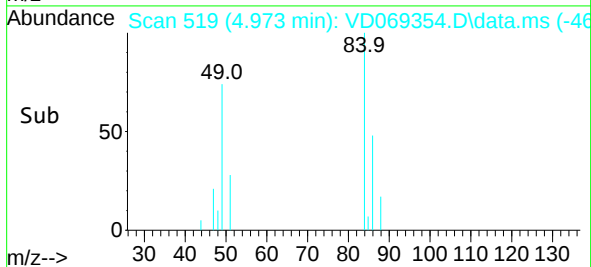
Tgt Ion: 76 Resp: 11384
Ion Ratio Lower Upper
76 100
78 7.2 7.4 11.0#

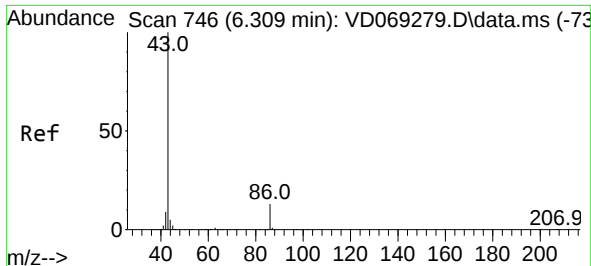


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09



Tgt Ion: 84 Resp: 7135
Ion Ratio Lower Upper
84 100
49 74.1 83.7 125.5#
51 27.9 26.4 39.6
86 48.0 52.8 79.2#

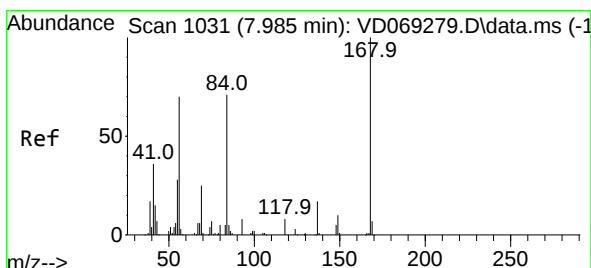
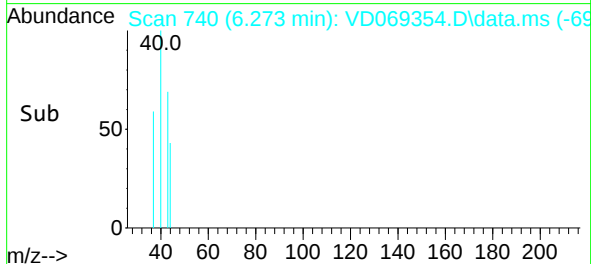
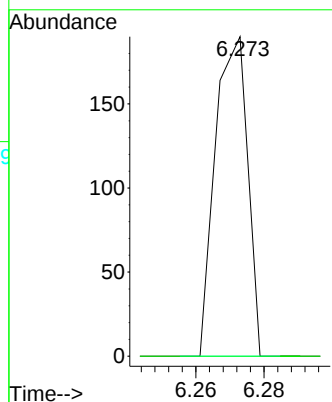
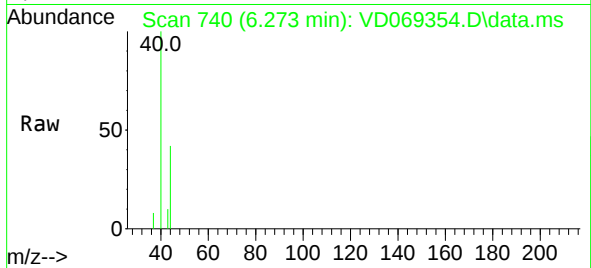




#23
 Vinyl Acetate
 Concen: 11.635 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. -0.036 min
 Lab File: VD069354.D
 Acq: 04 Jun 2021 19:09

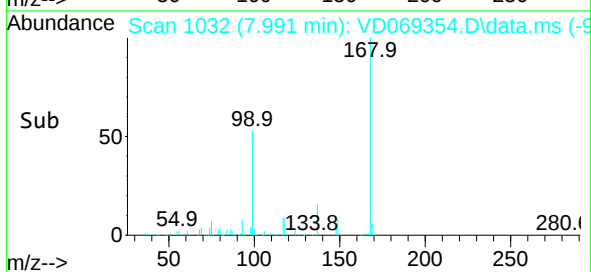
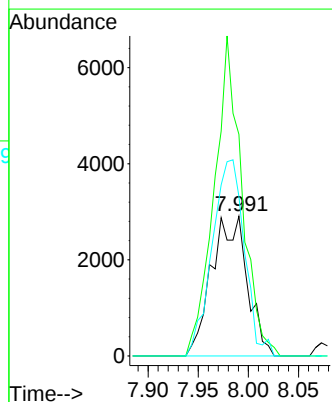
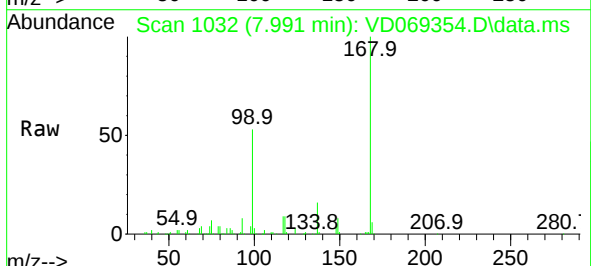
Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(30-34)

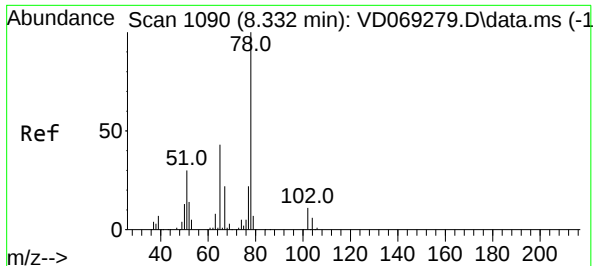
Tgt Ion: 43 Resp: 125
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.369 ug/l
 RT: 7.991 min Scan# 1032
 Delta R.T. 0.006 min
 Lab File: VD069354.D
 Acq: 04 Jun 2021 19:09

Tgt Ion: 56 Resp: 7157
 Ion Ratio Lower Upper
 56 100
 69 158.7 29.0 43.4#
 84 114.2 81.1 121.7



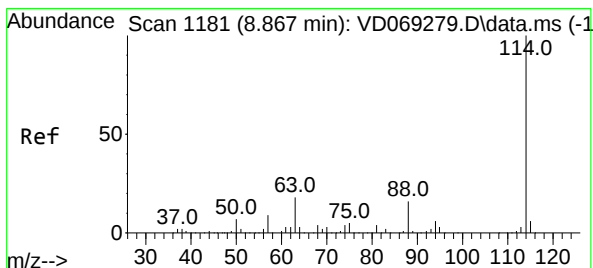
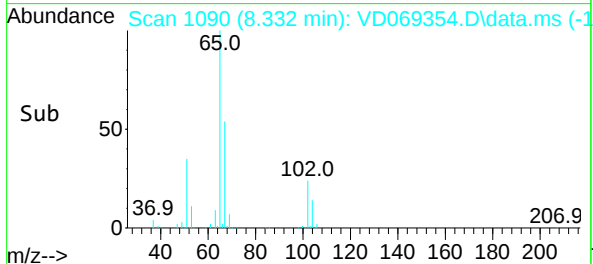
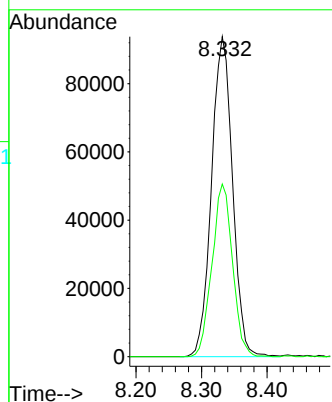
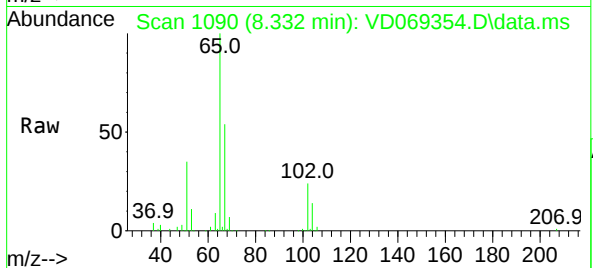


#33

1,2-Dichloroethane-d4
Concen: 63.386 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

Instrument :
MSVOA_D
ClientSampleId :
18-B12(30-34)

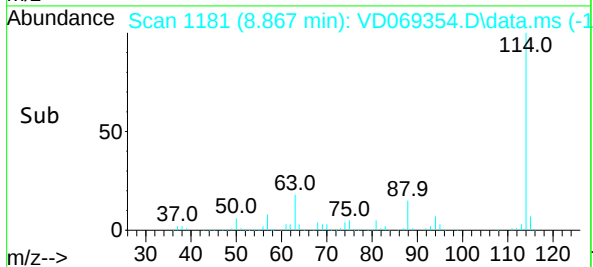
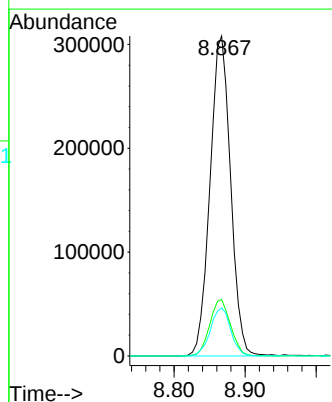
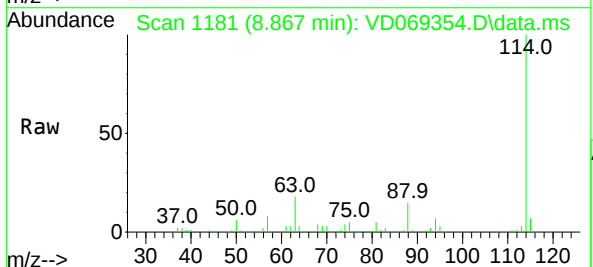
Tgt Ion: 65 Resp: 208579
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8

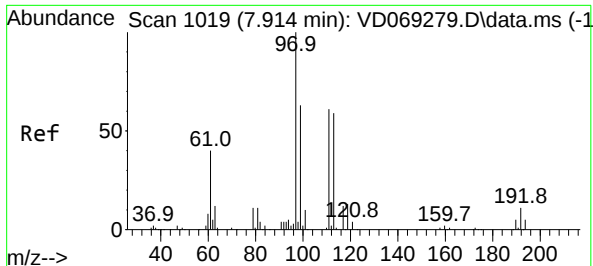


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

Tgt Ion: 114 Resp: 618810
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.6
88 15.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 54.863 ug/l

RT: 7.920 min Scan# 1020

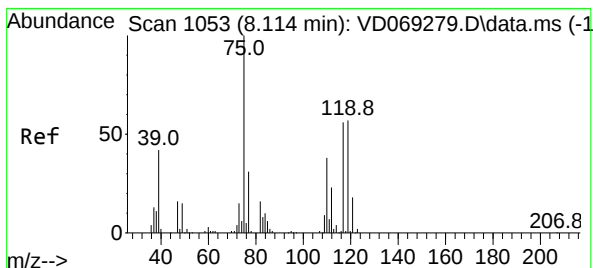
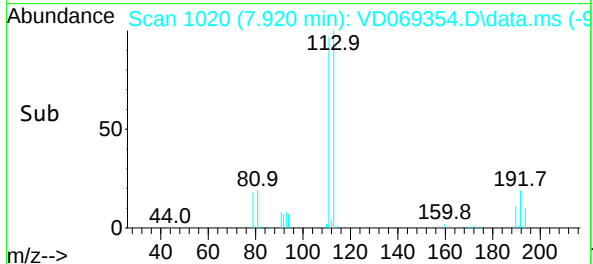
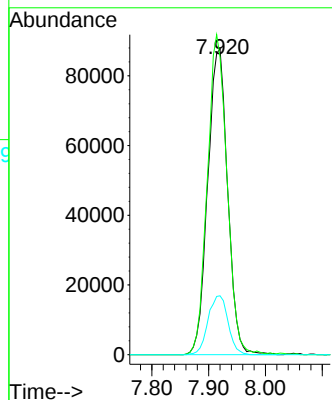
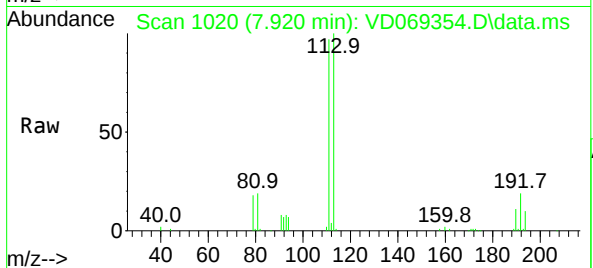
Delta R.T. 0.006 min

Lab File: VD069354.D

Acq: 04 Jun 2021 19:09

Tgt Ion:	113	Resp:	213196
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.0	124.6
192	19.3	15.1	22.7

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18-B12(30-34)



#36

1,1-Dichloropropene

Concen: 4.297 ug/l

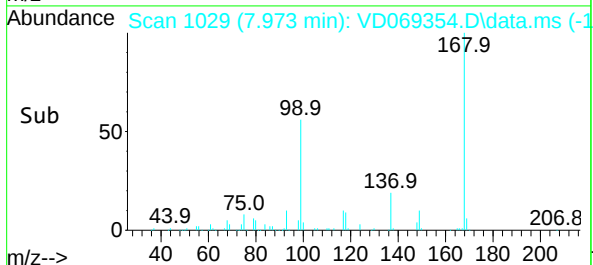
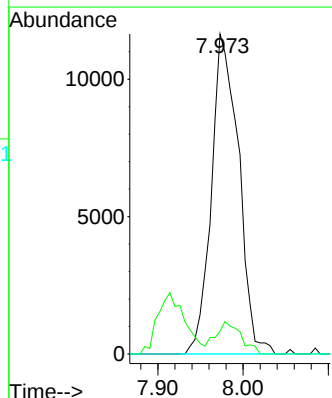
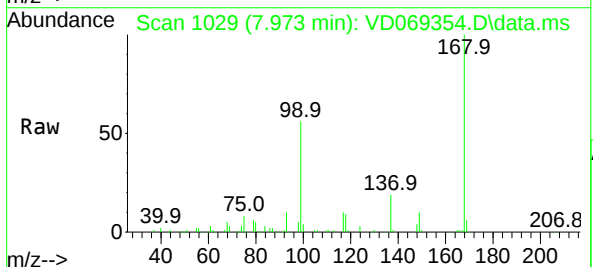
RT: 7.973 min Scan# 1029

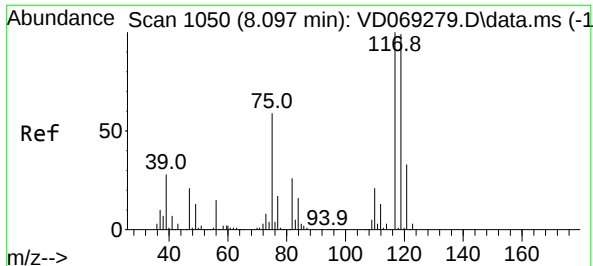
Delta R.T. -0.141 min

Lab File: VD069354.D

Acq: 04 Jun 2021 19:09

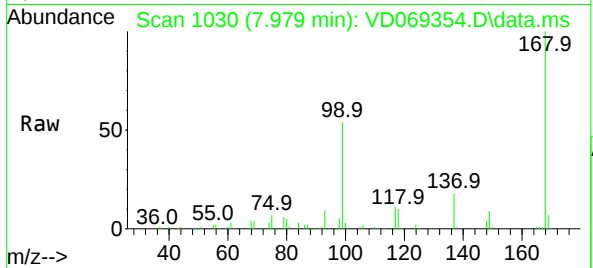
Tgt Ion:	75	Resp:	25846
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.4	55.2#
77	0.0	24.9	37.3#



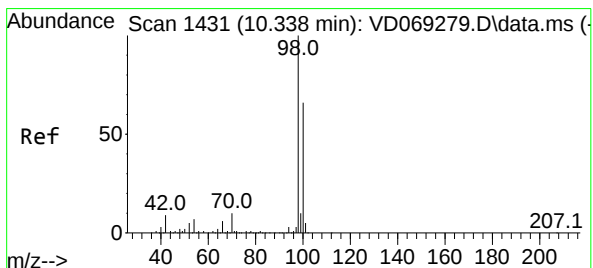
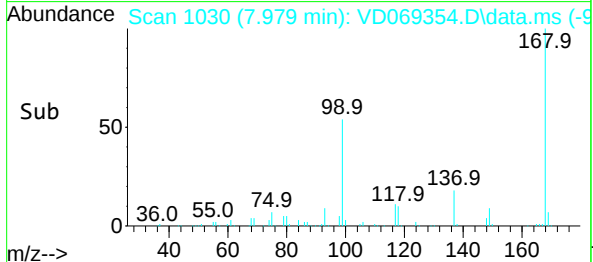
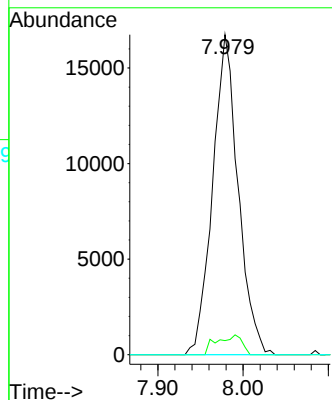


#38
Carbon Tetrachloride
Concen: 5.365 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

Instrument :
MSVOA_D
ClientSampleId :
18-B12(30-34)

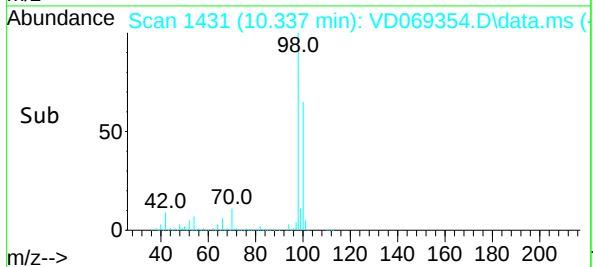
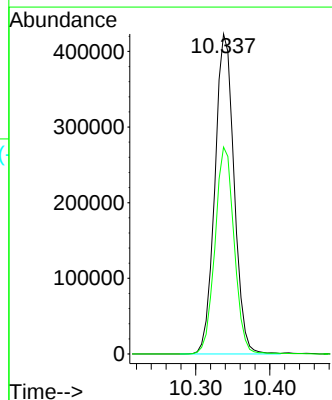
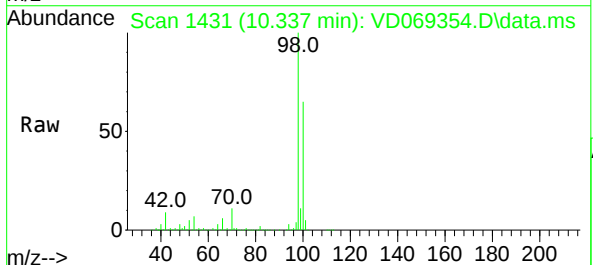


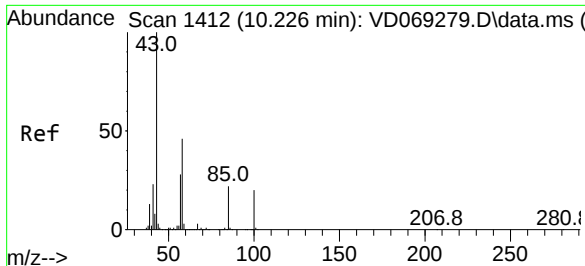
Tgt Ion:117 Resp: 34843
Ion Ratio Lower Upper
117 100
119 4.4 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 53.837 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

Tgt Ion: 98 Resp: 760762
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1

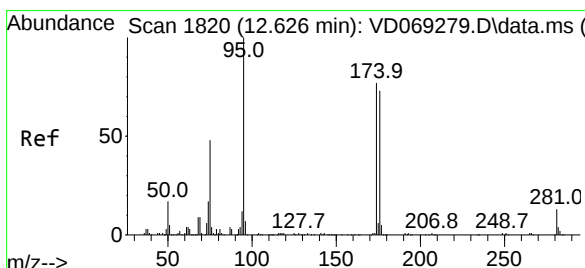
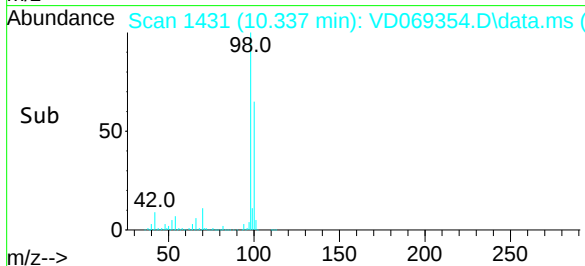
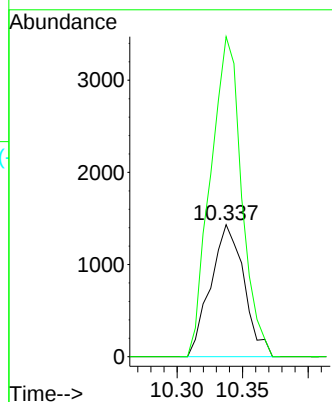
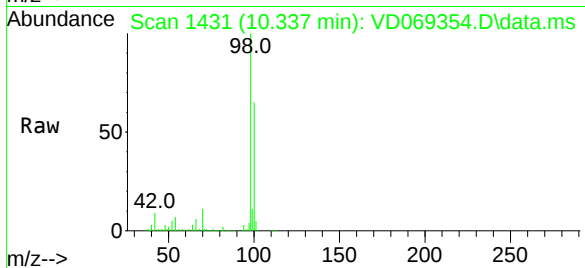




#51
4-Methyl-2-Pentanone
Concen: 1.323 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.111 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

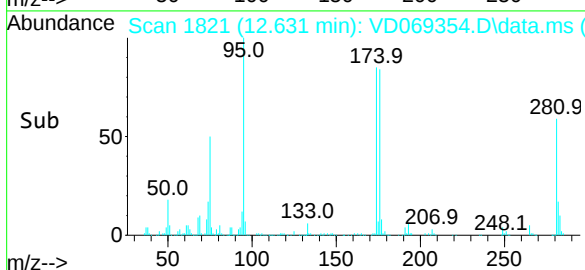
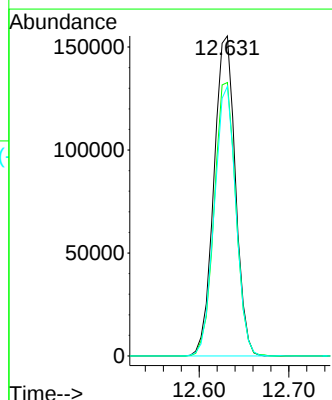
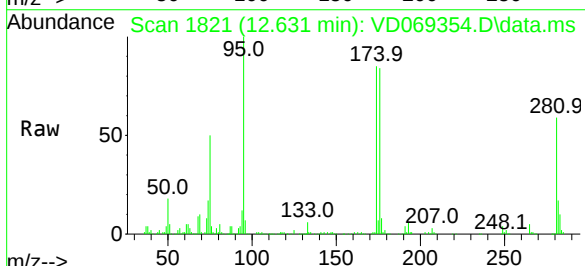
Instrument :
MSVOA_D
ClientSampleId :
18-B12(30-34)

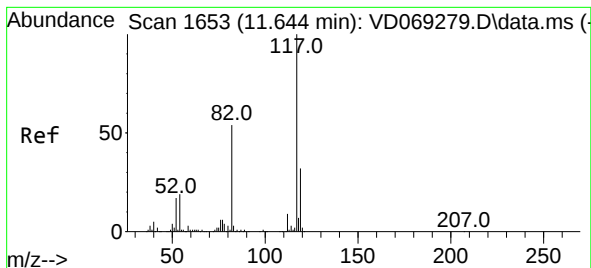
Tgt Ion: 43 Resp: 2540
Ion Ratio Lower Upper
43 100
58 226.1 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 55.867 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

Tgt Ion: 95 Resp: 258679
Ion Ratio Lower Upper
95 100
174 85.7 0.0 162.8
176 83.9 0.0 154.4

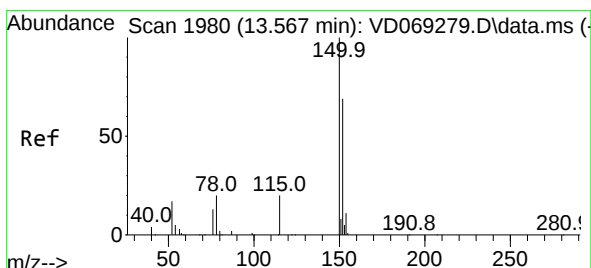
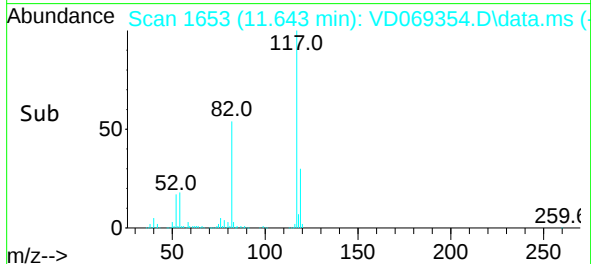
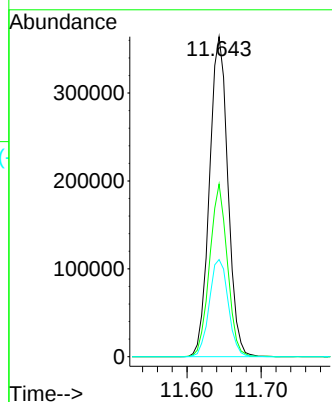
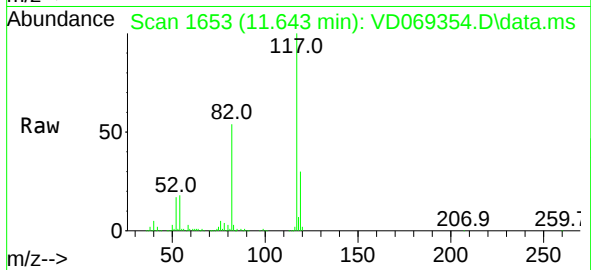




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

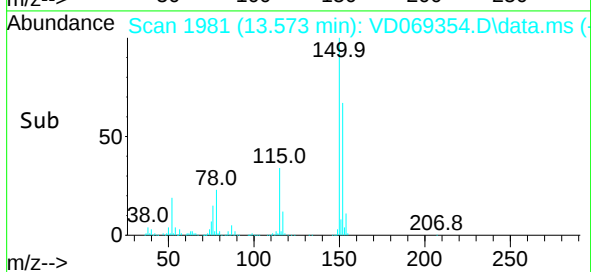
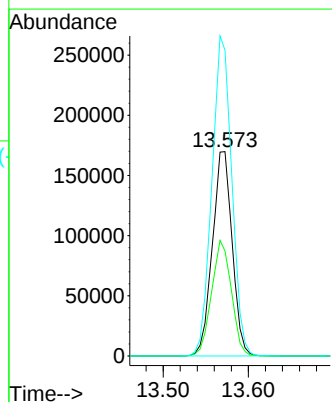
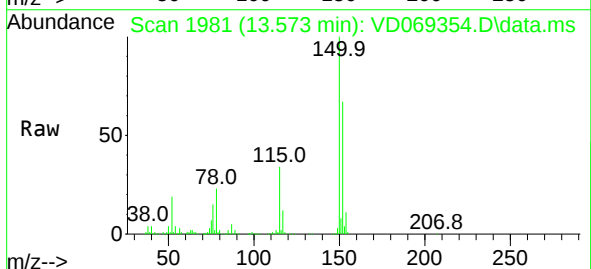
Instrument :
MSVOA_D
ClientSampleId :
18-B12(30-34)

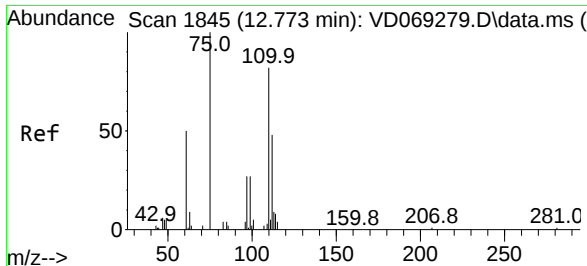
Tgt Ion:	117	Resp:	628607
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.3	64.9
119	30.4	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

Tgt Ion:	152	Resp:	275418
Ion	Ratio	Lower	Upper
152	100		
115	56.3	29.4	88.3
150	157.0	0.0	355.0

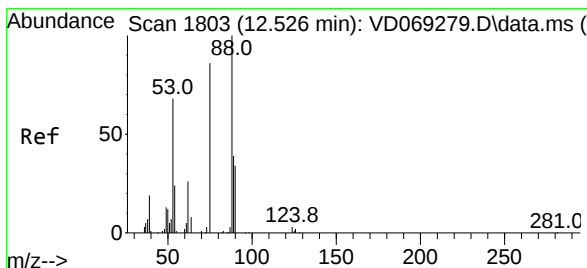
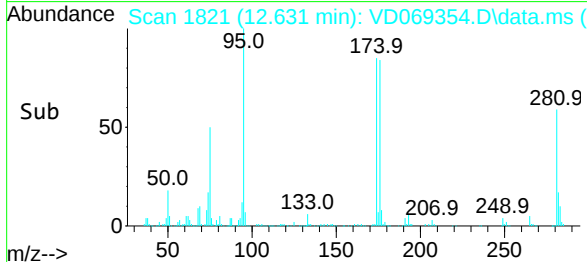
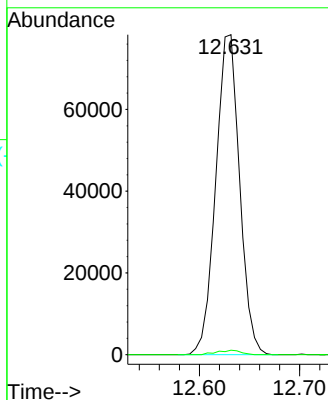
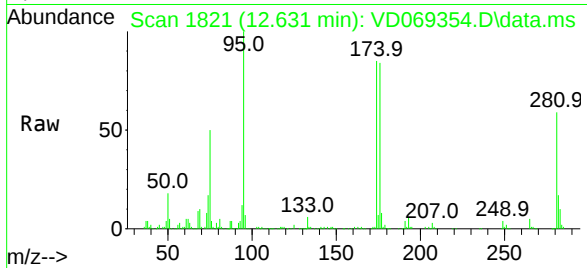




#76
1,2,3-Trichloropropane
Concen: 53.980 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.141 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

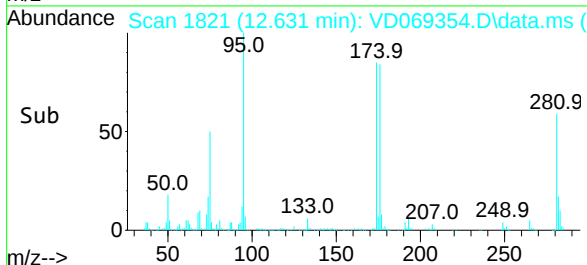
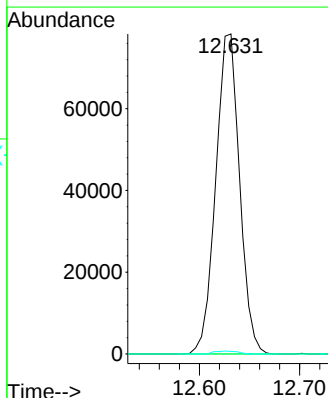
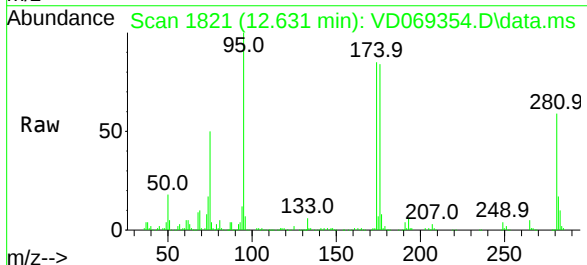
Instrument :
MSVOA_D
ClientSampleId :
18-B12(30-34)

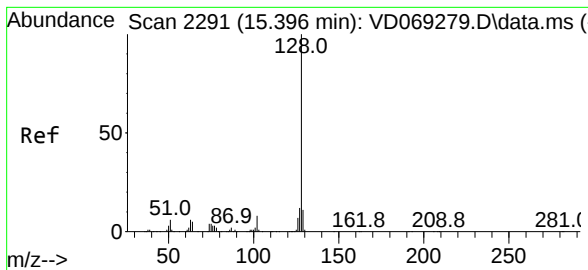
Tgt Ion: 75 Resp: 129169
Ion Ratio Lower Upper
75 100
77 1.4 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.619 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

Tgt Ion: 75 Resp: 129169
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.9 35.6 53.4#





#95
Naphthalene
Concen: 3.316 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.012 min
Lab File: VD069354.D
Acq: 04 Jun 2021 19:09

Instrument :
MSVOA_D
ClientSampleId :
18-B12(30-34)

Tgt Ion:	128	Resp:	144
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.8	13.2#

