

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071963.D
 Acq On : 14 Feb 2022 18:05
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Feb 15 00:38:00 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)

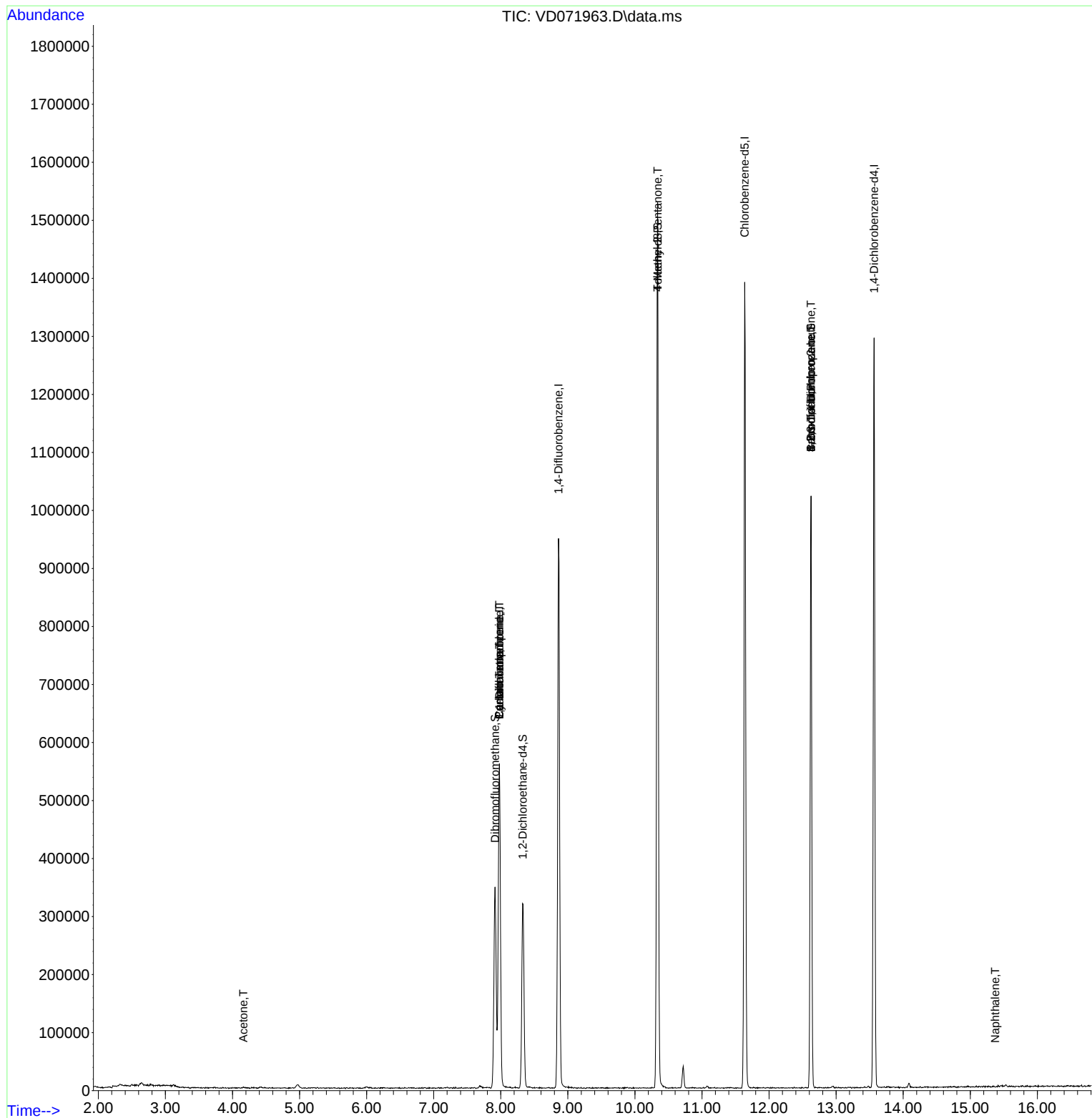
Internal Standards						
1) Pentafluorobenzene	7.979	168	381247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	754010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	738543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	315267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	264871	54.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.940%	
35) Dibromofluoromethane	7.914	113	246554	49.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.500%	
50) Toluene-d8	10.338	98	976392	52.749	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.500%	
62) 4-Bromofluorobenzene	12.626	95	312387	48.327	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.220	59	149	Below Cal	#	74
16) Acetone	4.161	43	1391	1.055	ug/l #	47
20) Methylene Chloride	4.961	84	4104	Below Cal		87
31) Cyclohexane	7.979	56	11524	1.253	ug/l #	29
36) 1,1-Dichloropropene	7.979	75	35589	4.184	ug/l #	52
38) Carbon Tetrachloride	7.979	117	41946	4.986	ug/l #	17
51) 4-Methyl-2-Pentanone	10.338	43	5537	1.488	ug/l #	1
71) Bromoform	12.626	173	3557	1.172	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	174917	52.646	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	174917	129.444	ug/l #	7
95) Naphthalene	15.373	128	257	1.477	ug/l #	70

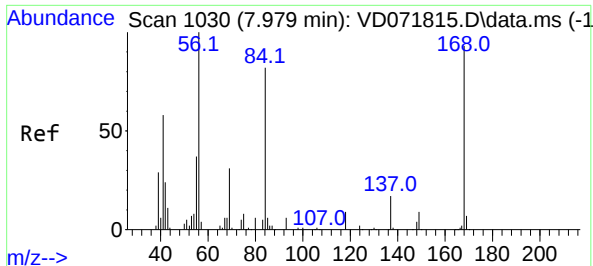
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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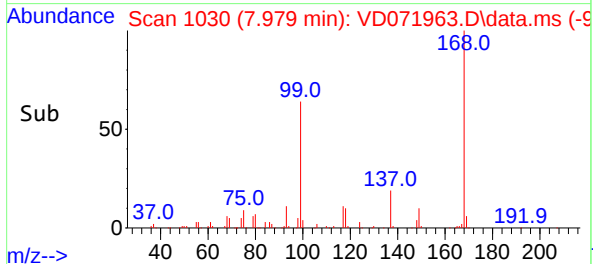
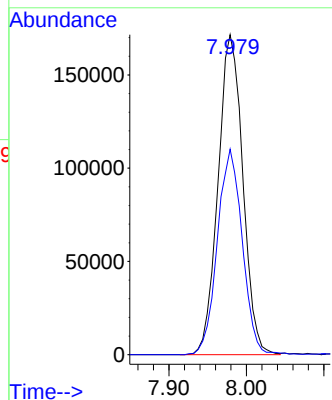
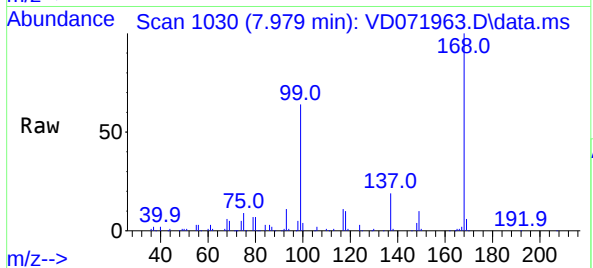




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

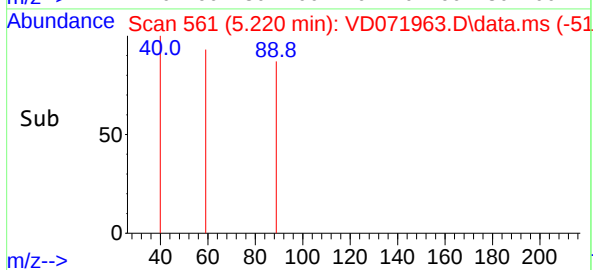
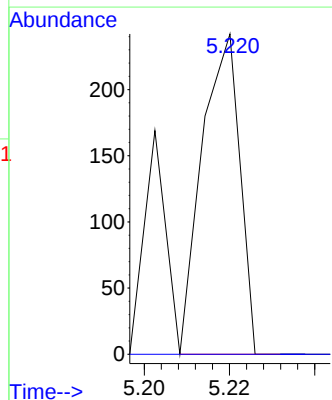
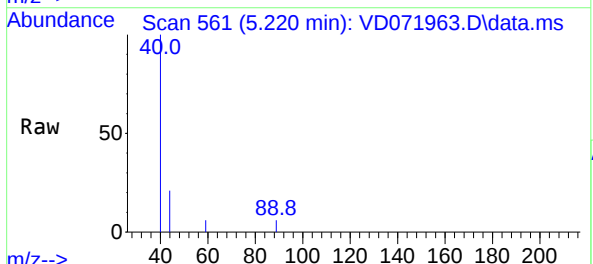
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 381247
Ion Ratio Lower Upper
168 100
99 64.2 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

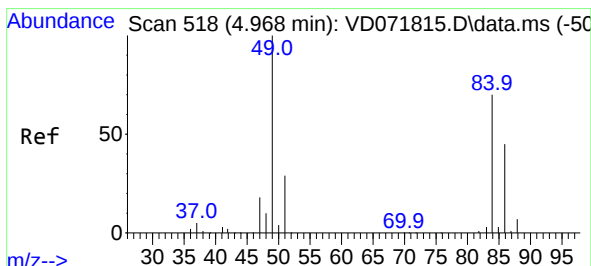
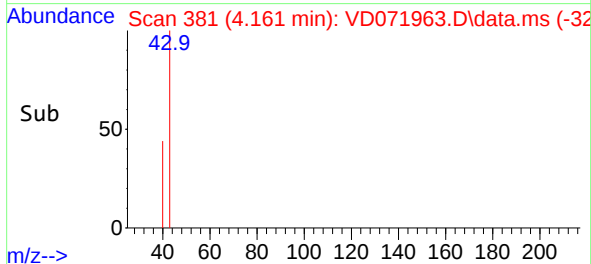
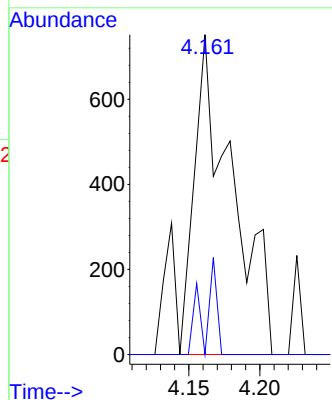
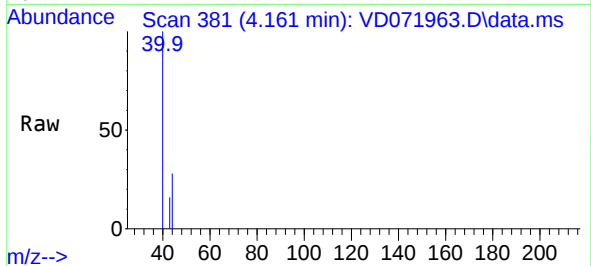




#16
Acetone
Concen: 1.055 ug/l
RT: 4.161 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

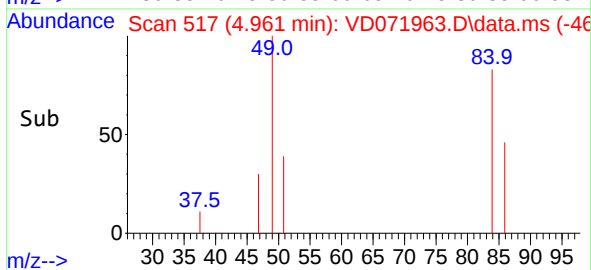
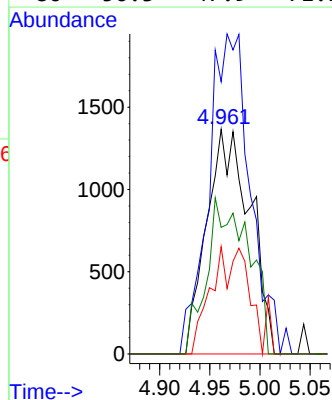
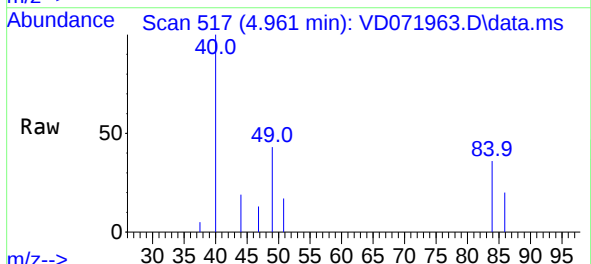
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

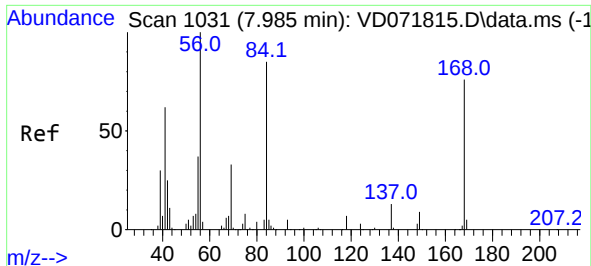
Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Tgt Ion: 84 Resp: 4104
Ion Ratio Lower Upper
84 100
49 121.2 112.8 169.2
51 47.7 32.6 48.8
86 56.3 47.9 71.9

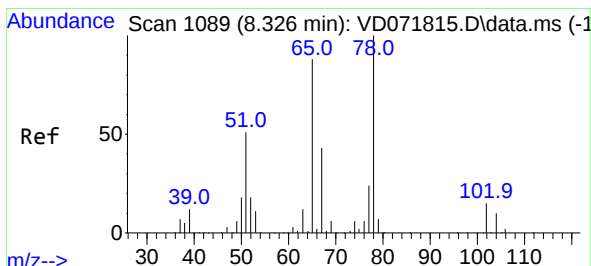
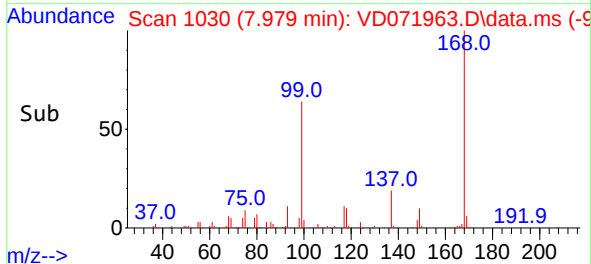
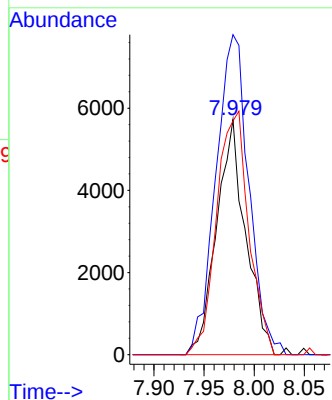
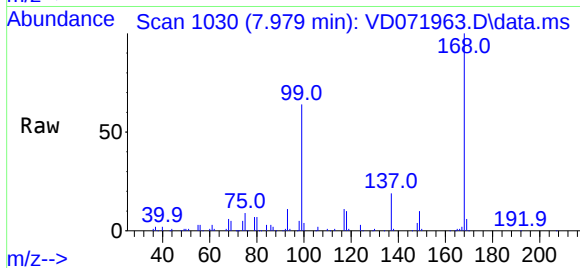




#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

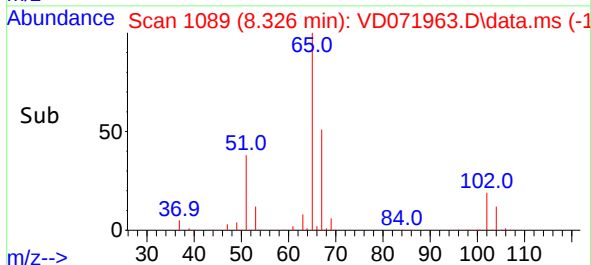
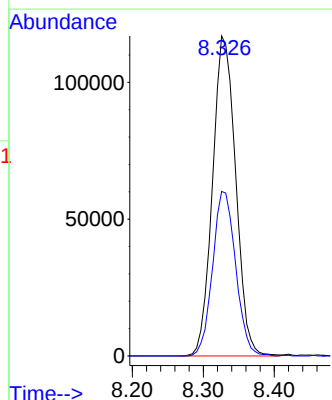
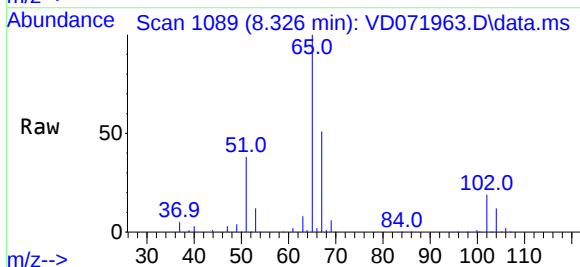
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

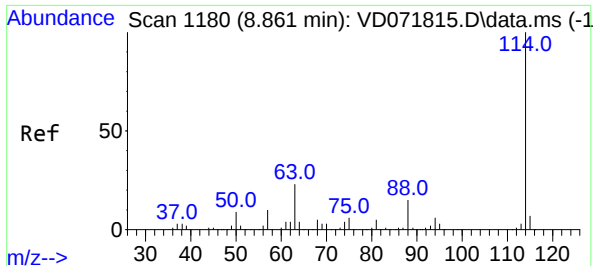
Tgt Ion: 56 Resp: 11524
Ion Ratio Lower Upper
56 100
69 136.1 25.4 38.2#
84 99.4 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 54.967 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Tgt Ion: 65 Resp: 264871
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4



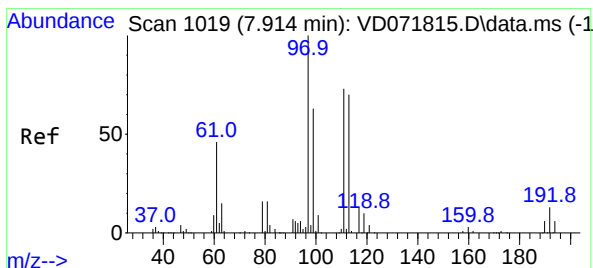
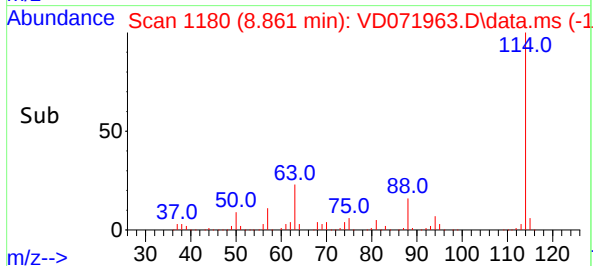
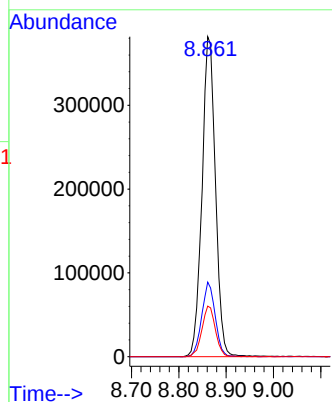
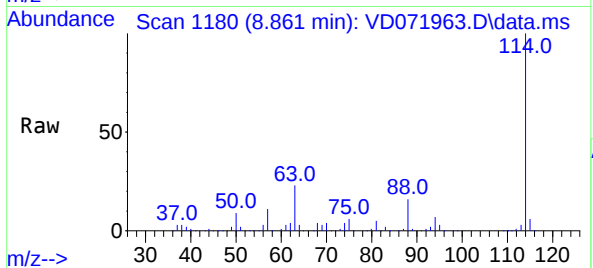


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 754010

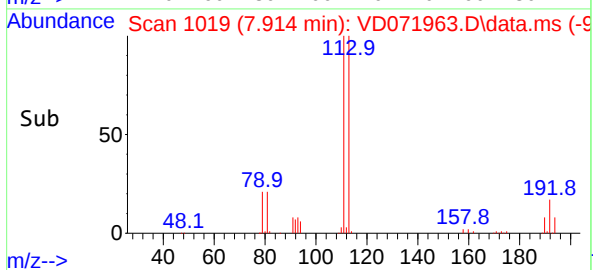
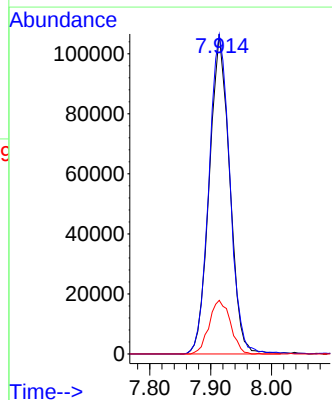
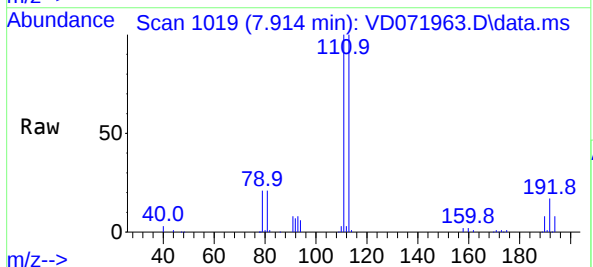
Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	46.6
88	15.8	0.0	33.2

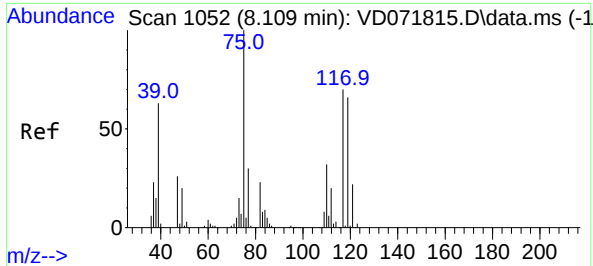


#35
Dibromofluoromethane
Concen: 49.745 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Tgt Ion:113 Resp: 246554

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.8	125.6
192	17.6	14.6	21.8

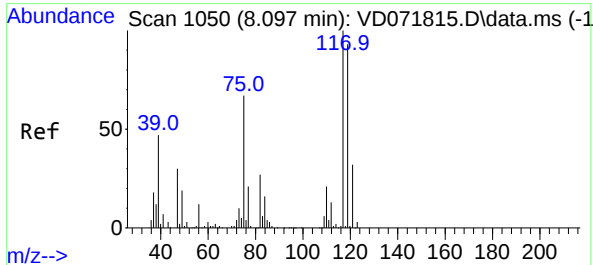
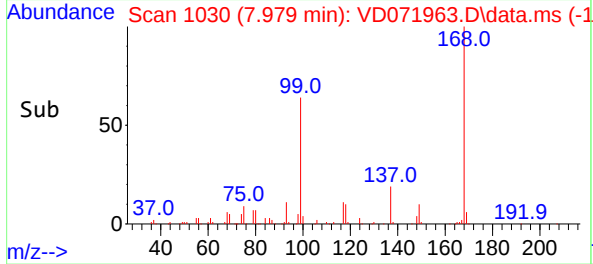
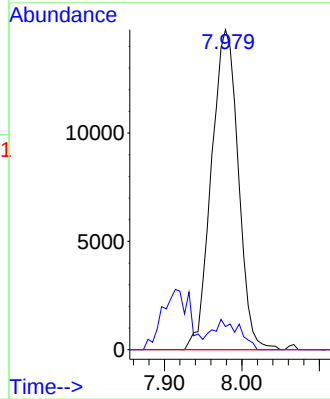
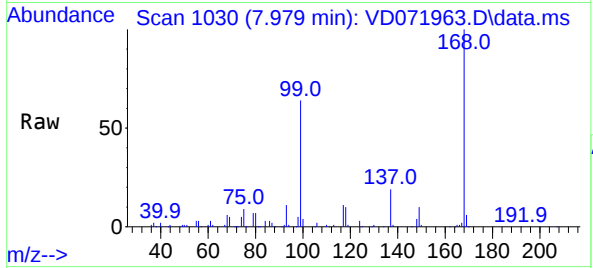




#36
1,1-Dichloropropene
Concen: 4.184 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.136 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

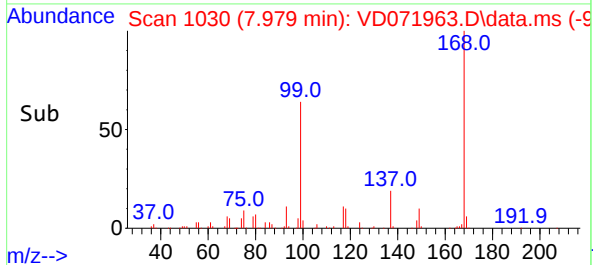
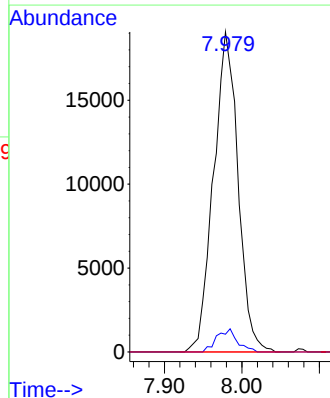
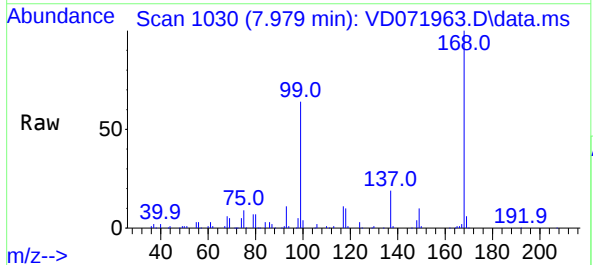
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

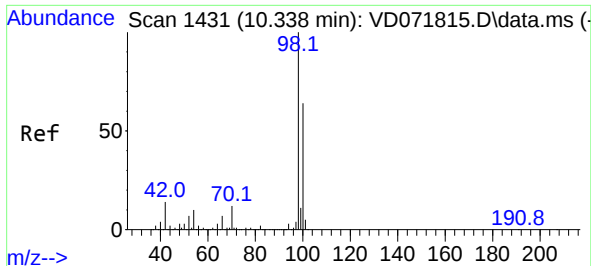
Tgt Ion: 75 Resp: 35589
Ion Ratio Lower Upper
75 100
110 9.4 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 4.986 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Tgt Ion: 117 Resp: 41946
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.5 36.7#

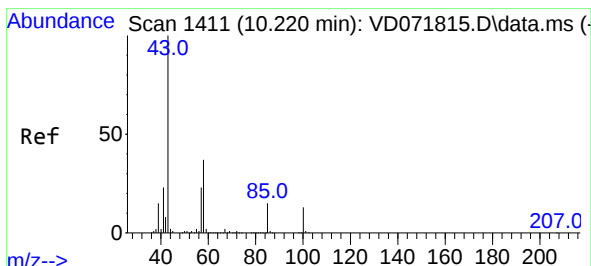
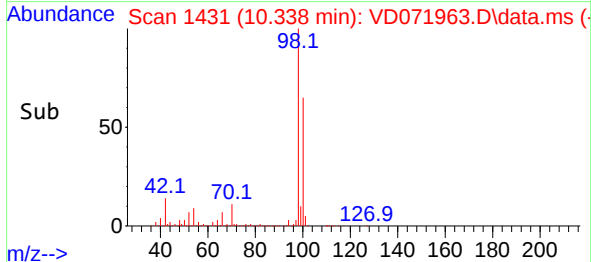
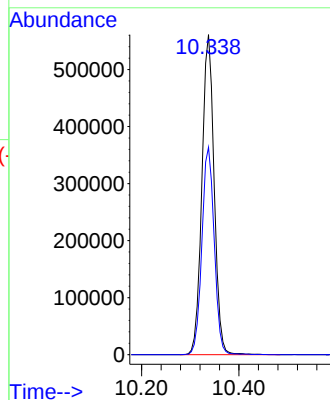
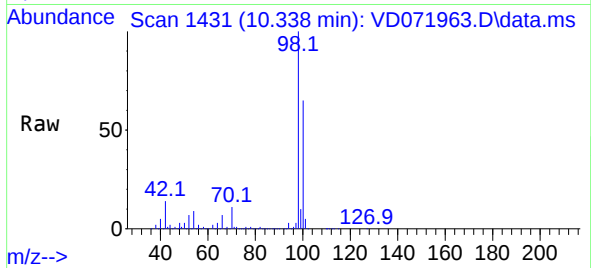




#50
Toluene-d8
Concen: 52.749 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

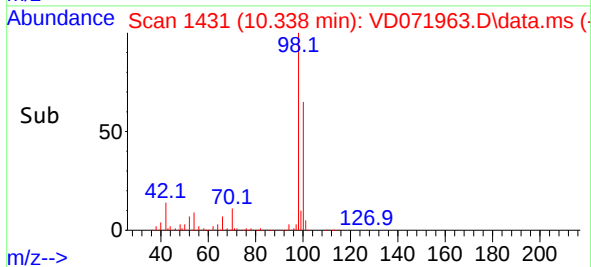
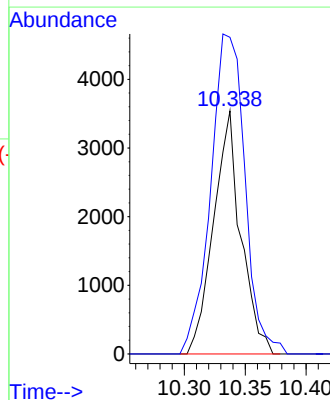
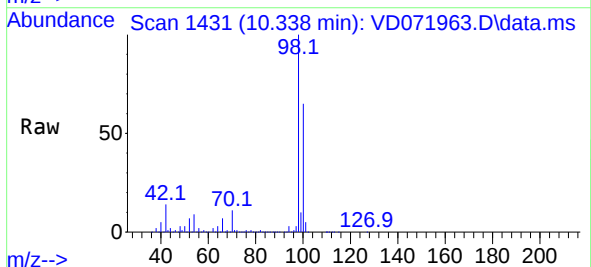
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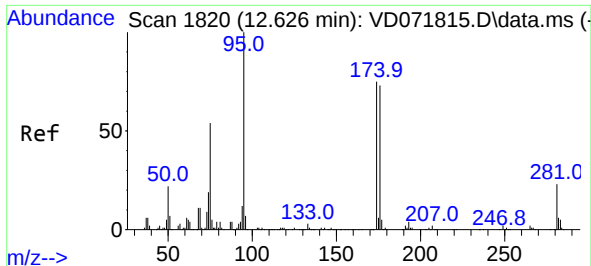
Tgt Ion: 98 Resp: 976392
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.488 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.111 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Tgt Ion: 43 Resp: 5537
Ion Ratio Lower Upper
43 100
58 164.8 28.6 43.0#

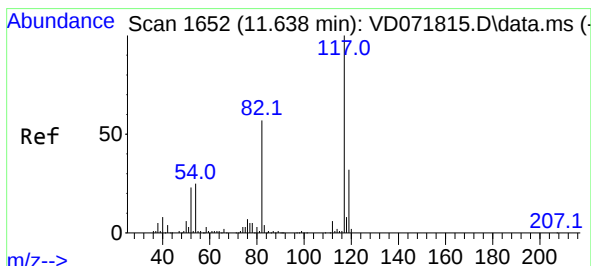
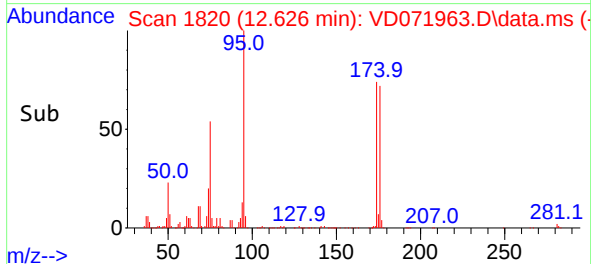
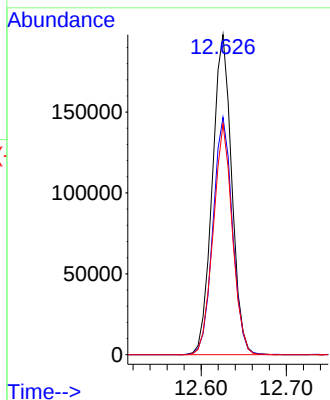
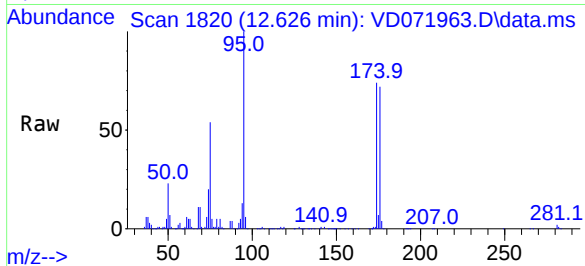




#62
4-Bromofluorobenzene
Concen: 48.327 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

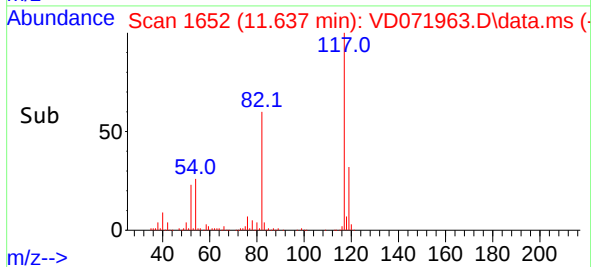
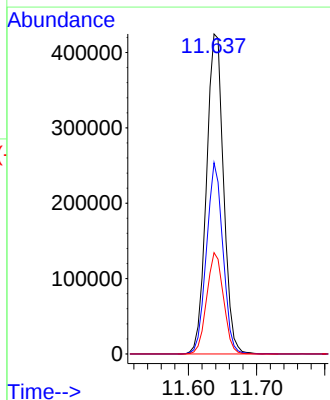
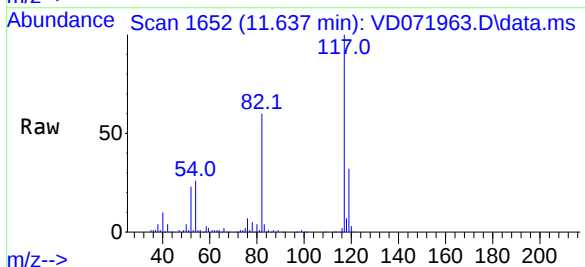
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

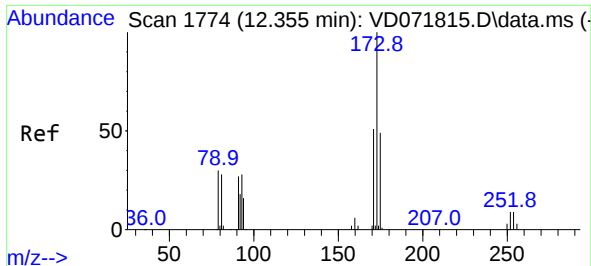
Tgt Ion: 95 Resp: 312387
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 71.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Tgt Ion: 117 Resp: 738543
Ion Ratio Lower Upper
117 100
82 59.8 45.3 67.9
119 31.7 26.6 40.0

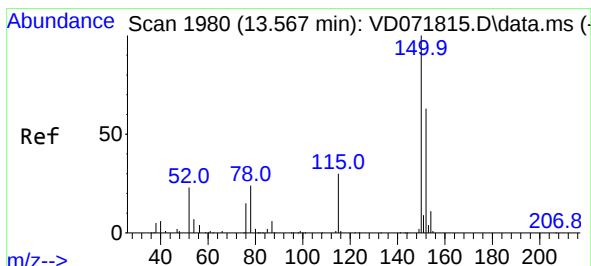
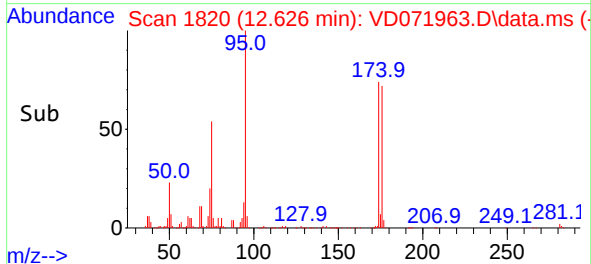
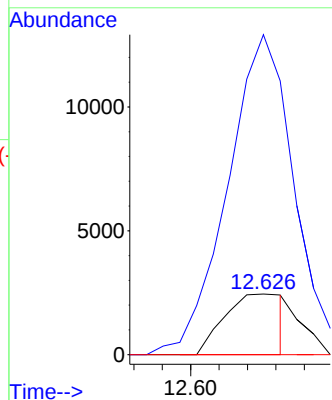
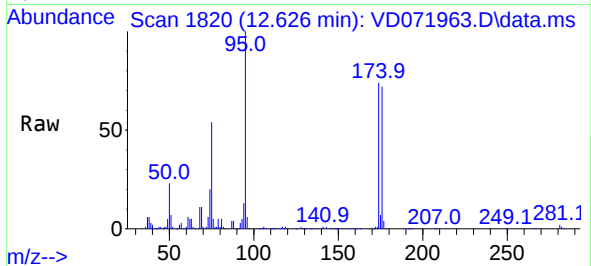




#71
Bromoform
Concen: 1.172 ug/l
RT: 12.626 min Scan# 1774
Delta R.T. 0.270 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

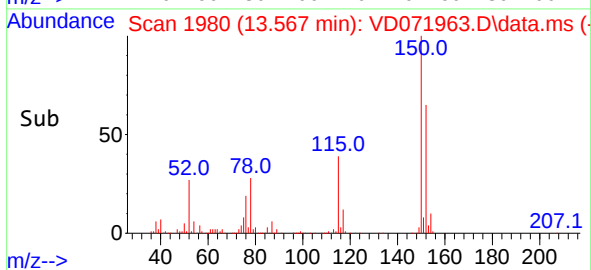
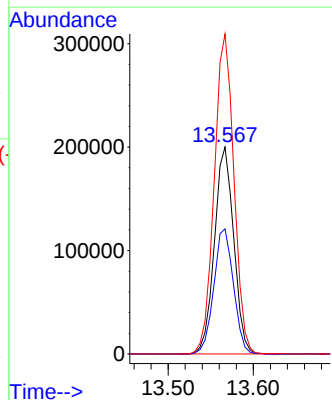
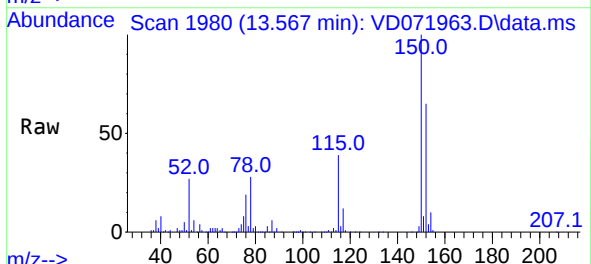
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

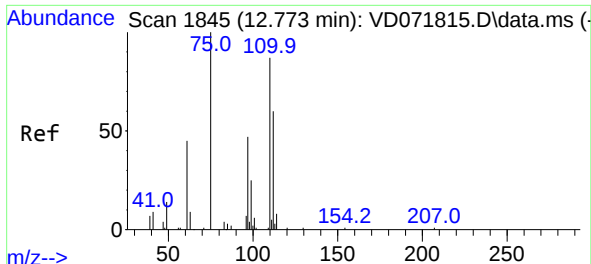
Tgt Ion:173 Resp: 3557
Ion Ratio Lower Upper
173 100
175 488.4 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Tgt Ion:152 Resp: 315267
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.8
150 157.2 0.0 348.6

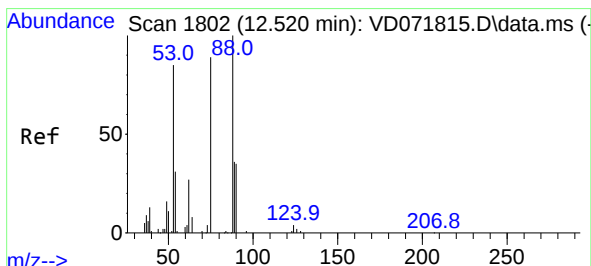
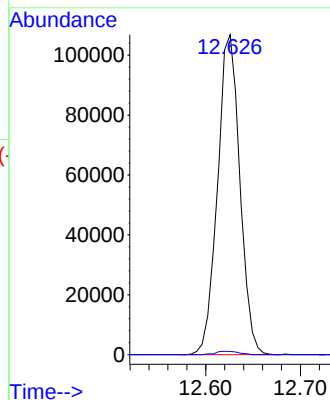
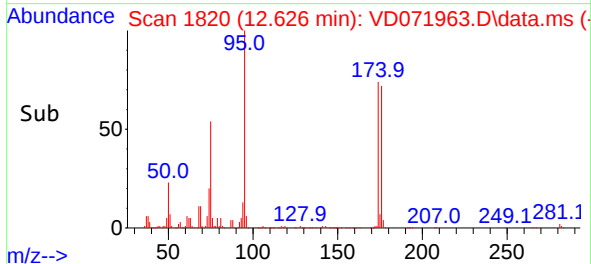
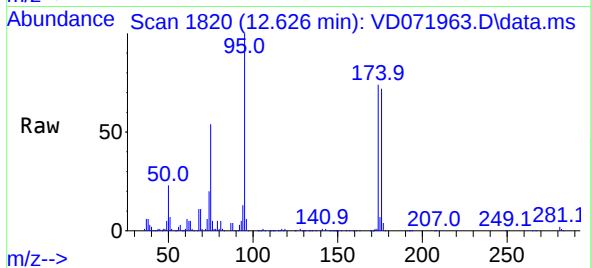




#76
1,2,3-Trichloropropane
Concen: 52.646 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

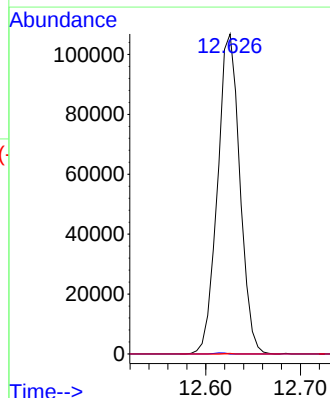
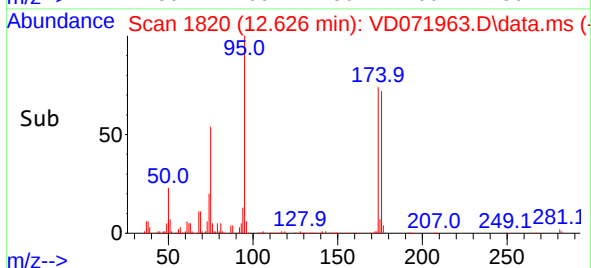
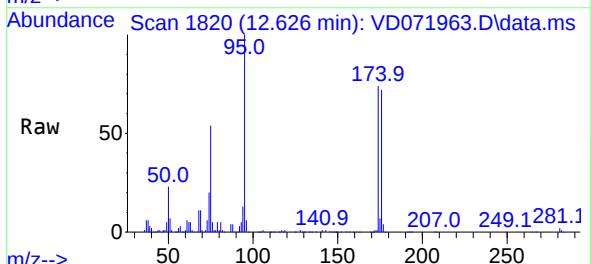
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

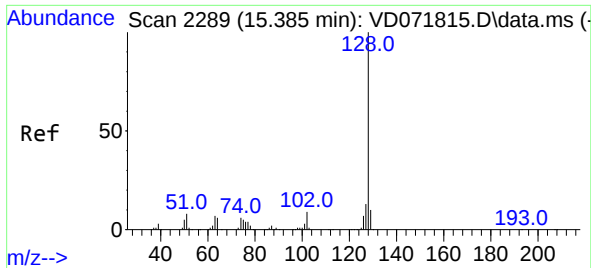
Tgt Ion: 75 Resp: 174917
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.444 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

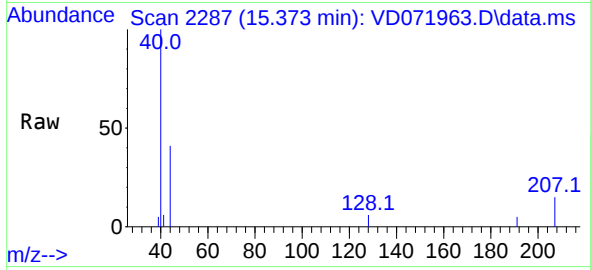
Tgt Ion: 75 Resp: 174917
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.1 33.9 50.9#





#95
Naphthalene
Concen: 1.477 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD071963.D
Acq: 14 Feb 2022 18:05

Instrument :
MSVOA_D
ClientSampleId :
VIBLK



Tgt Ion:	128	Resp:	257
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

