

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069373.D
 Acq On : 07 Jun 2021 17:39
 Operator : VA/SY
 Sample : M2625-01
 Misc : 6.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(138-142)

Quant Time: Jun 08 04:23:36 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)

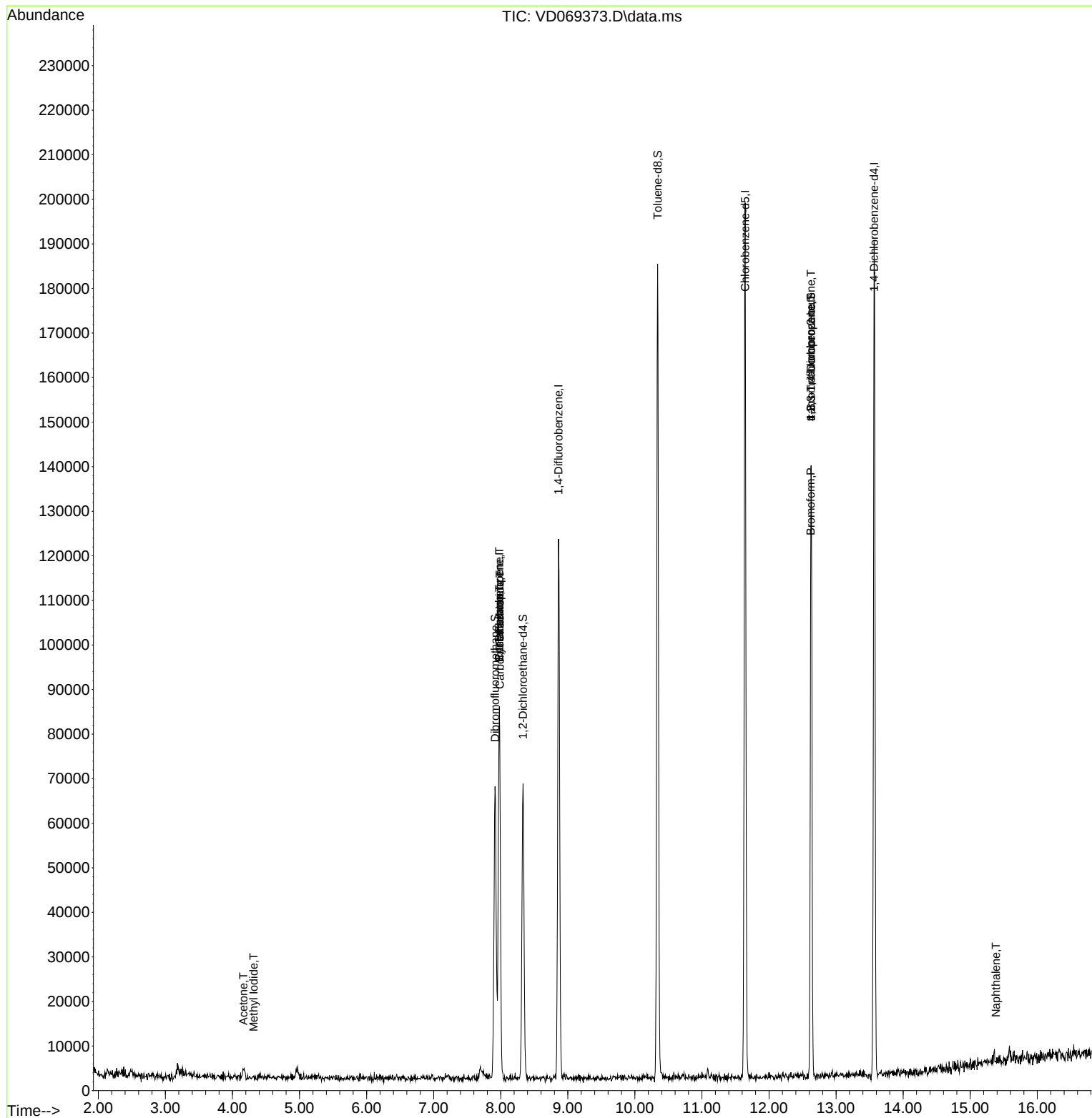
Internal Standards						
1) Pentafluorobenzene	7.979	168	62796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	107161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	117269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	53568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	54083	89.76	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 179.52%#			
35) Dibromofluoromethane	7.914	113	47851	71.11	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 142.22%			
50) Toluene-d8	10.338	98	134273	54.87	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.74%			
62) 4-Bromofluorobenzene	12.626	95	44957	56.07	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.14%			
Target Compounds						Qvalue
10) Methyl Iodide	4.315	142	60	2.59	ug/l #	1
11) Tert butyl alcohol	5.209	59	74	Below Cal	#	73
16) Acetone	4.162	43	2684	25.53	ug/l #	79
20) Methylene Chloride	4.956	84	1759	Below Cal	#	53
31) Cyclohexane	7.979	56	1290	1.35	ug/l #	47
36) 1,1-Dichloropropene	7.979	75	5342	5.13	ug/l #	43
38) Carbon Tetrachloride	7.985	117	6564	5.84	ug/l #	17
71) Bromoform	12.620	173	558	1.20	ug/l #	29
76) 1,2,3-Trichloropropane	12.626	75	22713	48.80	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	22713	108.14	ug/l #	18
95) Naphthalene	15.385	128	95	3.35	ug/l #	69

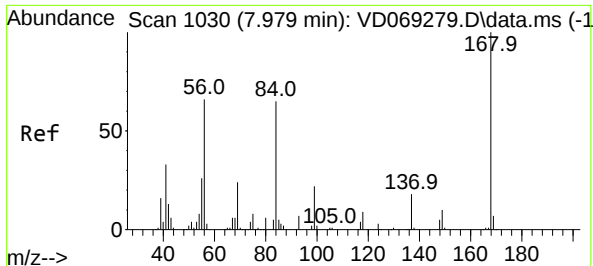
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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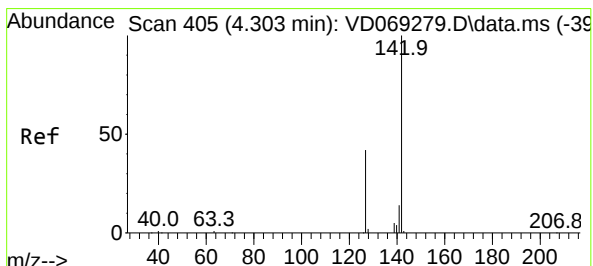
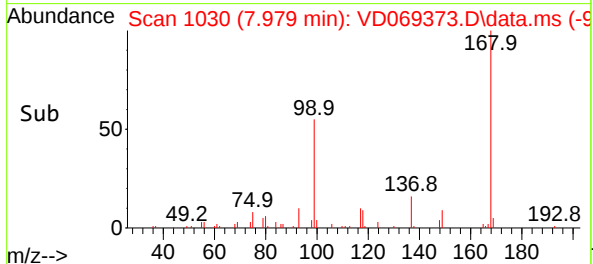
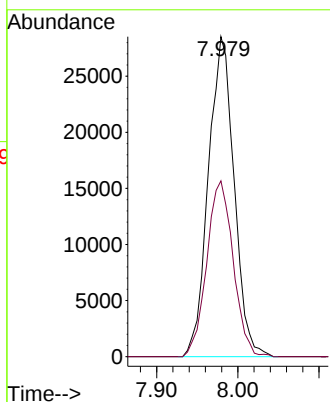
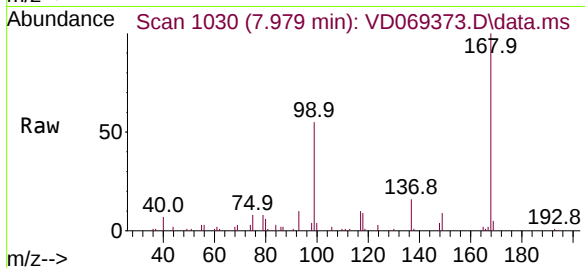




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

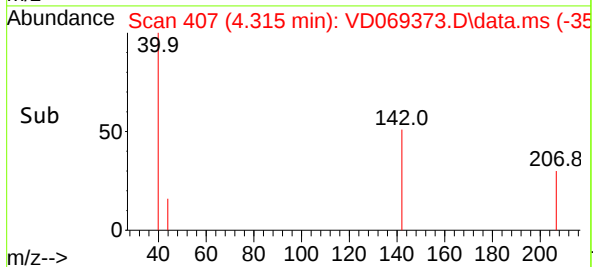
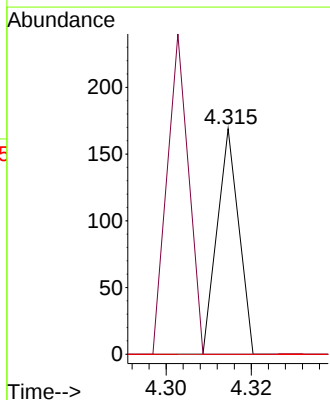
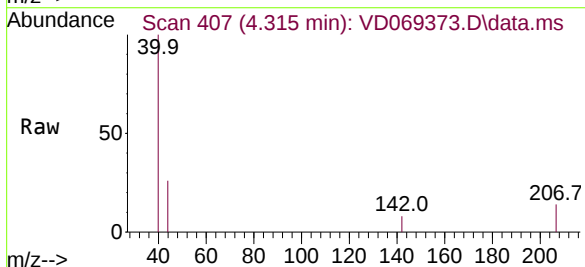
Instrument :
MSVOA_D
ClientSampleId :
18-B12(138-142)

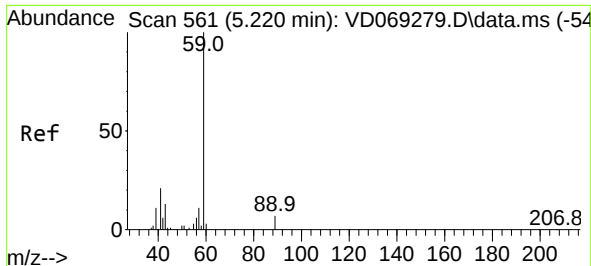
Tgt Ion:168 Resp: 62796
Ion Ratio Lower Upper
168 100
99 54.9 46.2 69.2



#10
Methyl Iodide
Concen: 2.59 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 141.7 36.2 54.2#
141 0.0 12.2 18.2#



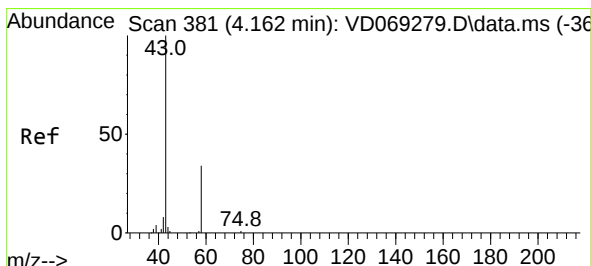
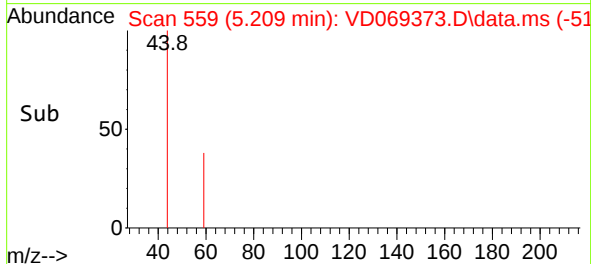
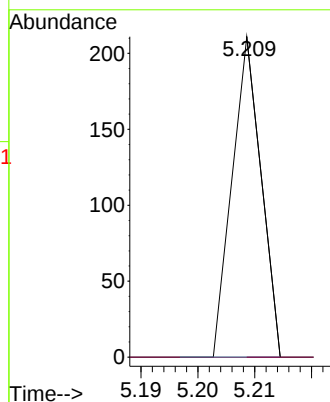
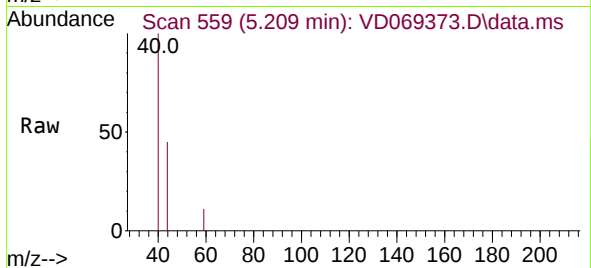


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

Instrument :
MSVOA_D
ClientSampleId :
18-B12(138-142)

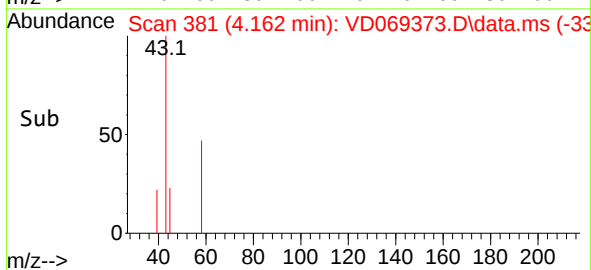
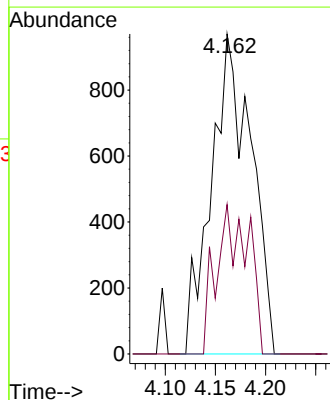
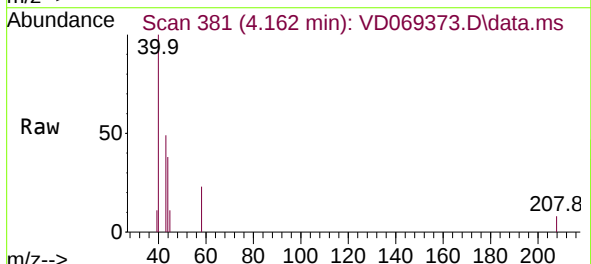
Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

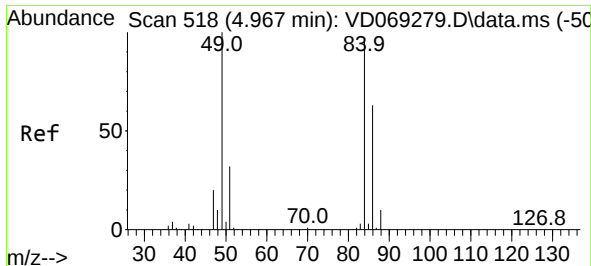


#16

Acetone
Concen: 25.53 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

Tgt Ion: 43 Resp: 2684
Ion Ratio Lower Upper
43 100
58 46.7 27.5 41.3#

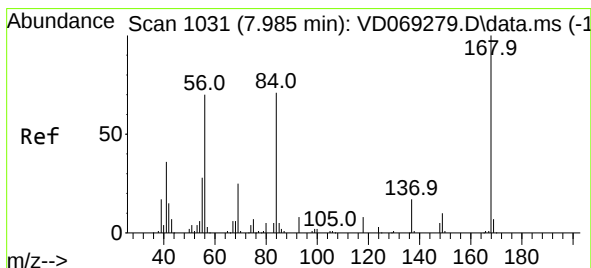
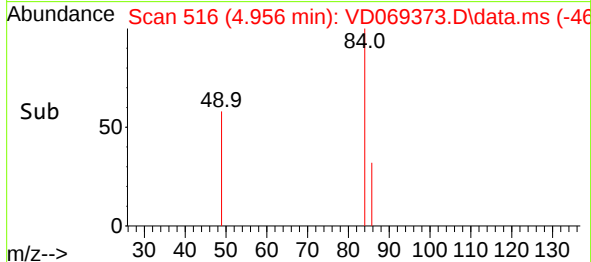
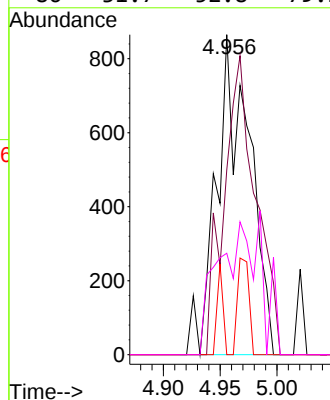
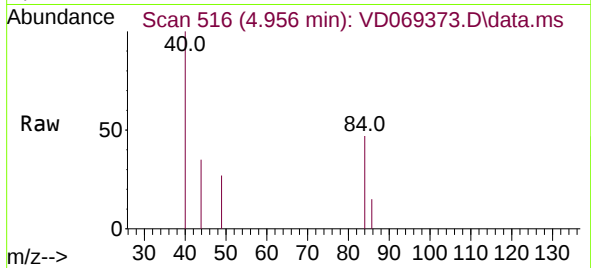




#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

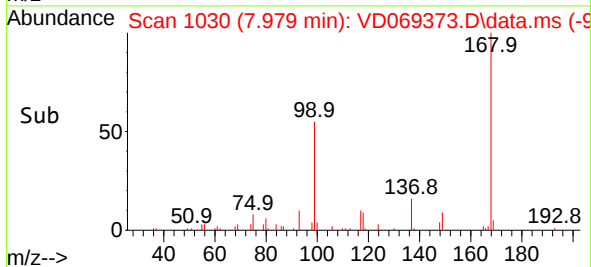
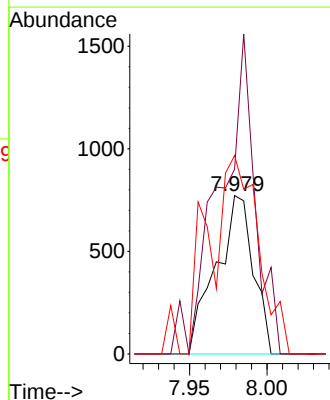
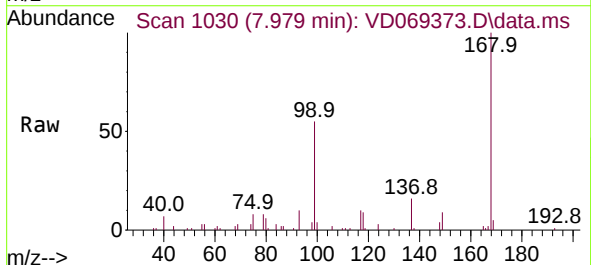
Instrument :
MSVOA_D
ClientSampleId :
18-B12(138-142)

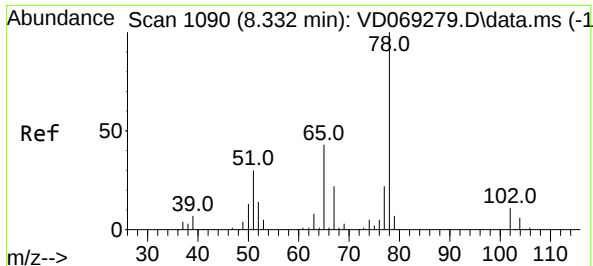
Tgt Ion:	84	Resp:	1759
Ion	Ratio	Lower	Upper
84	100		
49	57.7	83.7	125.5#
51	0.0	26.4	39.6#
86	31.7	52.8	79.2#



#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

Tgt Ion:	56	Resp:	1290
Ion	Ratio	Lower	Upper
56	100		
69	116.7	29.0	43.4#
84	125.3	81.1	121.7#

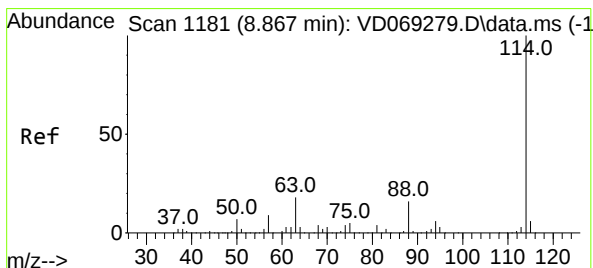
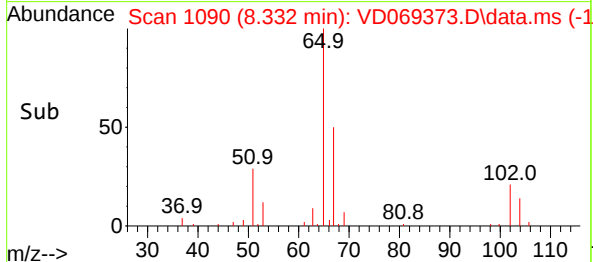
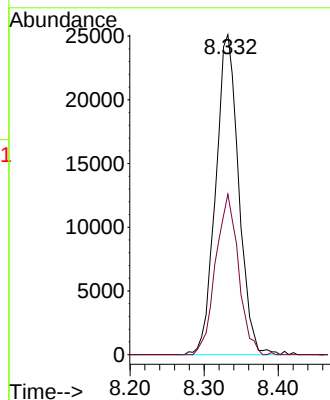
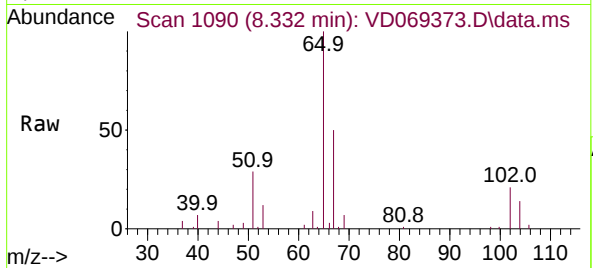




#33
1,2-Dichloroethane-d4
Concen: 89.76 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

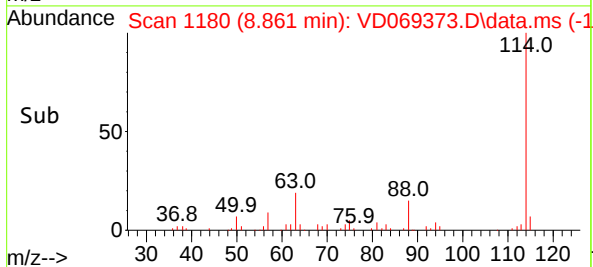
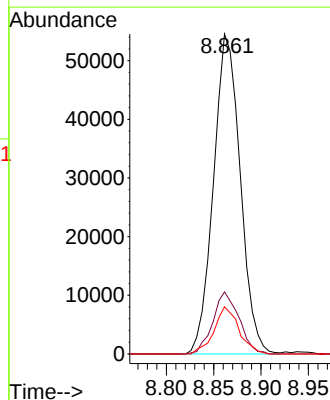
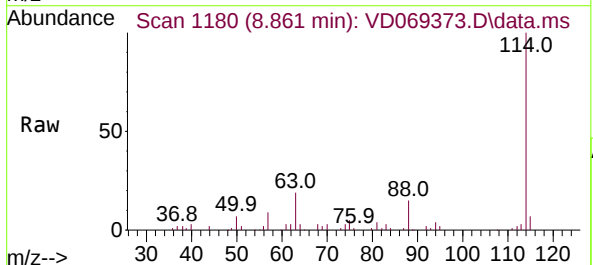
Instrument :
MSVOA_D
ClientSampleId :
18-B12(138-142)

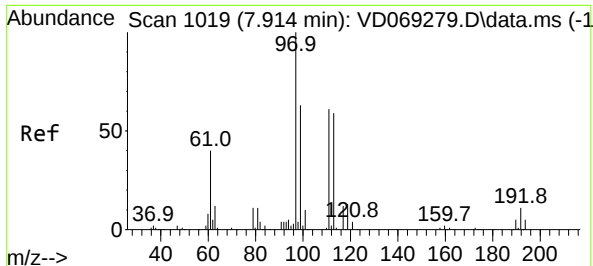
Tgt Ion: 65 Resp: 54083
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

Tgt Ion: 114 Resp: 107161
Ion Ratio Lower Upper
114 100
63 19.4 0.0 35.6
88 14.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 71.11 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069373.D

Acq: 07 Jun 2021 17:39

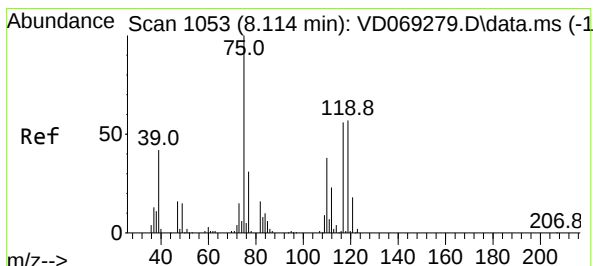
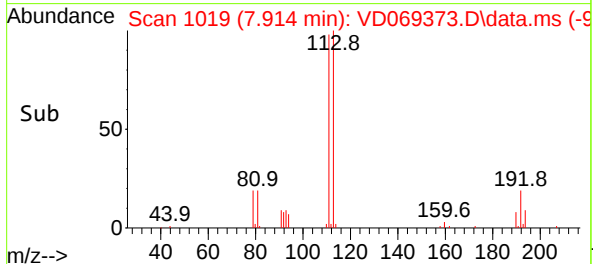
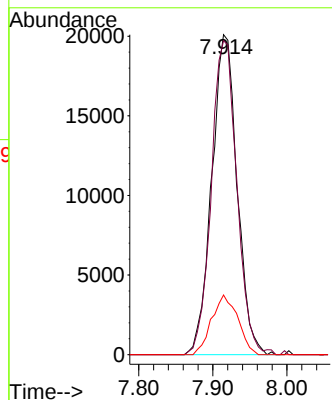
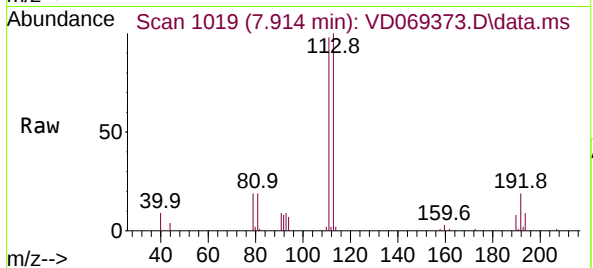
Tgt Ion:113 Resp: 47851

Ion Ratio Lower Upper

113 100

111 98.7 83.0 124.6

192 19.2 15.1 22.7



#36

1,1-Dichloropropene

Concen: 5.13 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD069373.D

Acq: 07 Jun 2021 17:39

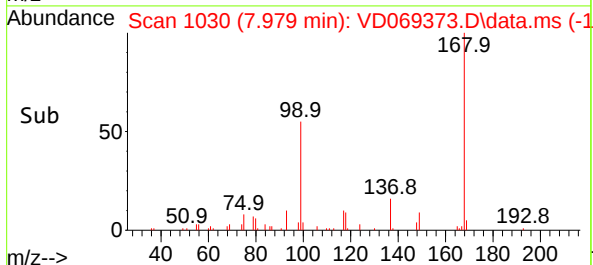
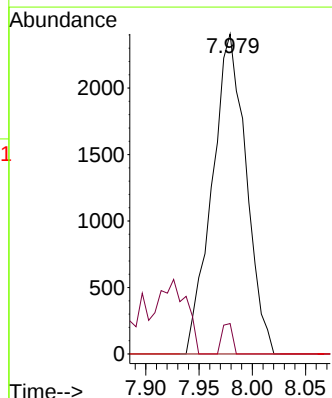
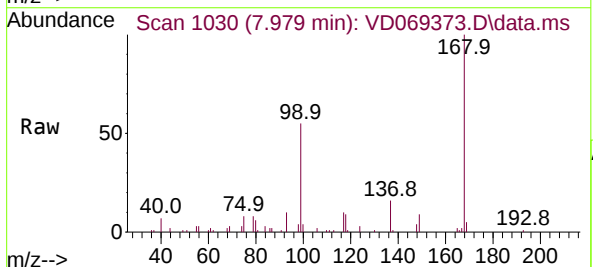
Tgt Ion: 75 Resp: 5342

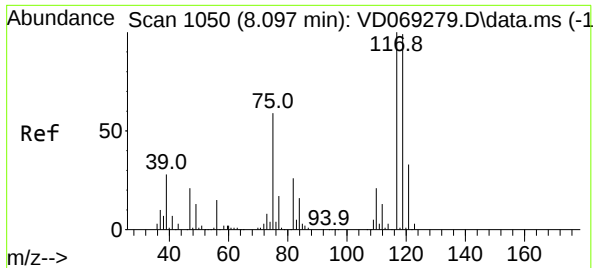
Ion Ratio Lower Upper

75 100

110 2.9 18.4 55.2#

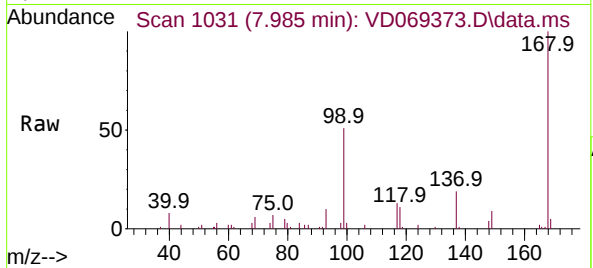
77 0.0 24.9 37.3#



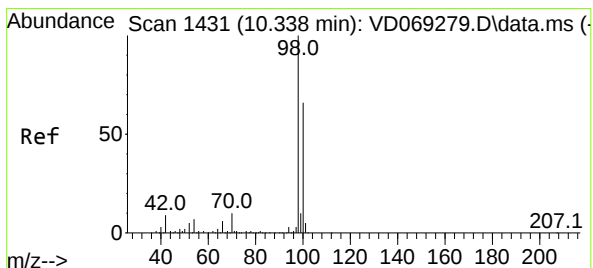
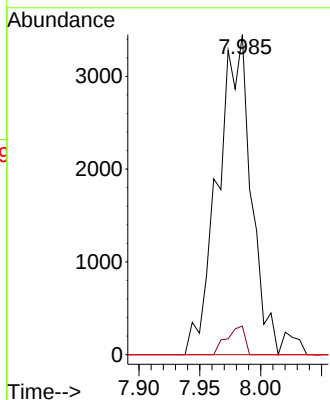
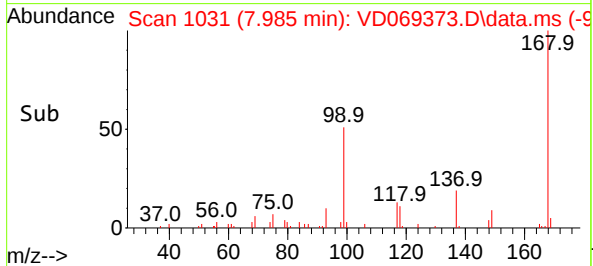


#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

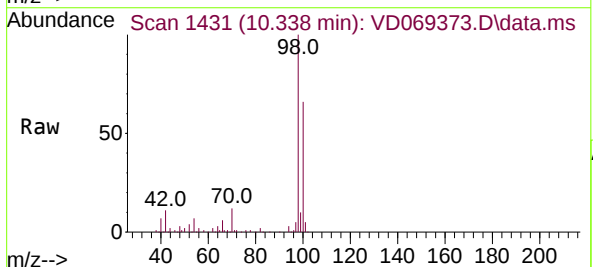
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18-B12(138-142)



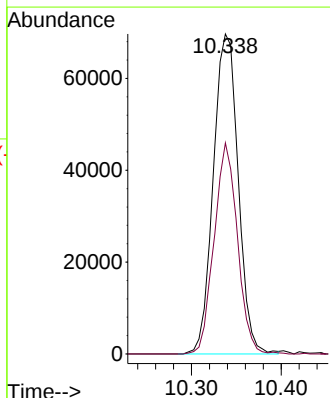
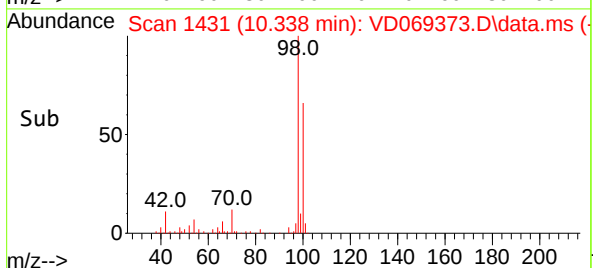
Tgt Ion:117 Resp: 6564
Ion Ratio Lower Upper
117 100
119 9.0 79.4 119.2#
121 0.0 26.1 39.1#

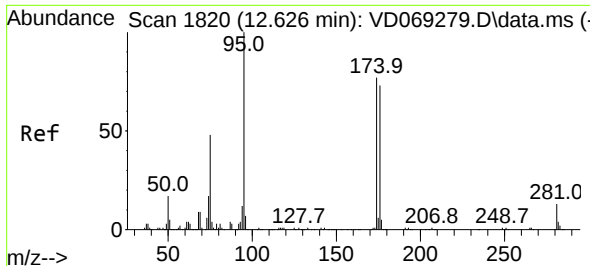


#50
Toluene-d8
Concen: 54.87 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39



Tgt Ion: 98 Resp: 134273
Ion Ratio Lower Upper
98 100
100 61.7 52.1 78.1

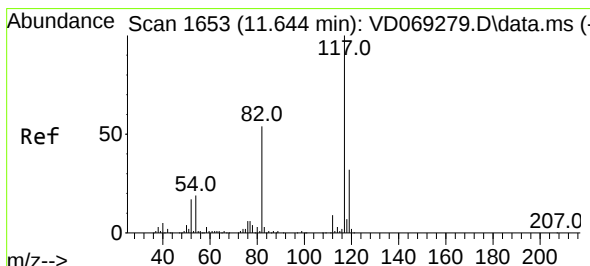
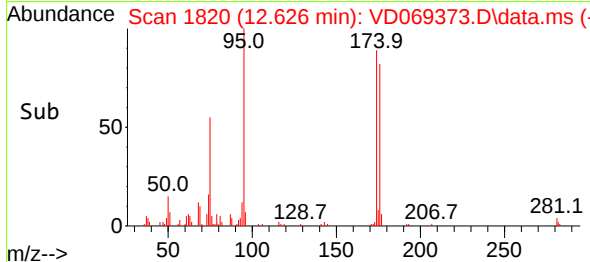
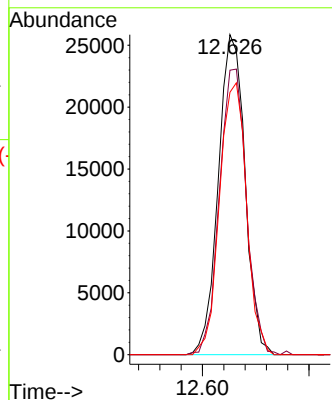
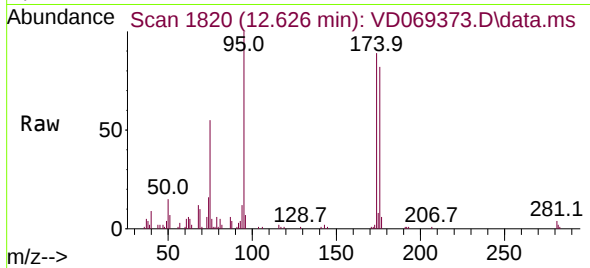




#62
4-Bromofluorobenzene
Concen: 56.07 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

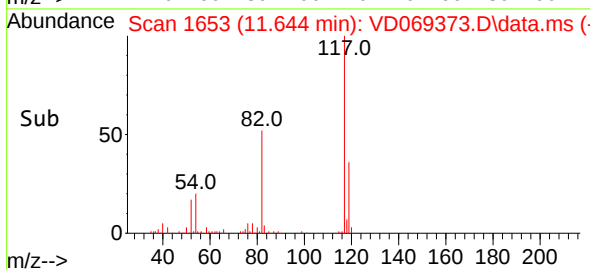
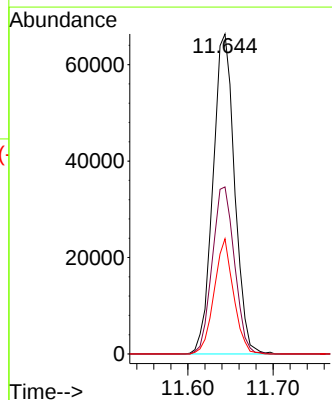
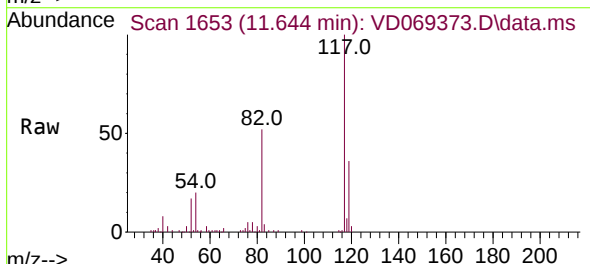
Instrument :
MSVOA_D
ClientSampleId :
18-B12(138-142)

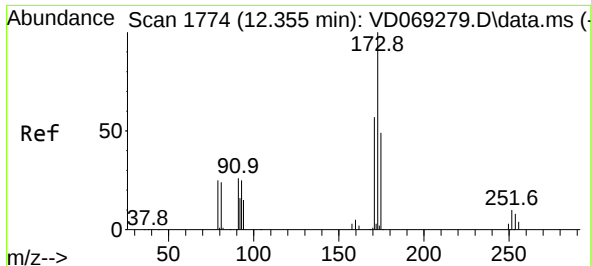
Tgt Ion:	95	Resp:	44957
Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	162.8
176	85.8	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

Tgt Ion:	117	Resp:	117269
Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.3	64.9
119	36.0	25.3	37.9

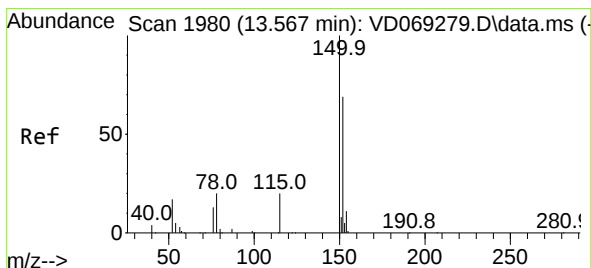
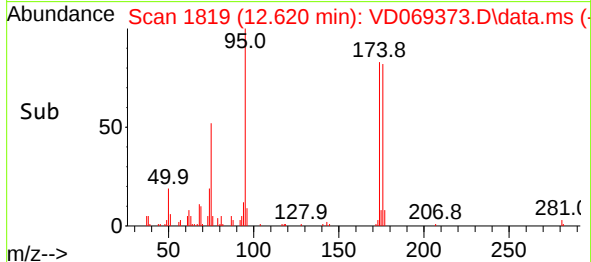
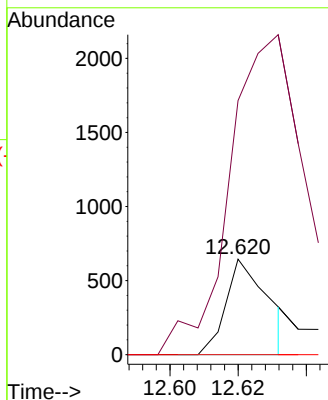
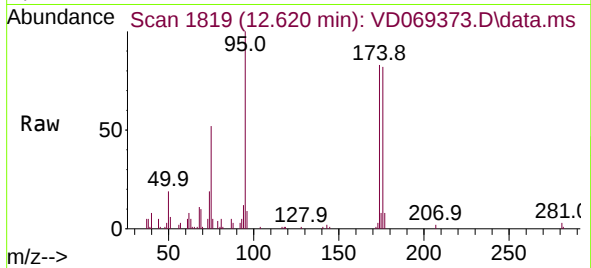




#71
Bromoform
Concen: 1.20 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

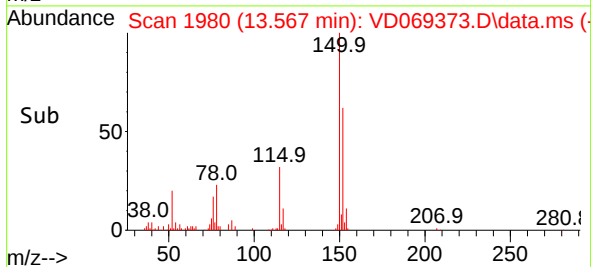
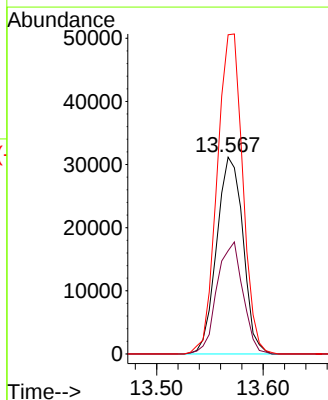
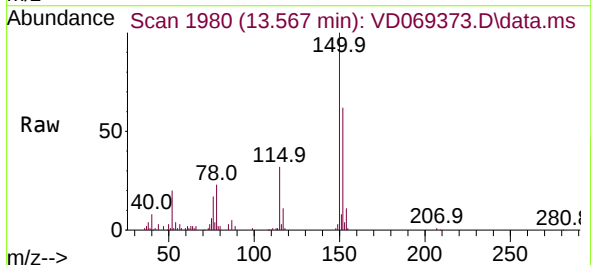
Instrument :
MSVOA_D
ClientSampleId :
18-B12(138-142)

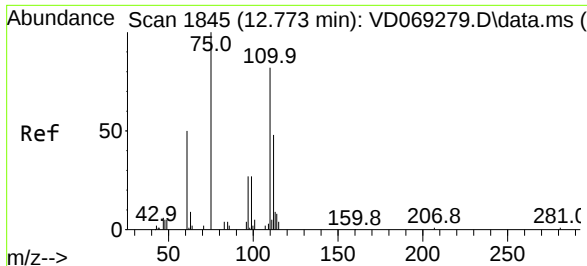
Tgt Ion:173 Resp: 558
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

Tgt Ion:152 Resp: 53568
Ion Ratio Lower Upper
152 100
115 56.0 29.4 88.3
150 157.8 0.0 355.0

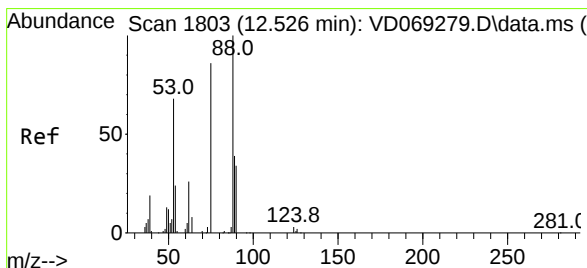
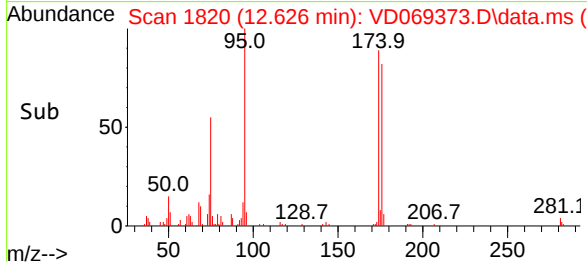
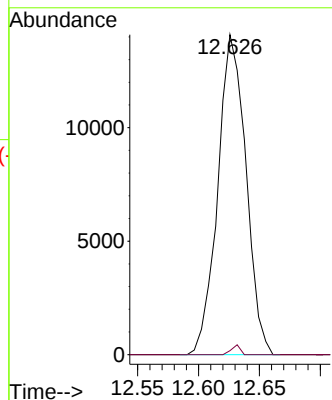
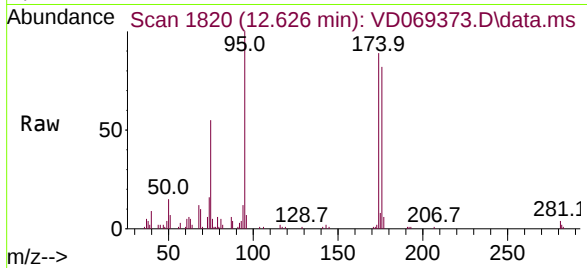




#76
1,2,3-Trichloropropane
Concen: 48.80 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

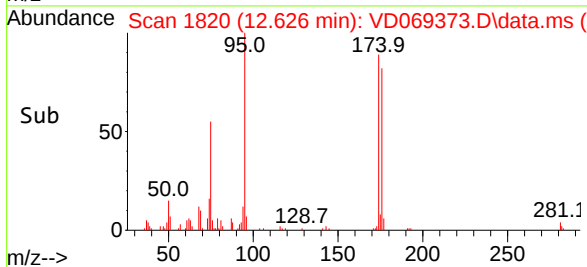
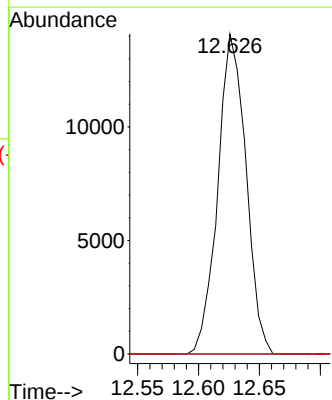
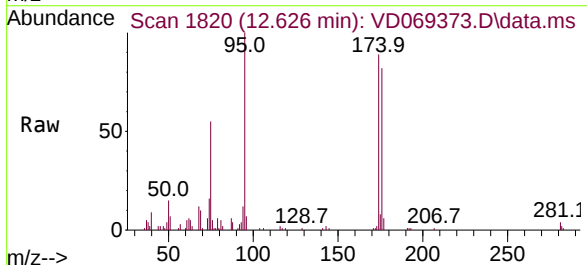
Instrument :
MSVOA_D
ClientSampleId :
18-B12(138-142)

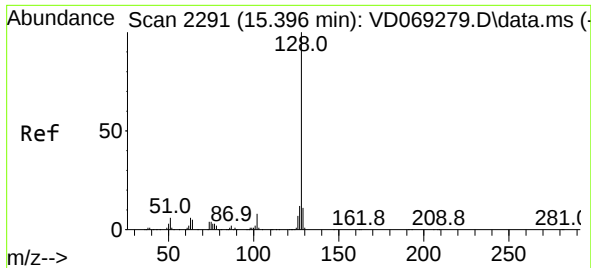
Tgt Ion: 75 Resp: 22713
Ion Ratio Lower Upper
75 100
77 1.0 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.14 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

Tgt Ion: 75 Resp: 22713
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 35.6 53.4#





#95
Naphthalene
Concen: 3.35 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.011 min
Lab File: VD069373.D
Acq: 07 Jun 2021 17:39

Instrument :
MSVOA_D
ClientSampleId :
18-B12(138-142)

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

