

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
 Data File : VD072010.D
 Acq On : 17 Feb 2022 13:36
 Operator : VA/SY
 Sample : N1579-02
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 18 06:37:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

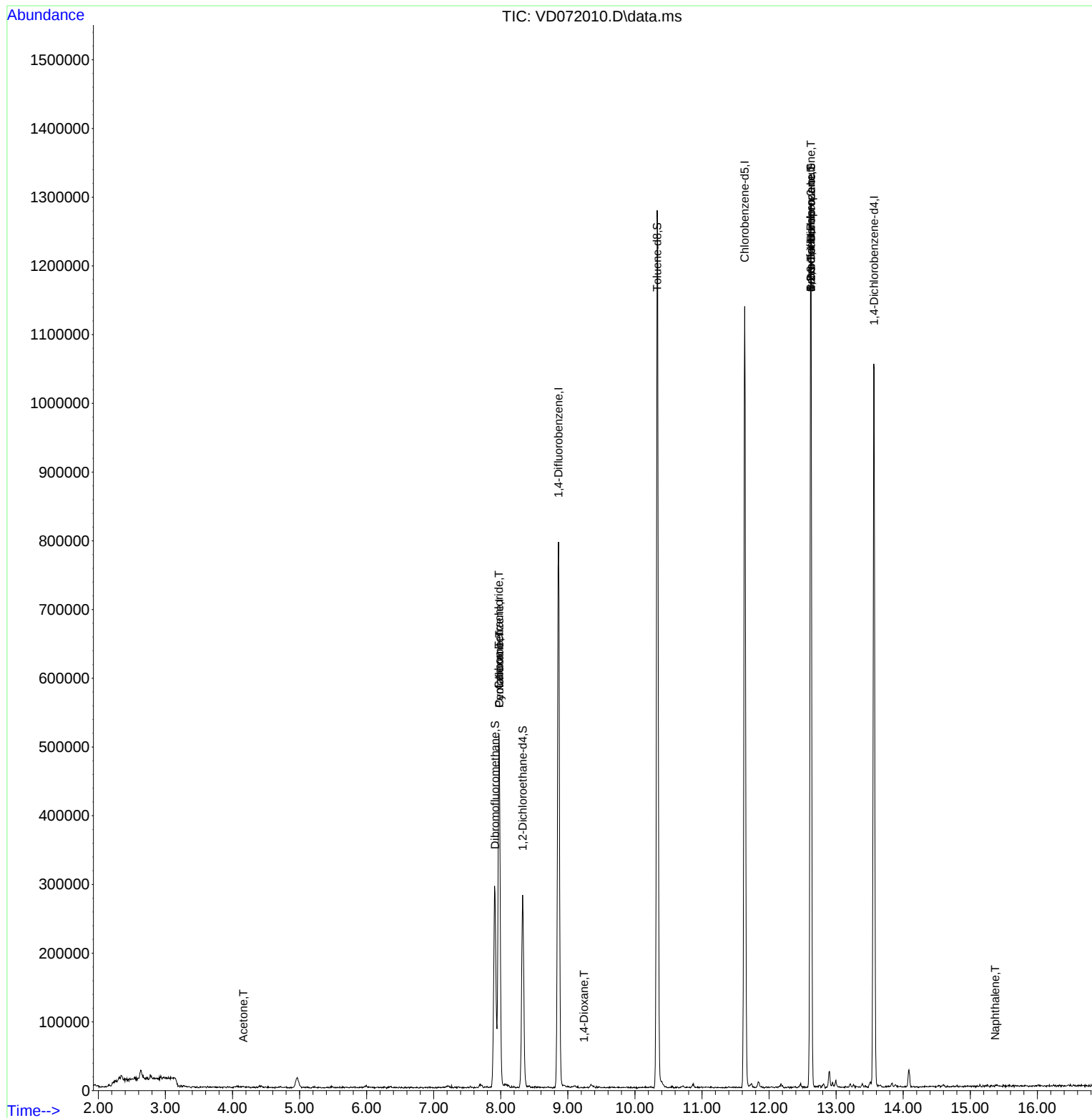
Internal Standards						
1) Pentafluorobenzene	7.979	168	335679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	622278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	586952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	242844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	214937	50.659	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.320%			
35) Dibromofluoromethane	7.914	113	201782	49.330	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.660%			
50) Toluene-d8	10.332	98	805412	52.723	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.440%			
62) 4-Bromofluorobenzene	12.626	95	268109	50.258	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.520%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.203	59	116	Below Cal	#	74
16) Acetone	4.161	43	1899	1.635	ug/l #	55
20) Methylene Chloride	4.961	84	10192	Below Cal	#	80
31) Cyclohexane	7.979	56	11853	1.463	ug/l #	8
38) Carbon Tetrachloride	7.973	117	38272	5.512	ug/l #	16
49) 1,4-Dioxane	9.244	88	76	2.602	ug/l #	21
71) Bromoform	12.620	173	2783	1.154	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	166733	65.149	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	166733	160.185	ug/l #	8
95) Naphthalene	15.373	128	1540	1.631	ug/l #	70

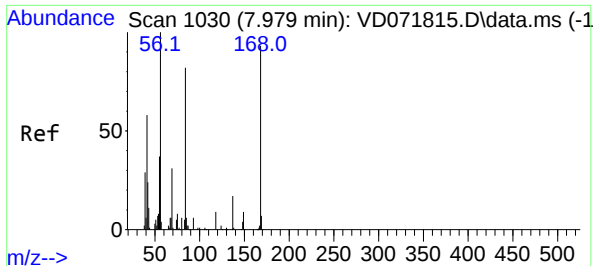
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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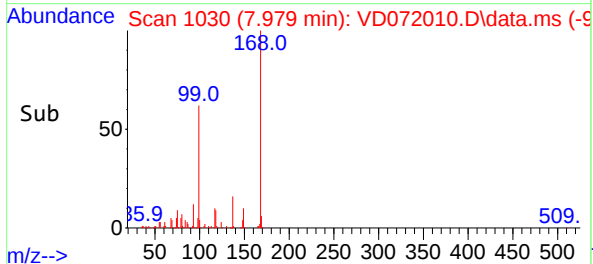
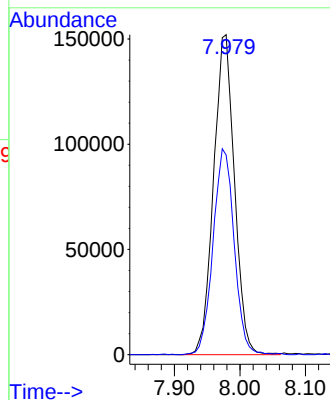
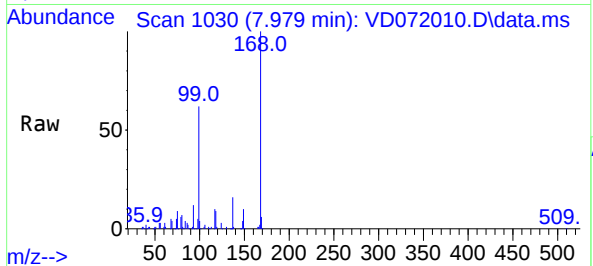




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

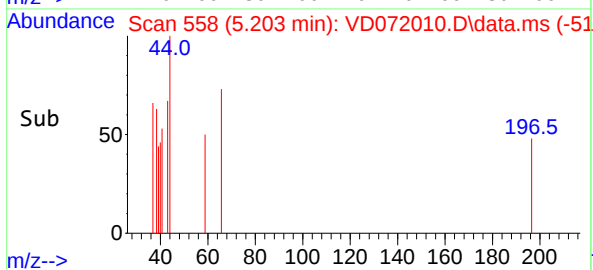
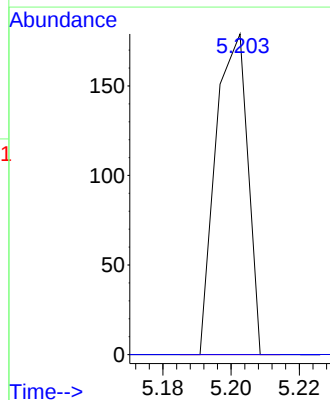
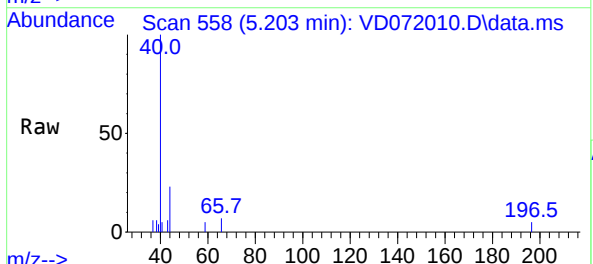
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 335679
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.018 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

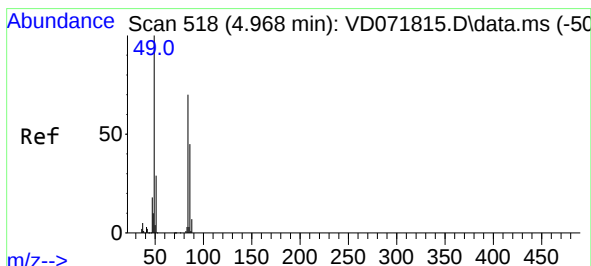
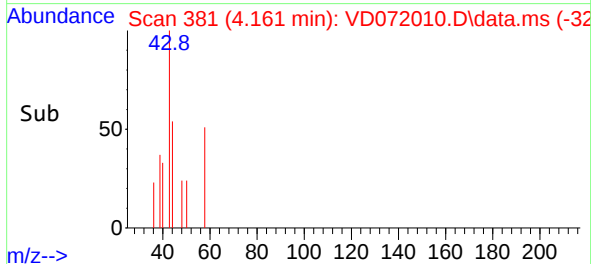
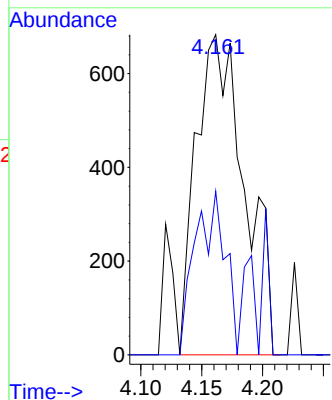
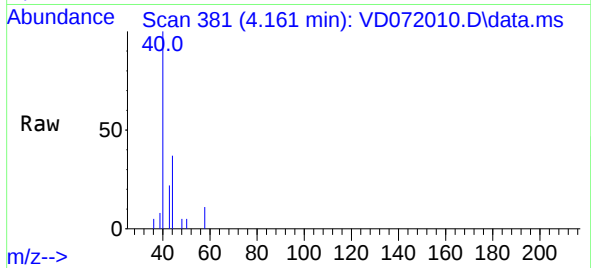




#16
Acetone
Concen: 1.635 ug/l
RT: 4.161 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

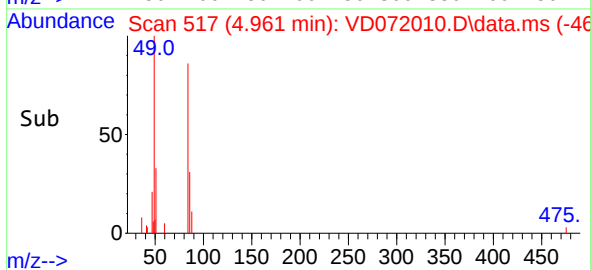
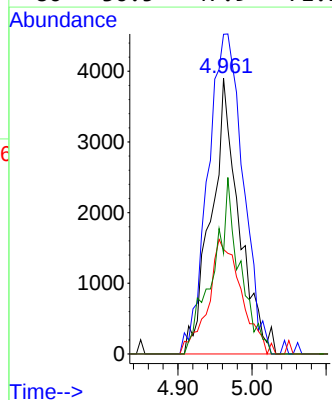
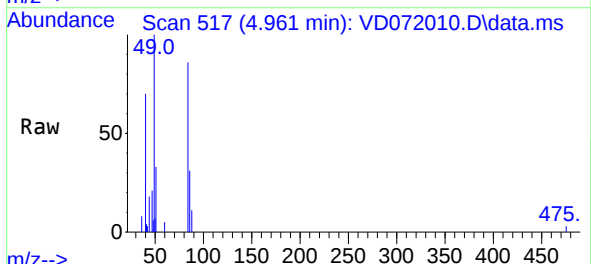
Instrument :
MSVOA_D
ClientSampleId :

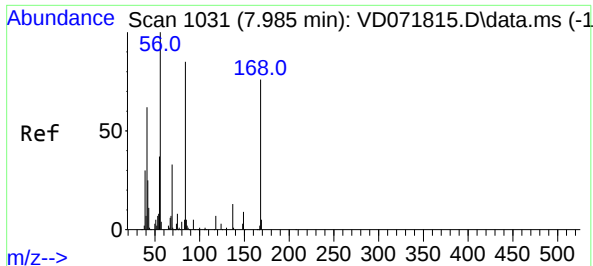
Tgt Ion: 43 Resp: 1899
Ion Ratio Lower Upper
43 100
58 51.1 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

Tgt Ion: 84 Resp: 10192
Ion Ratio Lower Upper
84 100
49 115.9 112.8 169.2
51 37.9 32.6 48.8
86 36.5 47.9 71.9#





#31

Cyclohexane

Concen: 1.463 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD072010.D

Acq: 17 Feb 2022 13:36

Instrument :

MSVOA_D

ClientSampleId :

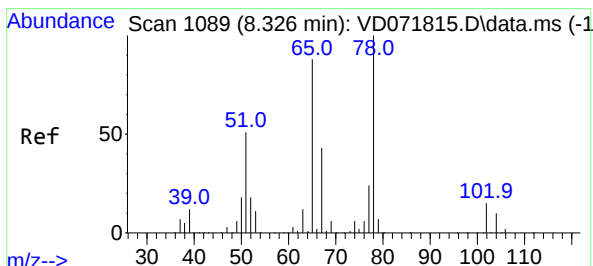
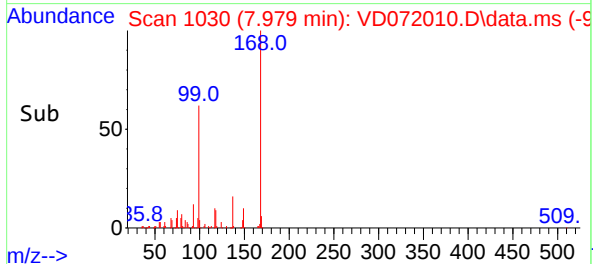
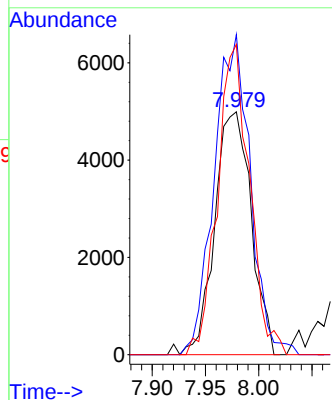
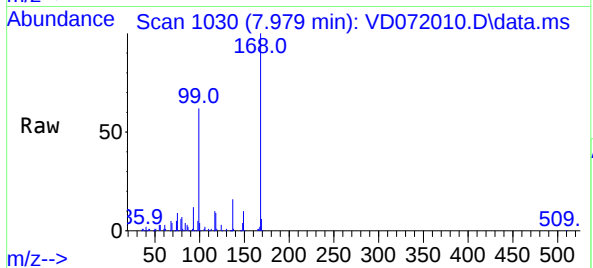
Tgt Ion: 56 Resp: 11853

Ion Ratio Lower Upper

56 100

69 131.8 25.4 38.2#

84 127.7 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 50.659 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072010.D

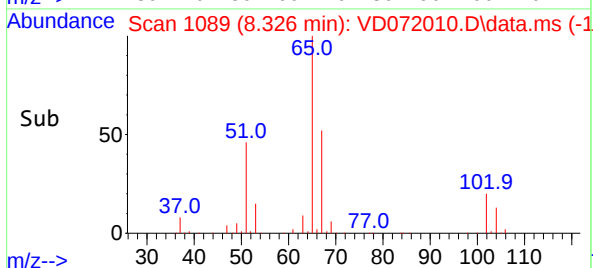
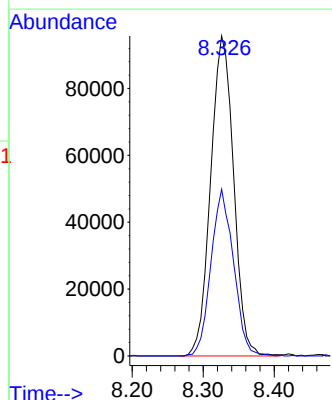
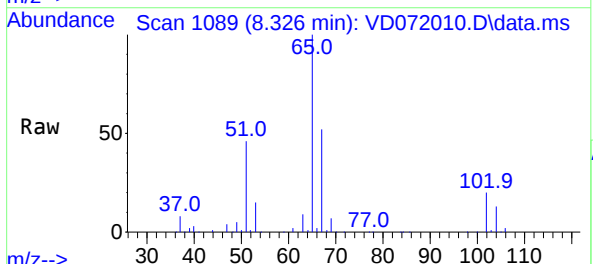
Acq: 17 Feb 2022 13:36

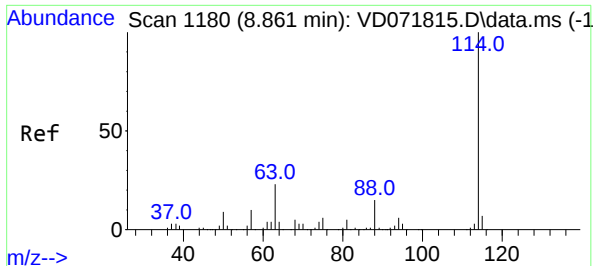
Tgt Ion: 65 Resp: 214937

Ion Ratio Lower Upper

65 100

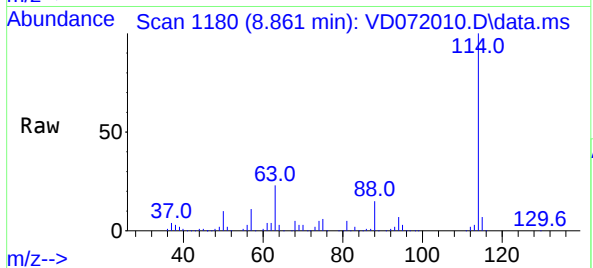
67 51.2 0.0 101.4



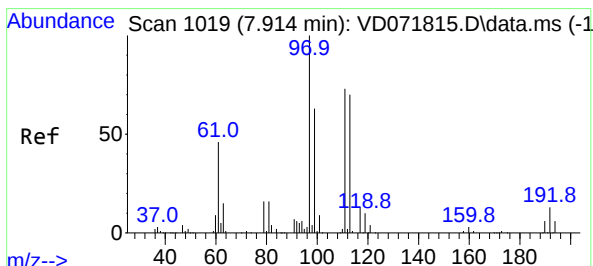
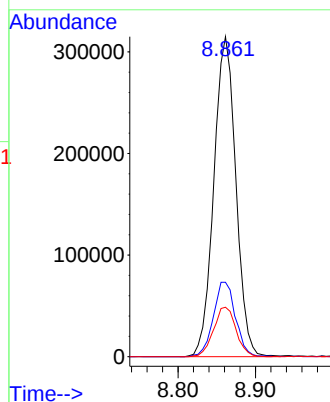
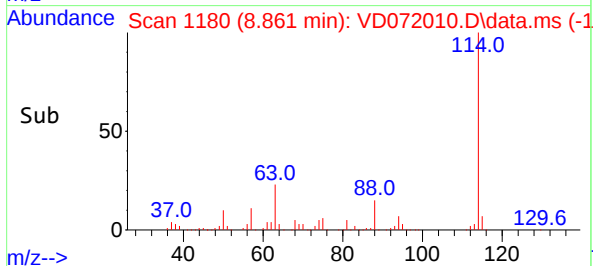


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

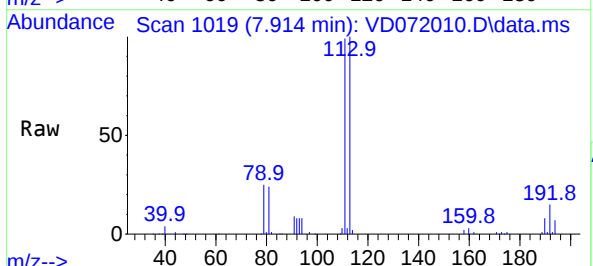
Instrument :
MSVOA_D
ClientSampleId :



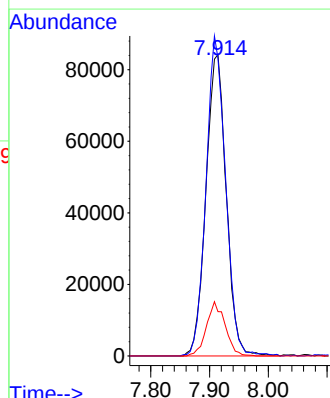
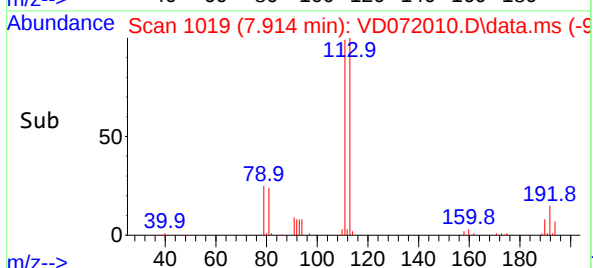
Tgt Ion:114 Resp: 622278
Ion Ratio Lower Upper
114 100
63 23.3 0.0 46.6
88 15.4 0.0 33.2

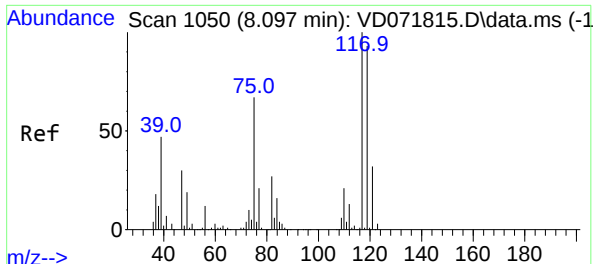


#35
Dibromofluoromethane
Concen: 49.330 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36



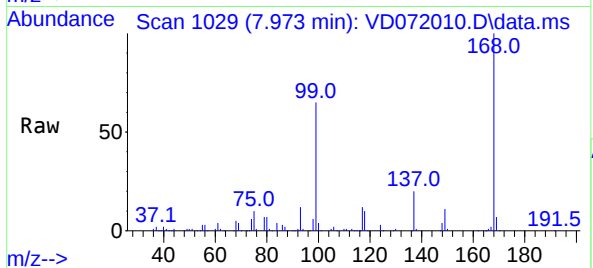
Tgt Ion:113 Resp: 201782
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 16.6 14.6 21.8



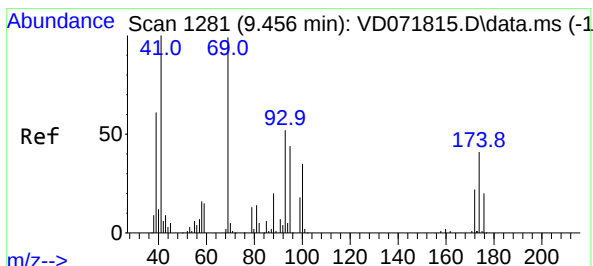
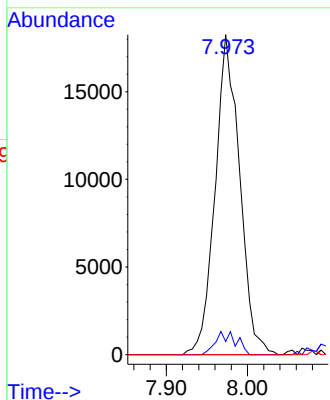
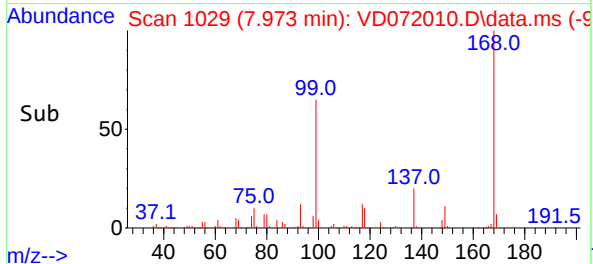


#38
Carbon Tetrachloride
Concen: 5.512 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

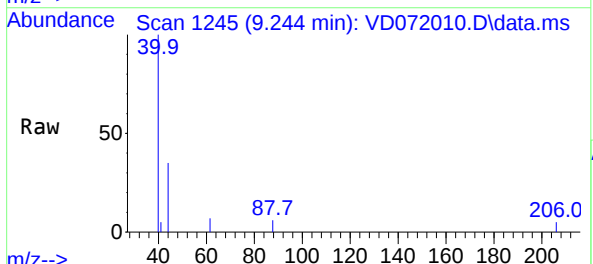
Instrument :
MSVOA_D
ClientSampleId :



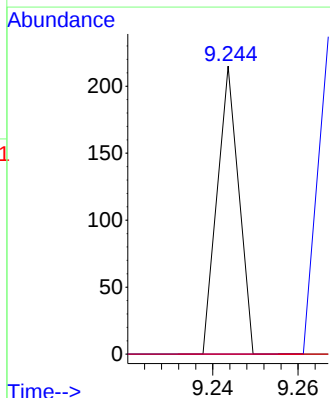
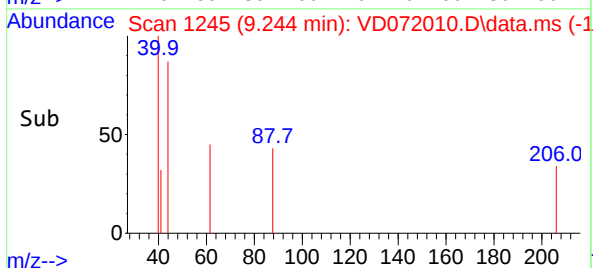
Tgt Ion:117 Resp: 38272
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.5 36.7#

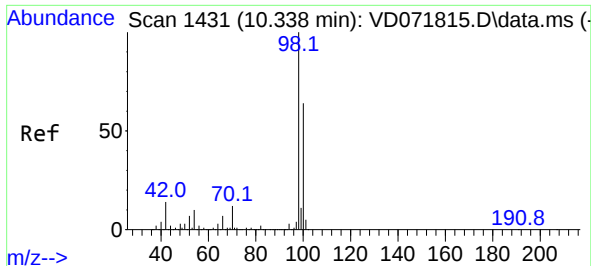


#49
1,4-Dioxane
Concen: 2.602 ug/l
RT: 9.244 min Scan# 1245
Delta R.T. -0.218 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36



Tgt Ion: 88 Resp: 76
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#

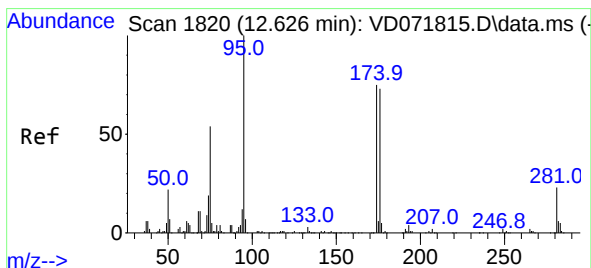
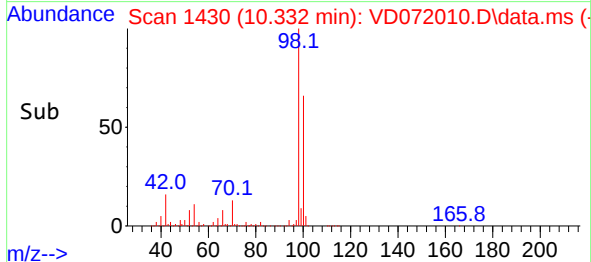
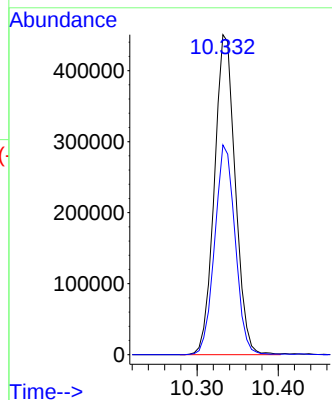
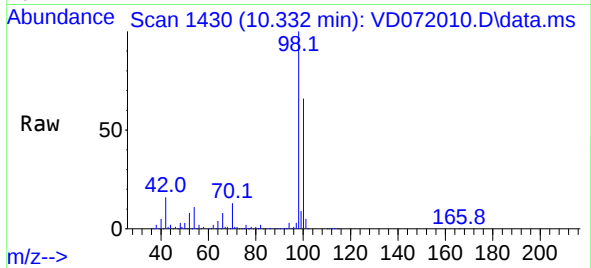




#50
Toluene-d8
Concen: 52.723 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

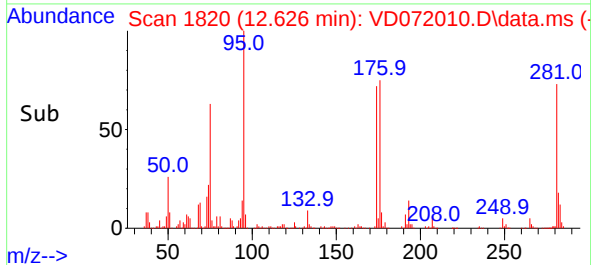
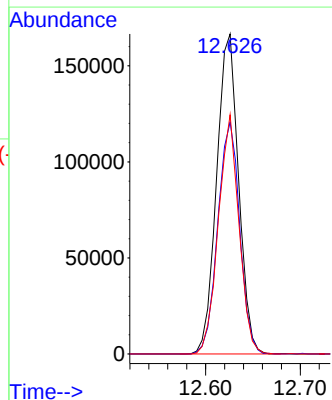
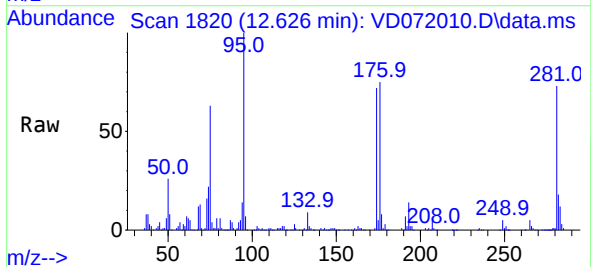
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MSVOA_D
ClientSampleId :

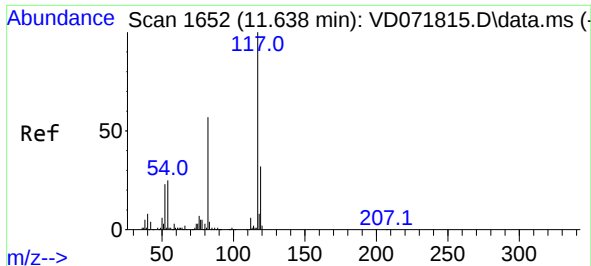
Tgt Ion: 98 Resp: 805412
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.258 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

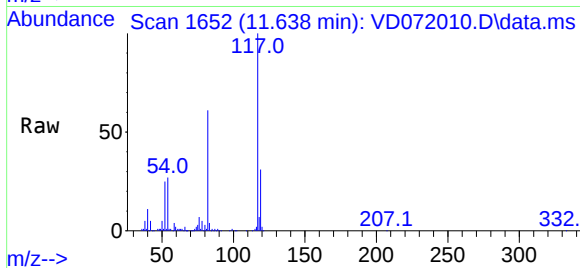
Tgt Ion: 95 Resp: 268109
Ion Ratio Lower Upper
95 100
174 72.5 0.0 152.8
176 70.2 0.0 145.4



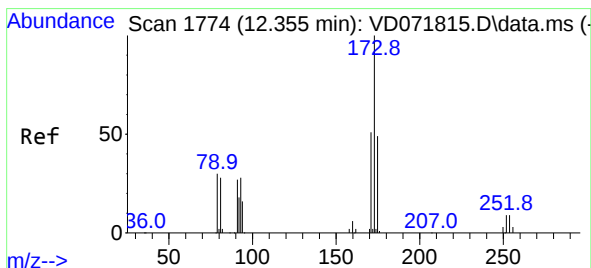
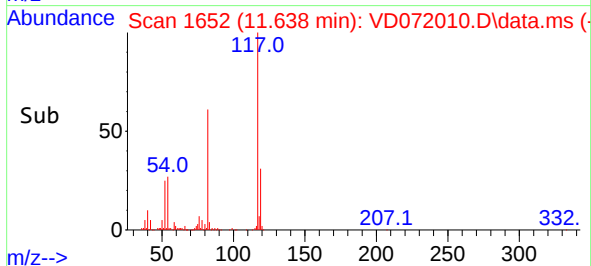
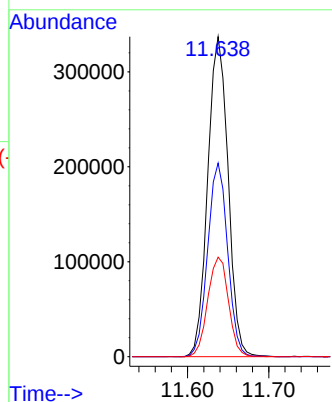


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

Instrument :
MSVOA_D
ClientSampleId :

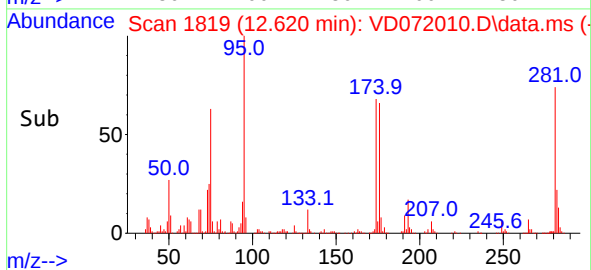
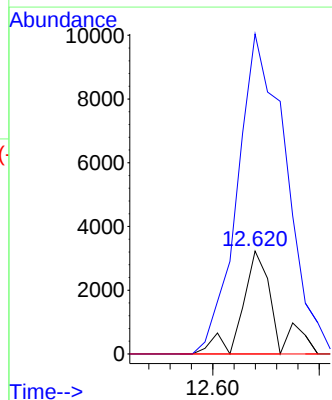
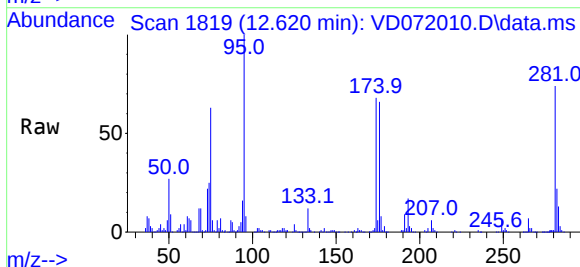


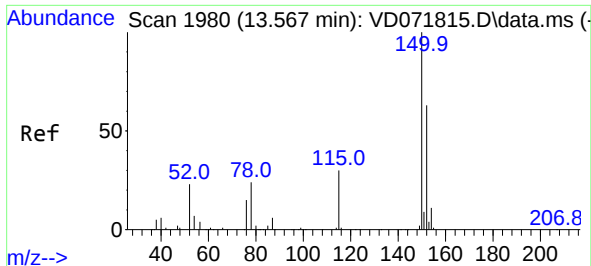
Tgt Ion:117 Resp: 586952
Ion Ratio Lower Upper
117 100
82 60.5 45.3 67.9
119 31.1 26.6 40.0



#71
Bromoform
Concen: 1.154 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

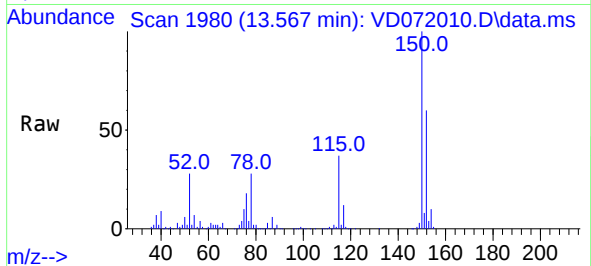
Tgt Ion:173 Resp: 2783
Ion Ratio Lower Upper
173 100
175 482.3 23.9 71.8#
254 0.0 0.0 0.0



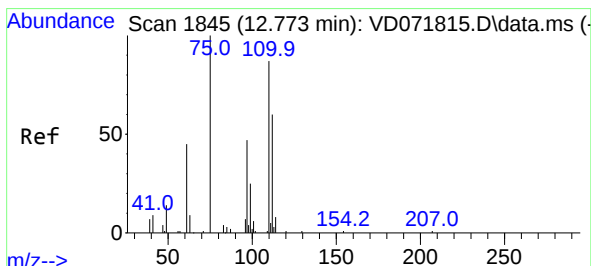
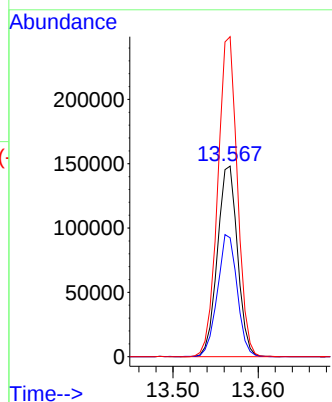
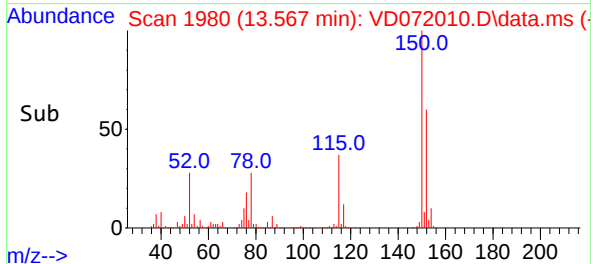


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

Instrument :
MSVOA_D
ClientSampleId :

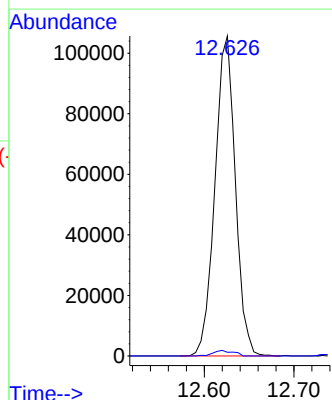
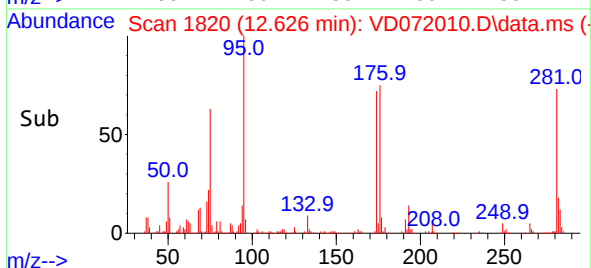
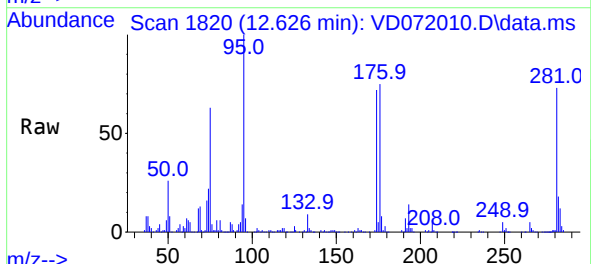


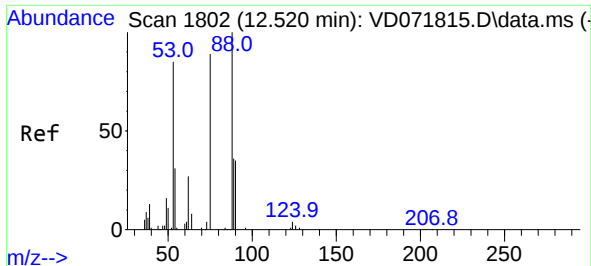
Tgt Ion:152 Resp: 242844
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.8
150 163.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 65.149 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

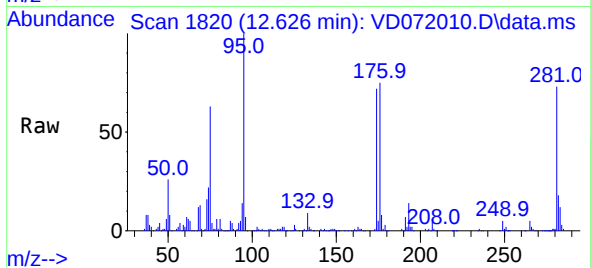
Tgt Ion: 75 Resp: 166733
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



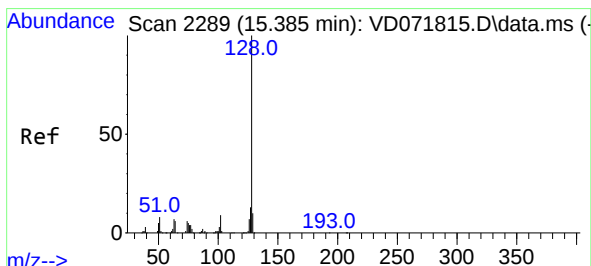
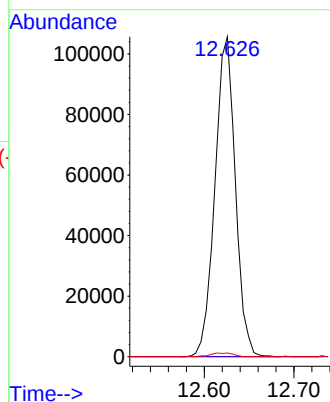
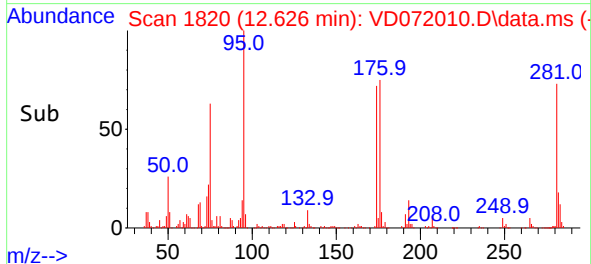


#81
trans-1,4-Dichloro-2-butene
Concen: 160.185 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 166733
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 1.3 33.9 50.9#



#95
Naphthalene
Concen: 1.631 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.012 min
Lab File: VD072010.D
Acq: 17 Feb 2022 13:36

Tgt Ion:128 Resp: 1540
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

