

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020222\
 Data File : VD071880.D
 Acq On : 02 Feb 2022 14:53
 Operator : VA/SY
 Sample : N1356-05
 Misc : 5.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PHC

Quant Time: Feb 03 01:07:48 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)

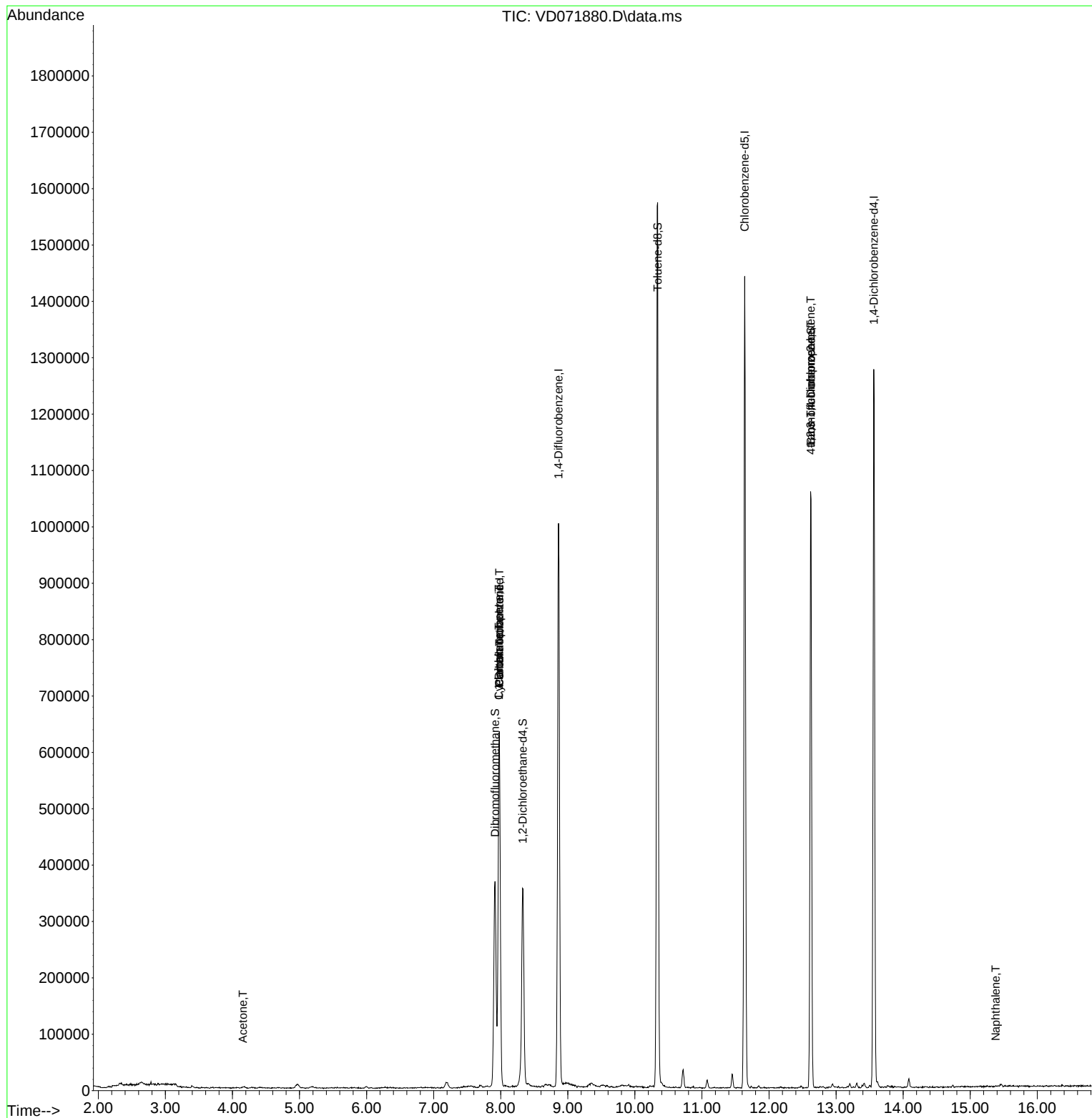
Internal Standards						
1) Pentafluorobenzene	7.979	168	434586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	793919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	742089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	318808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	282908	51.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.000%	
35) Dibromofluoromethane	7.914	113	263209	50.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.880%	
50) Toluene-d8	10.338	98	1014631	52.059	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.120%	
62) 4-Bromofluorobenzene	12.626	95	322008	47.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.620%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.185	59	3041	Below Cal	#	80
16) Acetone	4.156	43	4085	2.717	ug/l	98
20) Methylene Chloride	4.950	84	4424	Below Cal	#	57
31) Cyclohexane	7.973	56	13304	1.269	ug/l	# 27
36) 1,1-Dichloropropene	7.973	75	41355	4.617	ug/l	# 50
38) Carbon Tetrachloride	7.979	117	48274	5.450	ug/l	# 16
76) 1,2,3-Trichloropropane	12.620	75	185783	55.295	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	185783	135.958	ug/l	# 7
95) Naphthalene	15.379	128	959	1.538	ug/l	# 81

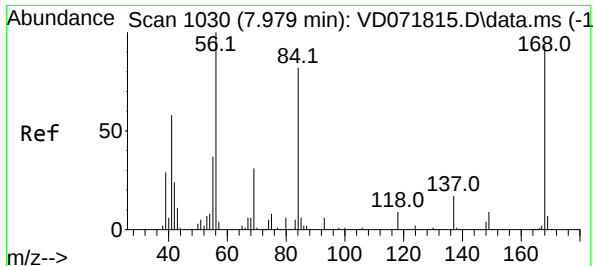
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

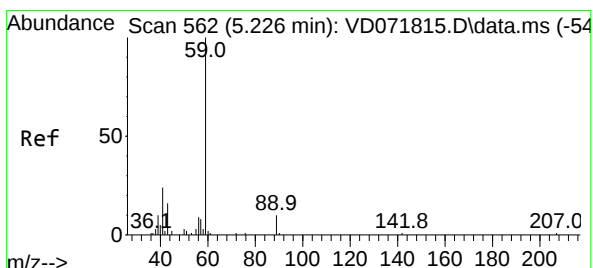
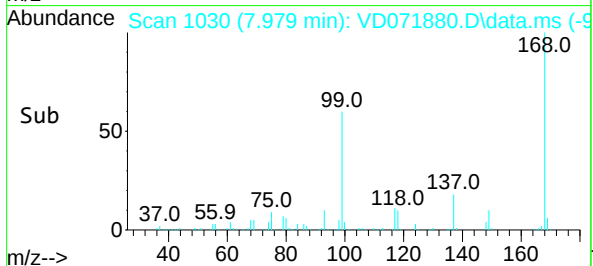
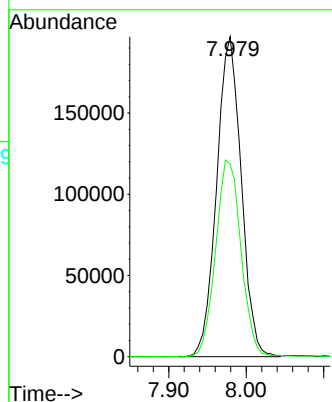
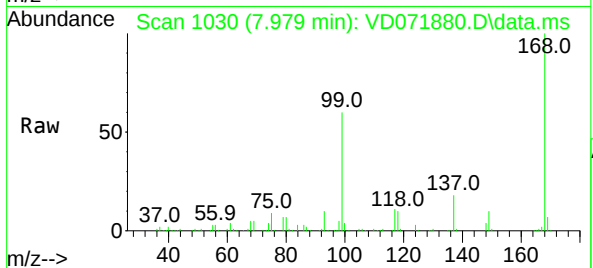




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071880.D
Acq: 02 Feb 2022 14:53

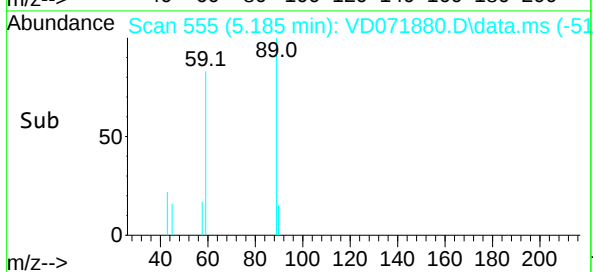
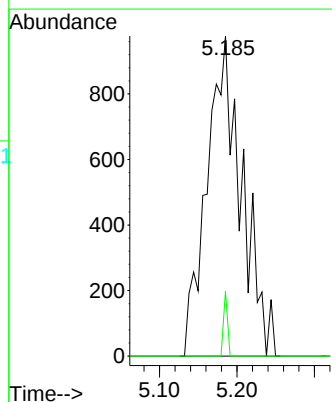
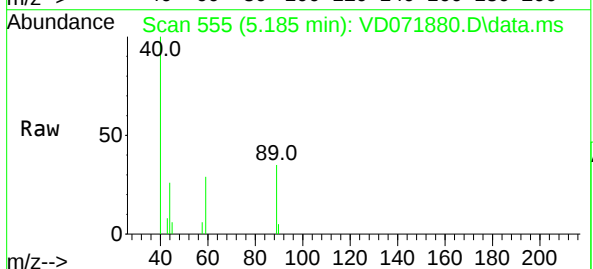
Instrument :
MSVOA_D
ClientSampleId :
B-PHC

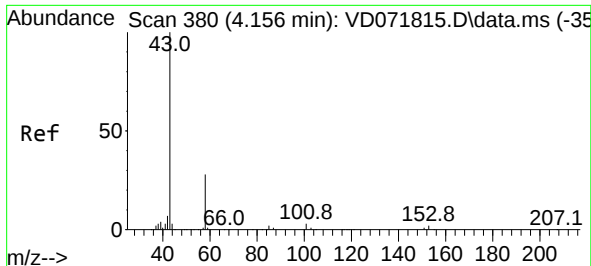
Tgt Ion:168 Resp: 434586
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD071880.D
Acq: 02 Feb 2022 14:53

Tgt Ion: 59 Resp: 3041
Ion Ratio Lower Upper
59 100
57 2.3 7.8 11.6#

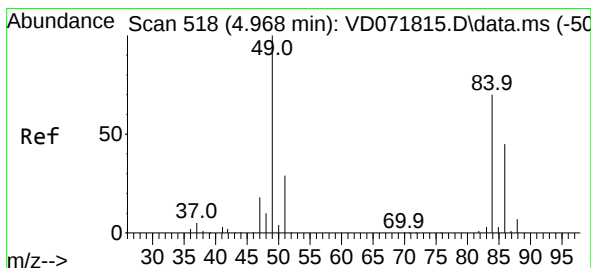
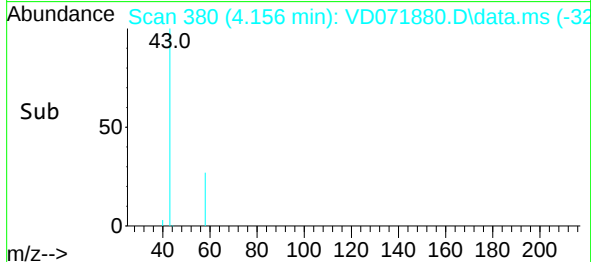
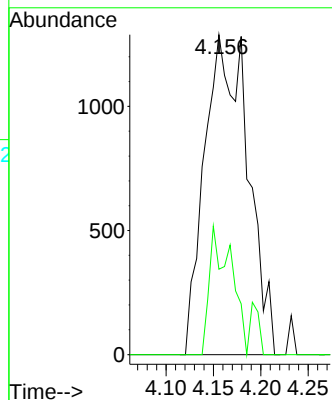
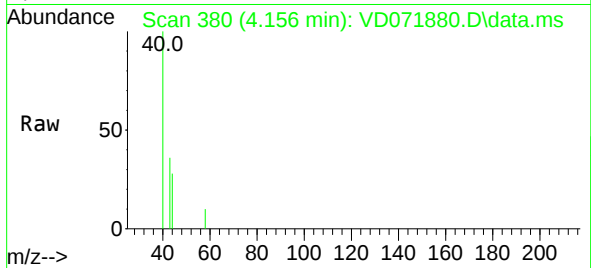




#16
Acetone
Concen: 2.717 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071880.D
Acq: 02 Feb 2022 14:53

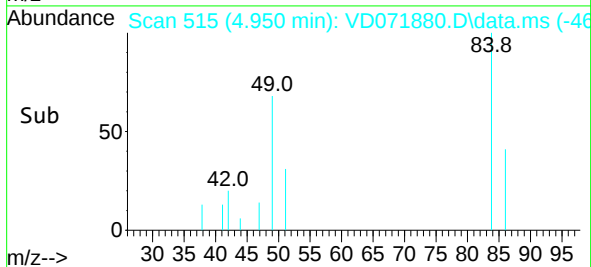
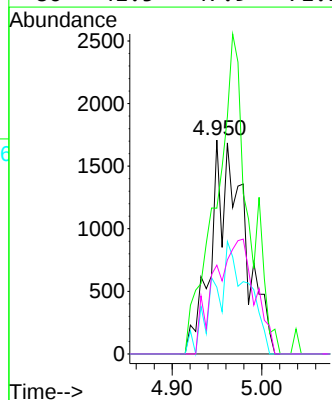
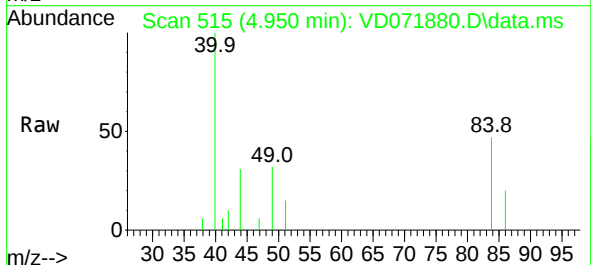
Instrument :
MSVOA_D
ClientSampleId :
B-PHC

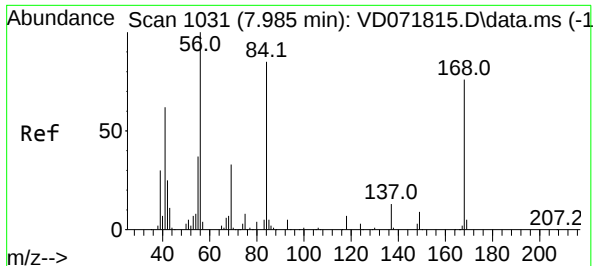
Tgt Ion: 43 Resp: 4085
Ion Ratio Lower Upper
43 100
58 26.7 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.018 min
Lab File: VD071880.D
Acq: 02 Feb 2022 14:53

Tgt Ion: 84 Resp: 4424
Ion Ratio Lower Upper
84 100
49 68.1 112.8 169.2#
51 31.2 32.6 48.8#
86 41.5 47.9 71.9#





#31

Cyclohexane

Concen: 1.269 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071880.D

Acq: 02 Feb 2022 14:53

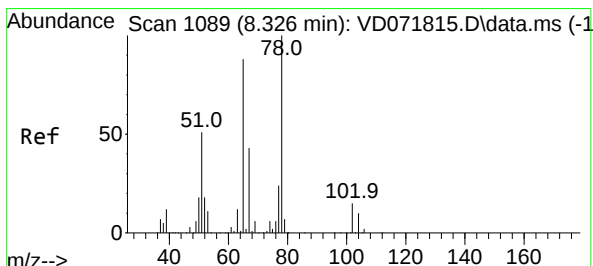
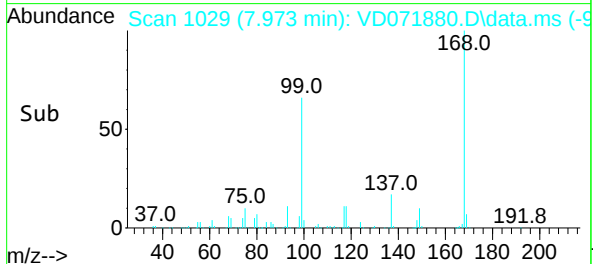
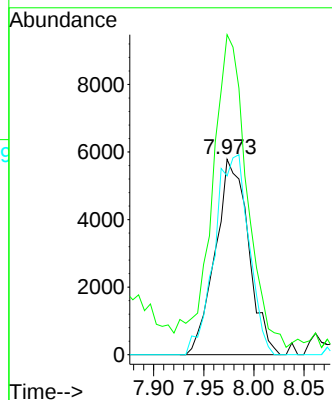
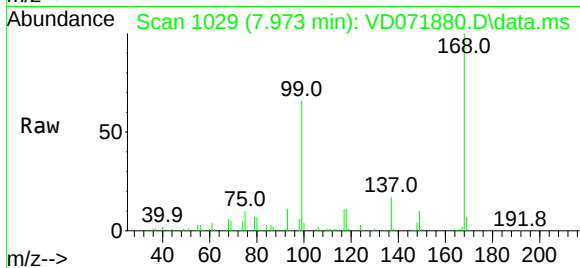
Instrument :

MSVOA_D

ClientSampleId :

B-PHC

Tgt Ion:	56	Resp:	13304
Ion Ratio	Lower	Upper	
56	100		
69	153.3	25.4	38.2#
84	91.5	63.0	94.4



#33

1,2-Dichloroethane-d4

Concen: 51.504 ug/l

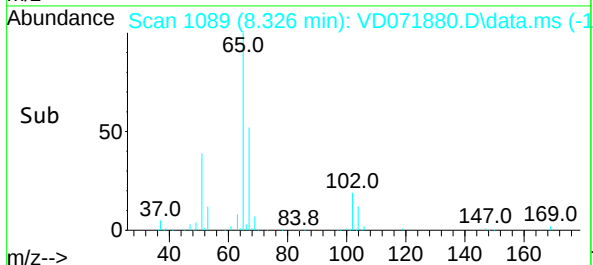
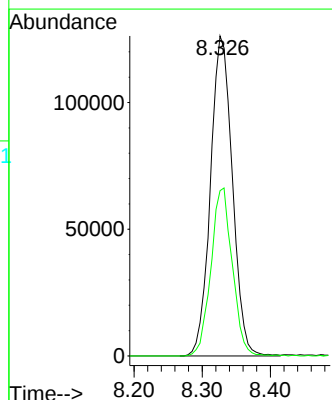
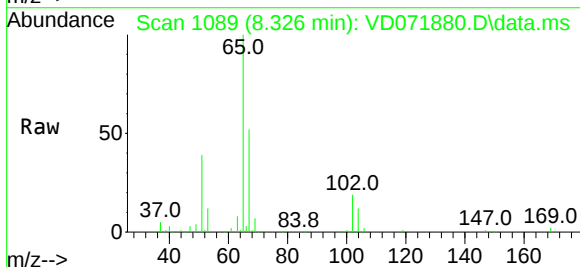
RT: 8.326 min Scan# 1089

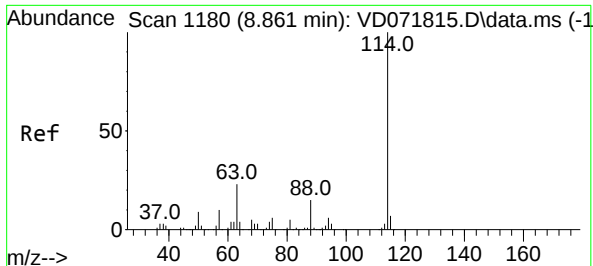
Delta R.T. 0.000 min

Lab File: VD071880.D

Acq: 02 Feb 2022 14:53

Tgt Ion:	65	Resp:	282908
Ion Ratio	Lower	Upper	
65	100		
67	51.1	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: VD071880.D

Acq: 02 Feb 2022 14:53

Instrument :

MSVOA_D

ClientSampleId :

B-PHC

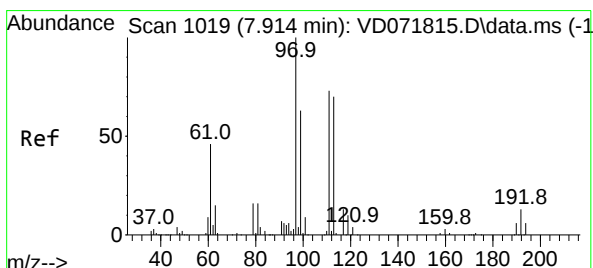
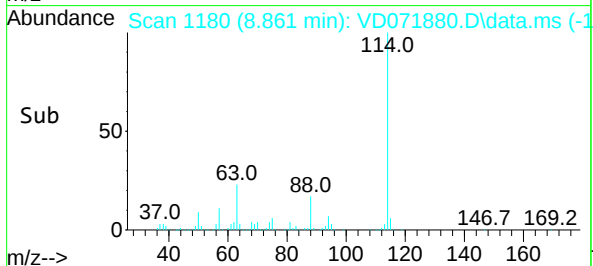
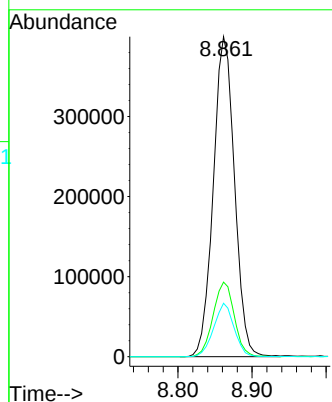
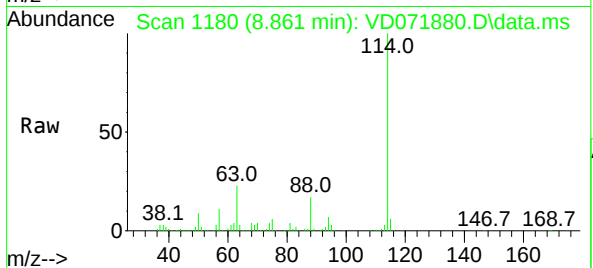
Tgt Ion:114 Resp: 793919

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.6

88 16.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.436 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071880.D

Acq: 02 Feb 2022 14:53

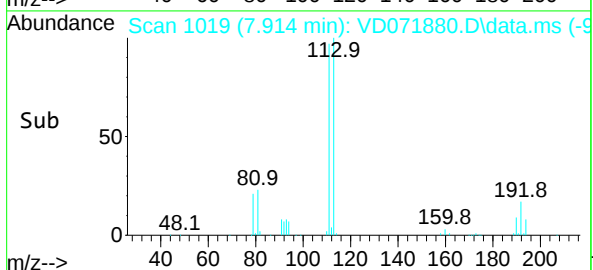
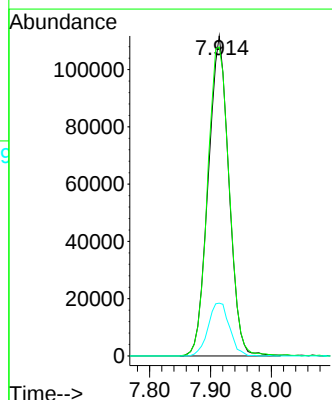
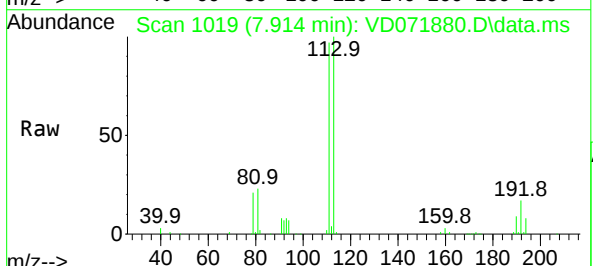
Tgt Ion:113 Resp: 263209

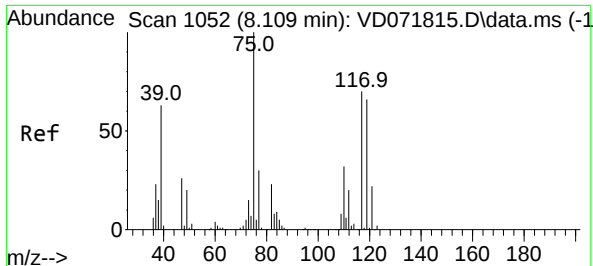
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 17.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.617 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071880.D

Acq: 02 Feb 2022 14:53

Instrument :

MSVOA_D

ClientSampleId :

B-PHC

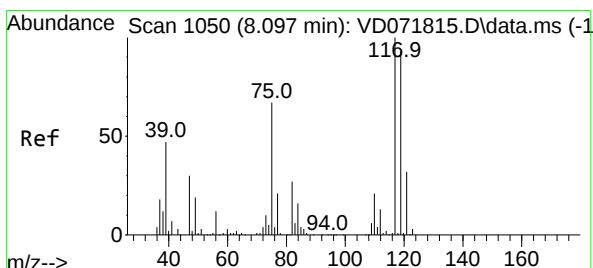
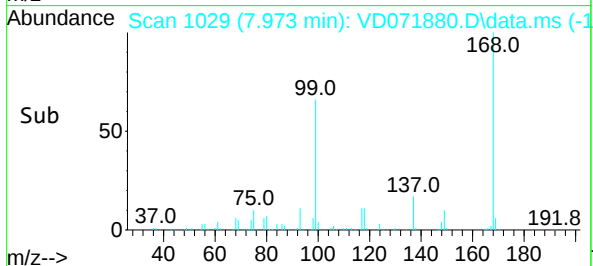
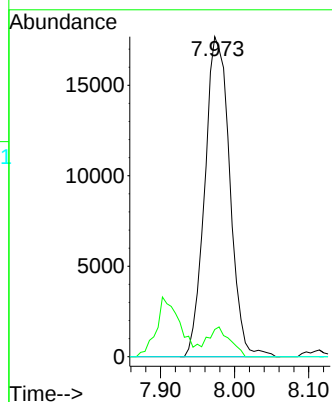
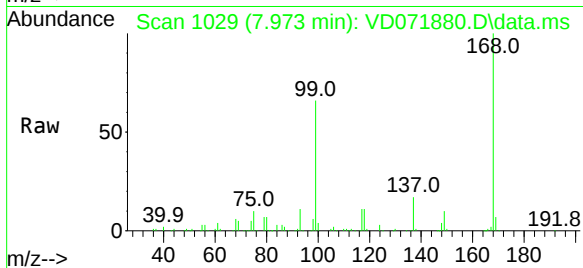
Tgt Ion: 75 Resp: 41355

Ion Ratio Lower Upper

75 100

110 7.9 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.450 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071880.D

Acq: 02 Feb 2022 14:53

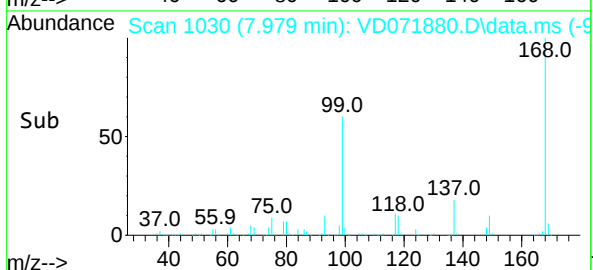
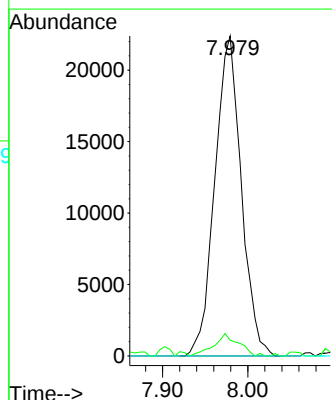
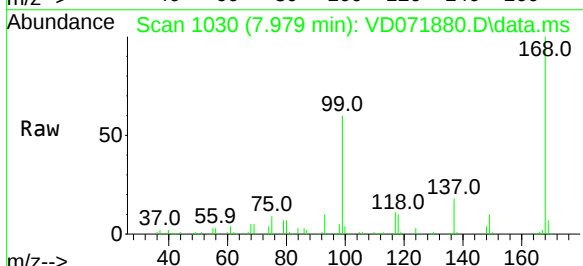
Tgt Ion: 117 Resp: 48274

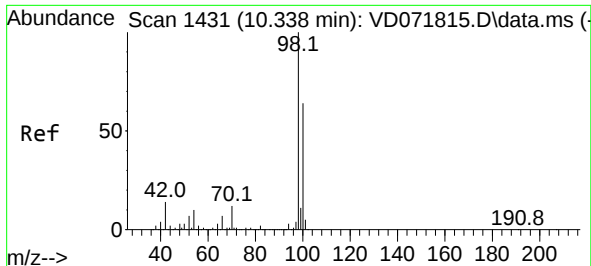
Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

121 0.0 24.5 36.7#

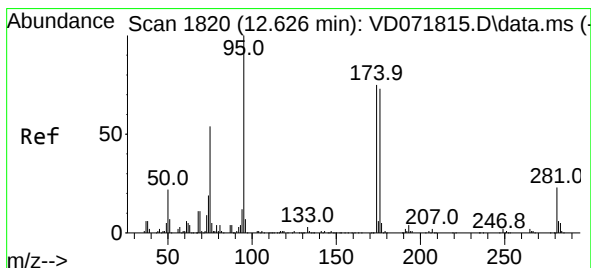
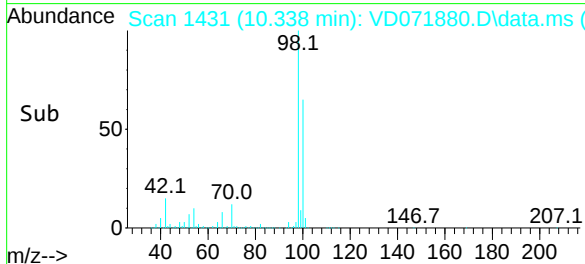
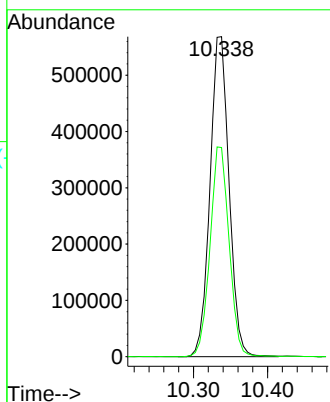
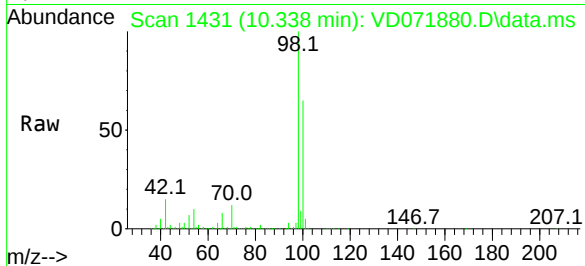




#50
Toluene-d8
Concen: 52.059 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071880.D
Acq: 02 Feb 2022 14:53

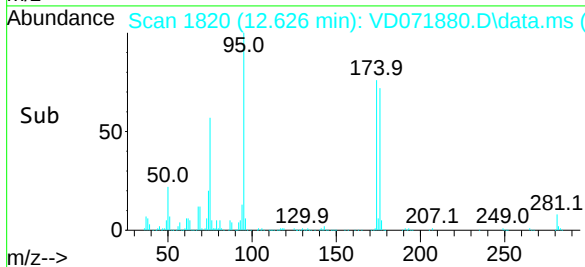
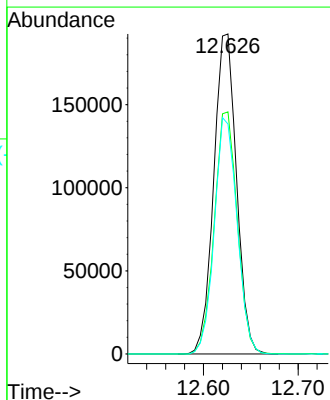
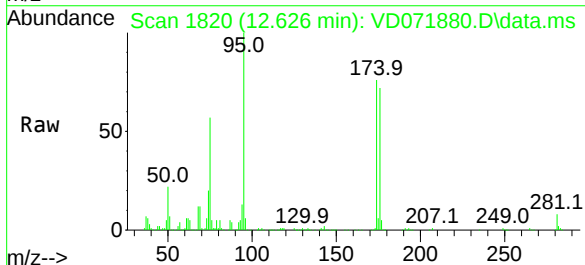
Instrument :
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ClientSampleId :
B-PHC

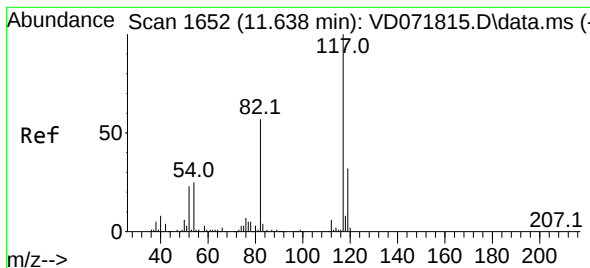
Tgt Ion: 98 Resp: 1014631
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.311 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071880.D
Acq: 02 Feb 2022 14:53

Tgt Ion: 95 Resp: 322008
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 73.7 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071880.D

Acq: 02 Feb 2022 14:53

Instrument :

MSVOA_D

ClientSampleId :

B-PHC

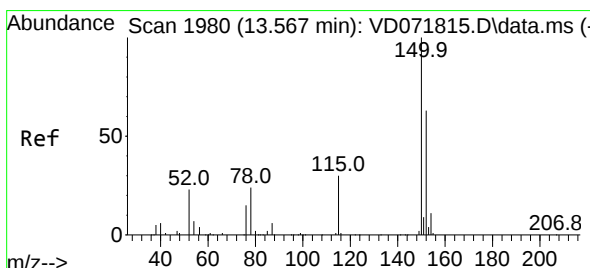
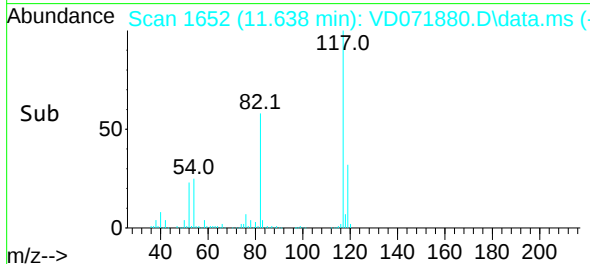
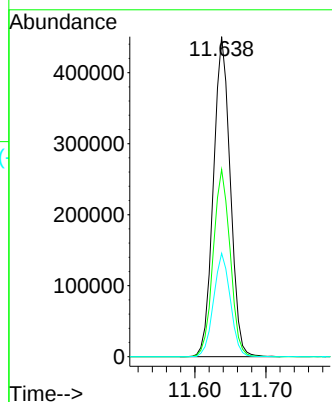
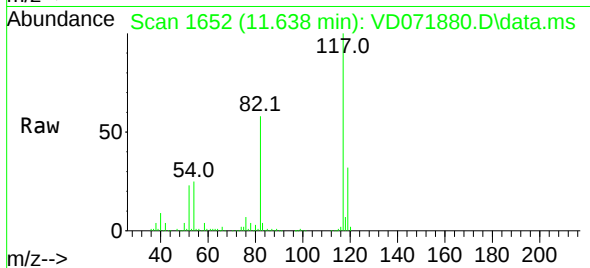
Tgt Ion:117 Resp: 742089

Ion Ratio Lower Upper

117 100

82 58.5 45.3 67.9

119 32.3 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD071880.D

Acq: 02 Feb 2022 14:53

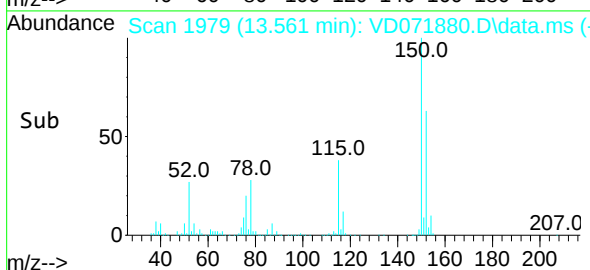
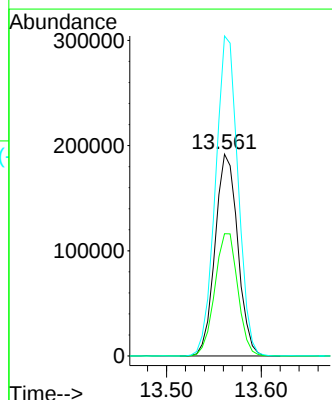
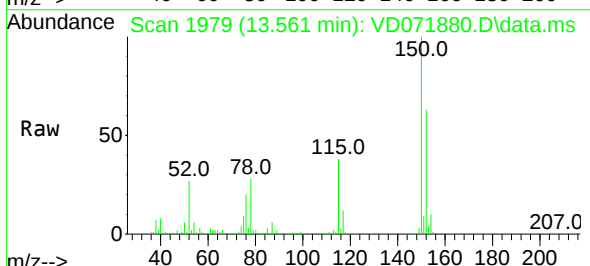
Tgt Ion:152 Resp: 318808

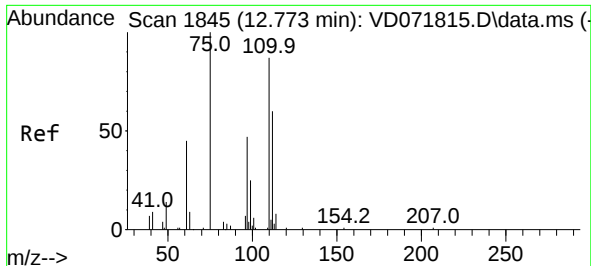
Ion Ratio Lower Upper

152 100

115 61.7 31.3 93.8

150 157.6 0.0 348.6

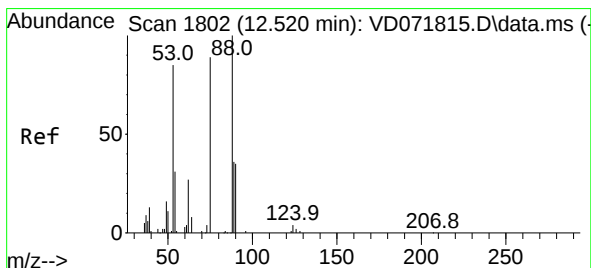
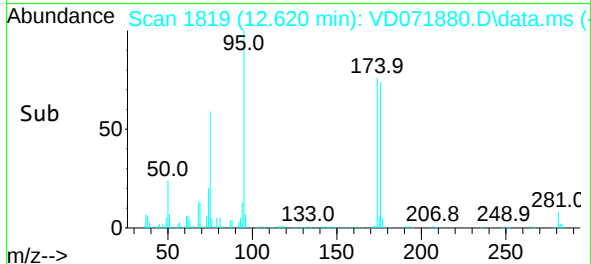
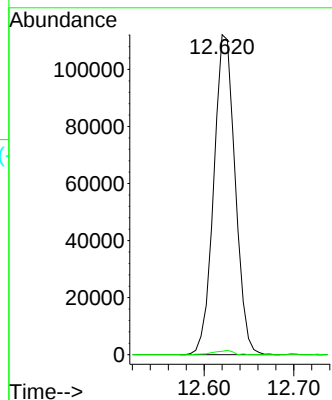
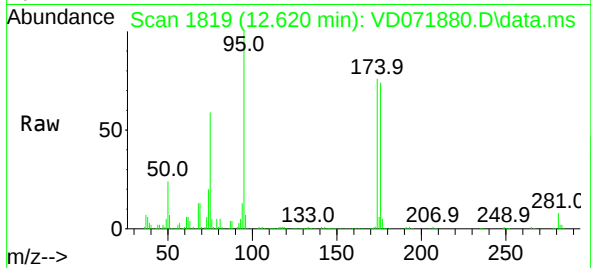




#76
1,2,3-Trichloropropane
Concen: 55.295 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071880.D
Acq: 02 Feb 2022 14:53

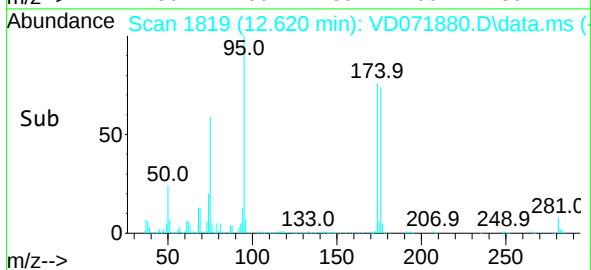
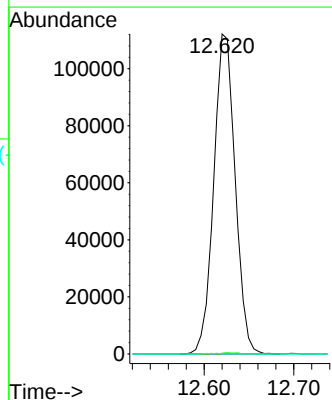
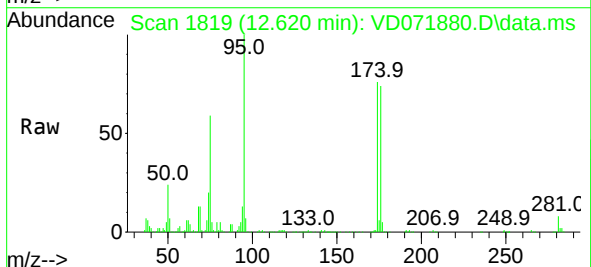
Instrument :
MSVOA_D
ClientSampleId :
B-PHC

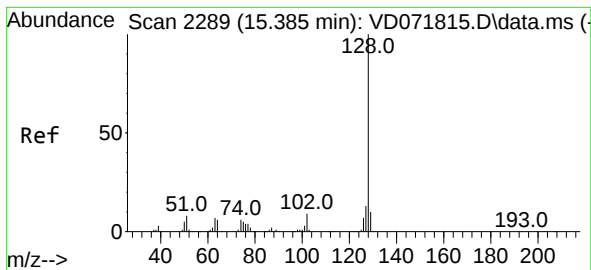
Tgt Ion: 75 Resp: 185783
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.958 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071880.D
Acq: 02 Feb 2022 14:53

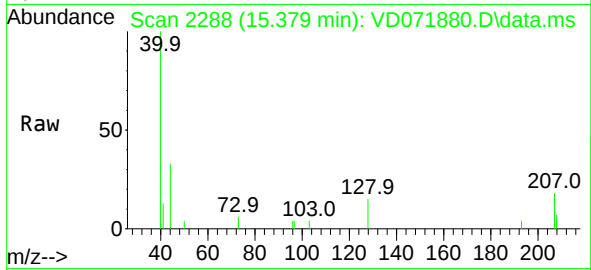
Tgt Ion: 75 Resp: 185783
Ion Ratio Lower Upper
75 100
53 0.3 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 1.538 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071880.D
Acq: 02 Feb 2022 14:53

Instrument :
MSVOA_D
ClientSampleId :
B-PHC



Tgt Ion:128 Resp: 959
Ion Ratio Lower Upper
128 100
127 8.2 10.3 15.5#
129 0.0 8.4 12.6#

