

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072359.D
 Acq On : 22 Mar 2022 12:46
 Operator : VA/SY
 Sample : N1949-06
 Misc : 5.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH1-031422-5-6-DUP

Quant Time: Mar 23 01:11:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

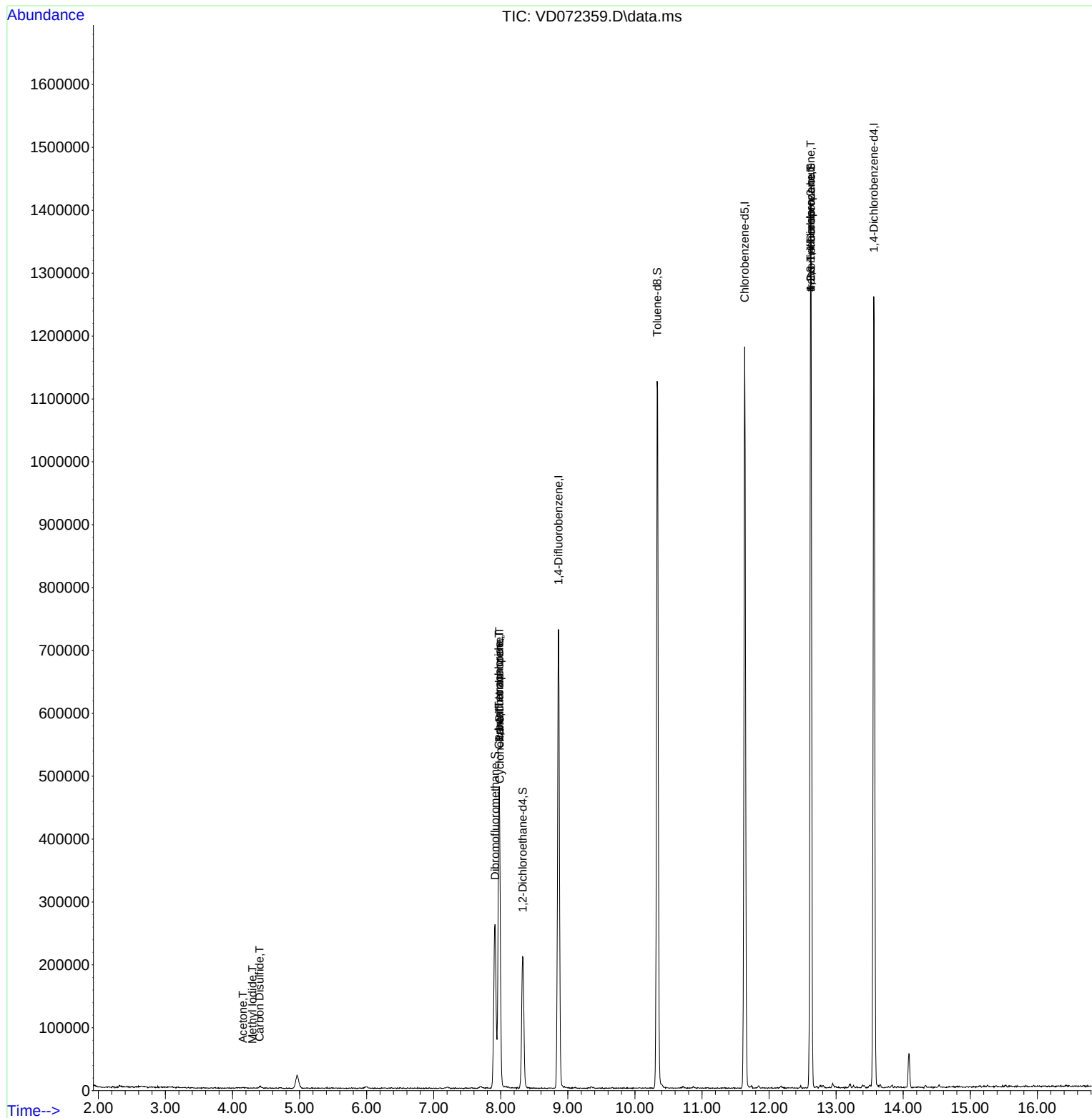
Internal Standards						
1) Pentafluorobenzene	7.979	168	348290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	595311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	657922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	333415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175994	45.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.680%
35) Dibromofluoromethane	7.914	113	191803	45.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.560%
50) Toluene-d8	10.332	98	762256	49.762	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.626	95	334120	56.137	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.280%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	816	2.446	ug/l #	57
16) Acetone	4.156	43	2407	2.856	ug/l #	89
17) Carbon Disulfide	4.403	76	5146	2.169	ug/l #	94
20) Methylene Chloride	4.967	84	16399	Below Cal	#	74
31) Cyclohexane	7.985	56	8566	1.413	ug/l #	35
36) 1,1-Dichloropropene	7.979	75	29761	5.064	ug/l #	51
38) Carbon Tetrachloride	7.973	117	37119	5.556	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	176726	48.051	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	176726	119.220	ug/l #	8

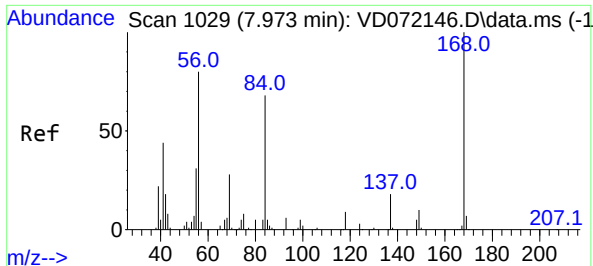
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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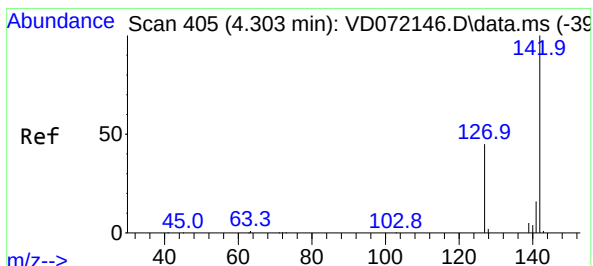
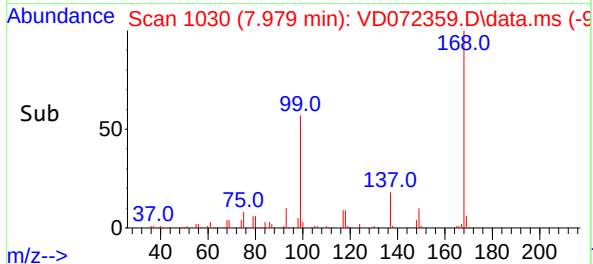
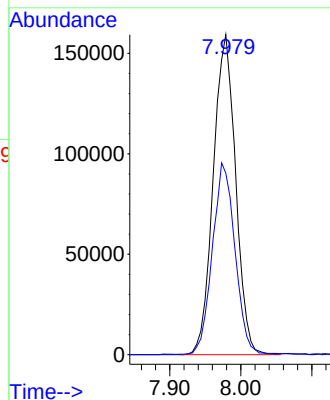
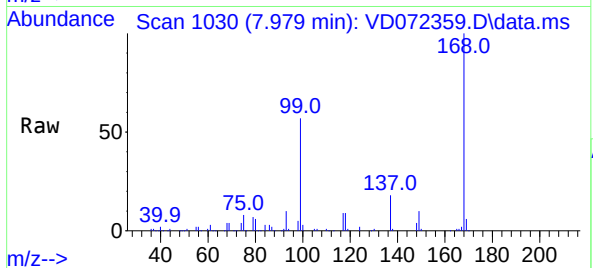




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

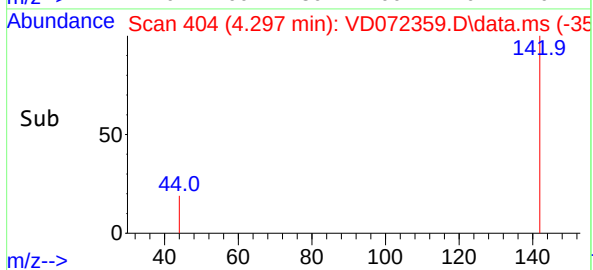
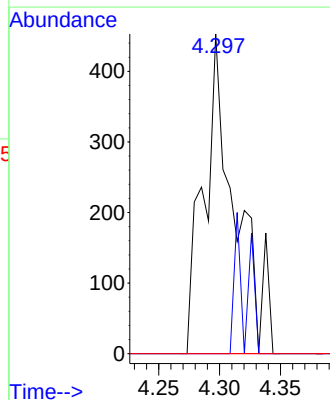
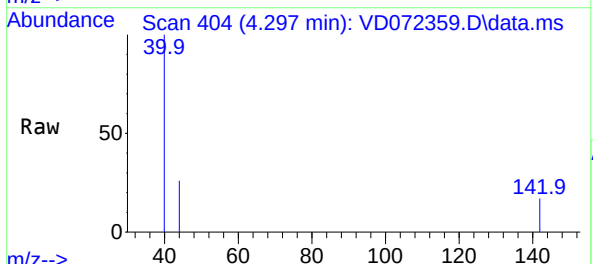
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6-DUP

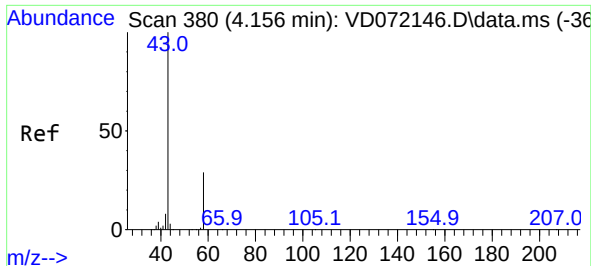
Tgt Ion:168 Resp: 348290
Ion Ratio Lower Upper
168 100
99 56.5 49.8 74.6



#10
Methyl Iodide
Concen: 2.446 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

Tgt Ion:142 Resp: 816
Ion Ratio Lower Upper
142 100
127 16.1 37.3 55.9#
141 0.0 11.7 17.5#

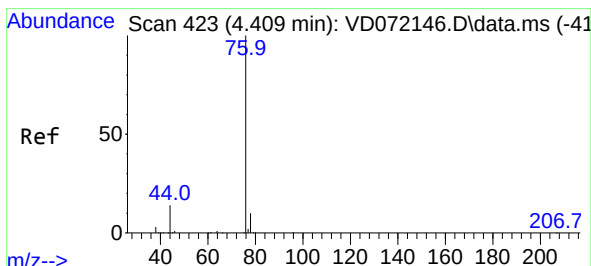
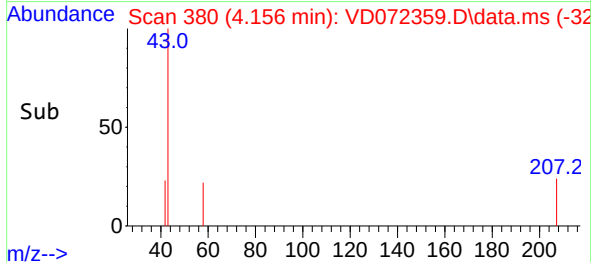
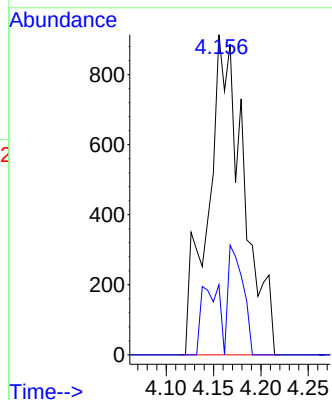
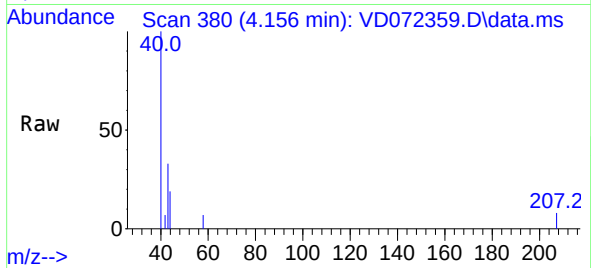




#16
Acetone
Concen: 2.856 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

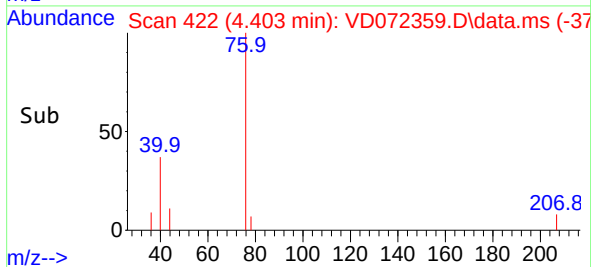
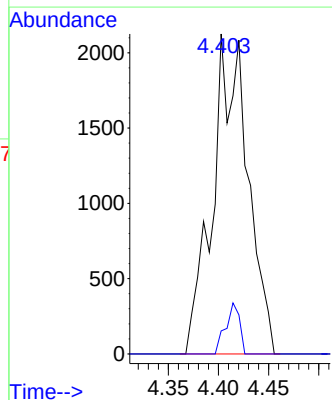
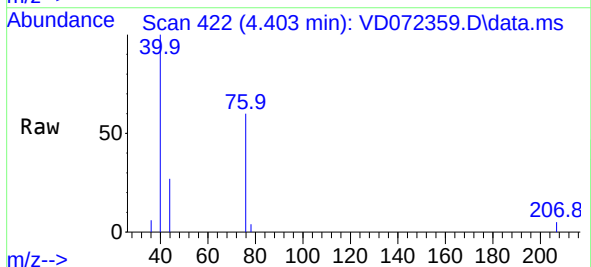
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6-DUP

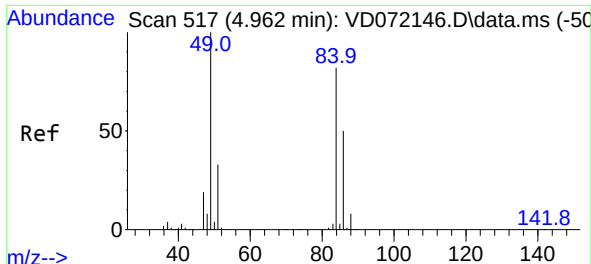
Tgt Ion: 43 Resp: 2407
Ion Ratio Lower Upper
43 100
58 21.9 22.1 33.1#



#17
Carbon Disulfide
Concen: 2.169 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

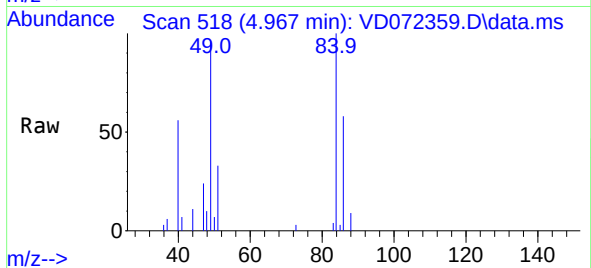
Tgt Ion: 76 Resp: 5146
Ion Ratio Lower Upper
76 100
78 7.2 7.5 11.3#





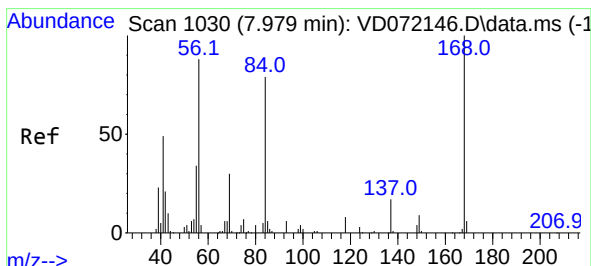
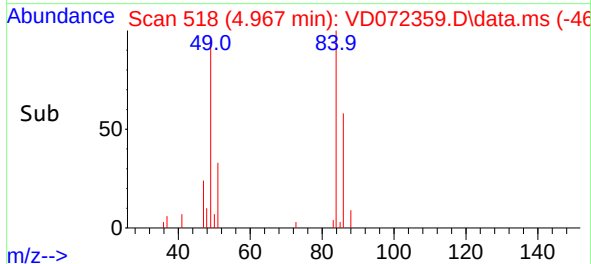
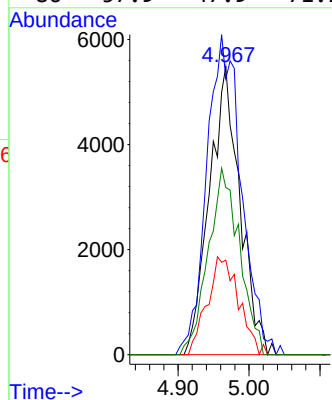
#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6-DUP



Tgt Ion: 84 Resp: 16399

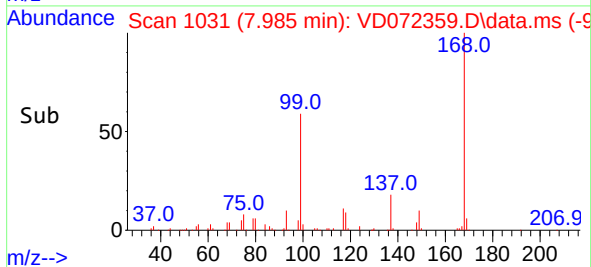
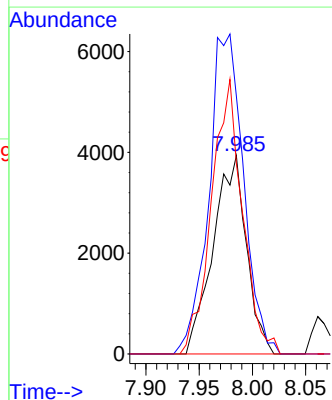
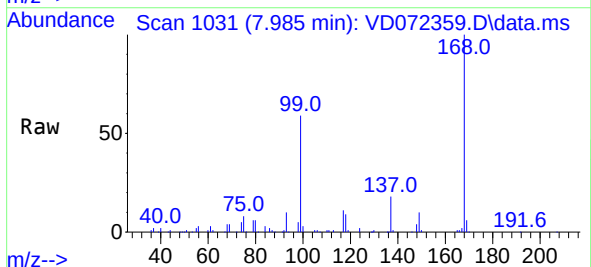
Ion	Ratio	Lower	Upper
84	100		
49	93.1	112.8	169.2#
51	32.8	32.6	48.8
86	57.9	47.9	71.9

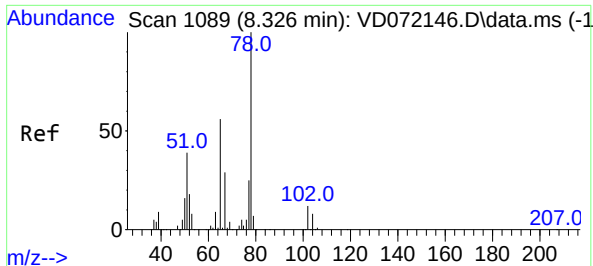


#31
Cyclohexane
Concen: 1.413 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

Tgt Ion: 56 Resp: 8566

Ion	Ratio	Lower	Upper
56	100		
69	130.0	25.4	38.2#
84	96.1	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 45.342 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072359.D

Acq: 22 Mar 2022 12:46

Instrument :

MSVOA_D

ClientSampleId :

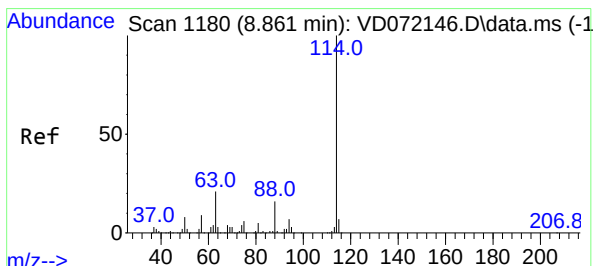
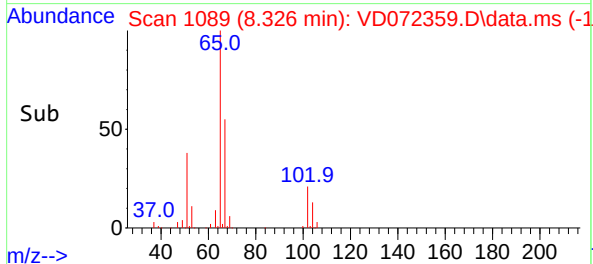
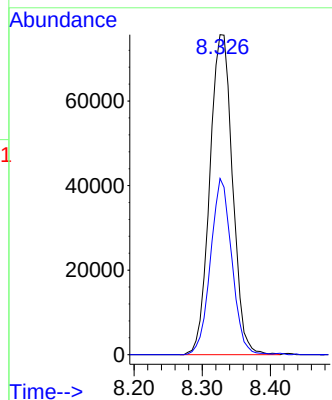
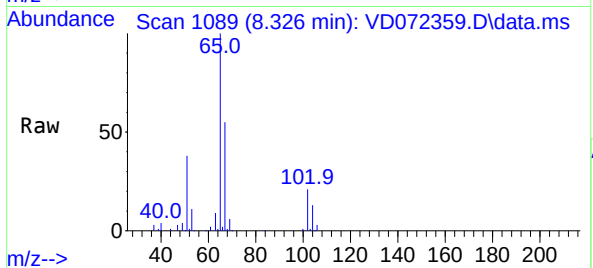
CP-BH1-031422-5-6-DUP

Tgt Ion: 65 Resp: 175994

Ion Ratio Lower Upper

65 100

67 51.5 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: VD072359.D

Acq: 22 Mar 2022 12:46

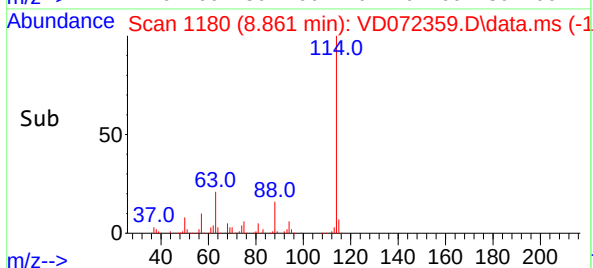
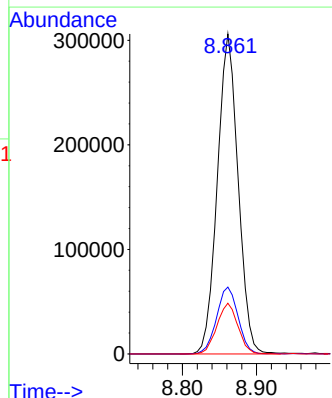
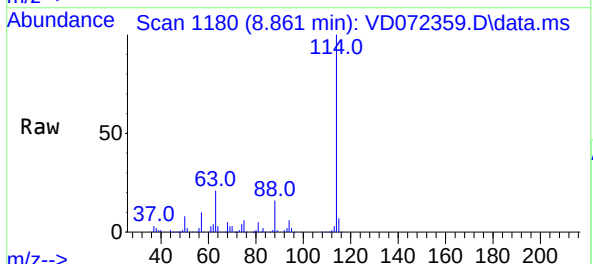
Tgt Ion: 114 Resp: 595311

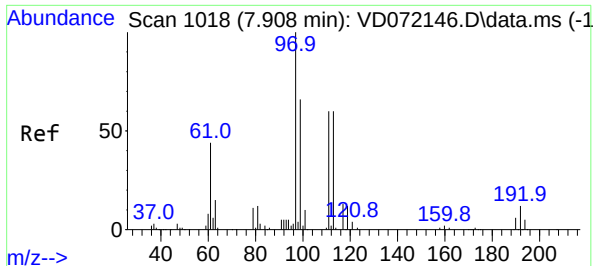
Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 15.8 0.0 33.2

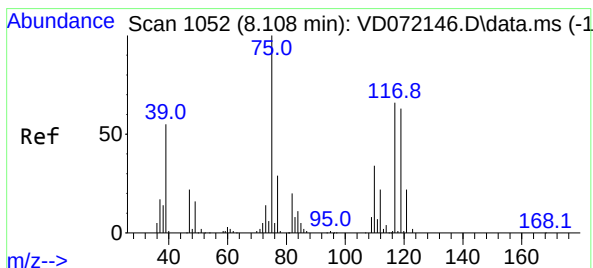
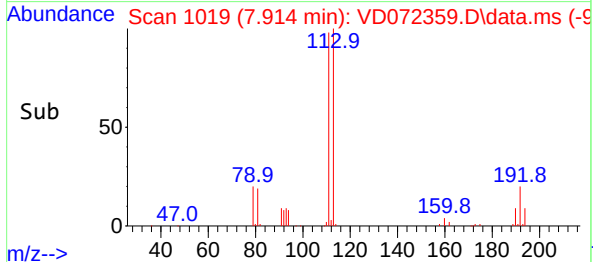
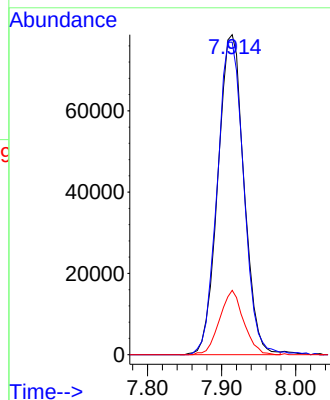
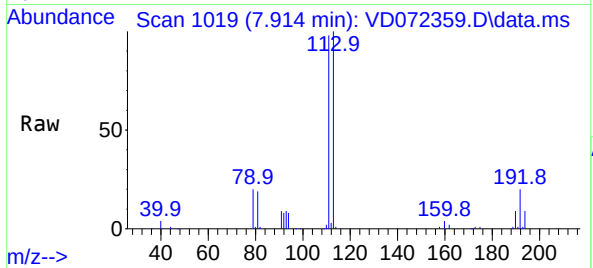




#35
Dibromofluoromethane
Concen: 45.785 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

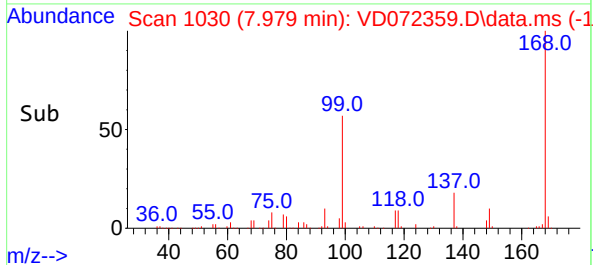
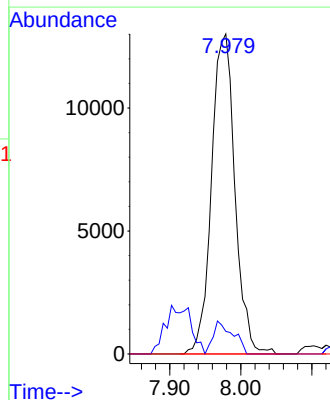
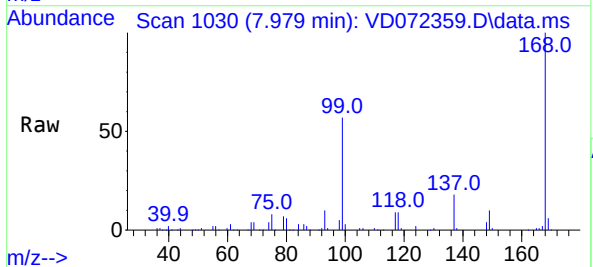
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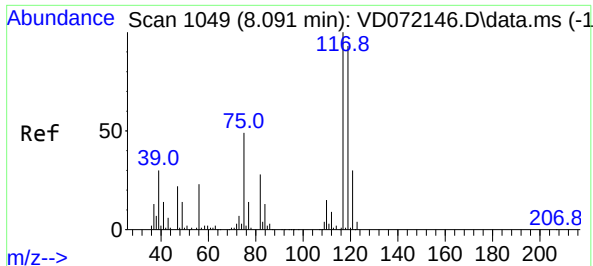
Tgt Ion:113 Resp: 191803
Ion Ratio Lower Upper
113 100
111 100.0 83.8 125.6
192 18.6 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.064 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

Tgt Ion: 75 Resp: 29761
Ion Ratio Lower Upper
75 100
110 8.7 16.4 49.1#
77 0.0 24.2 36.2#

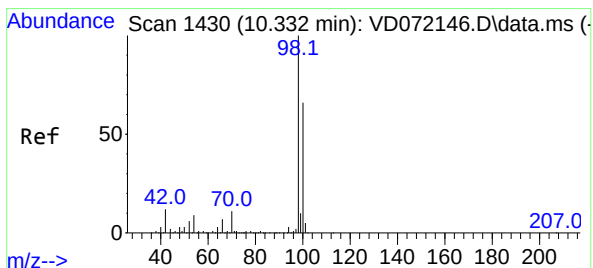
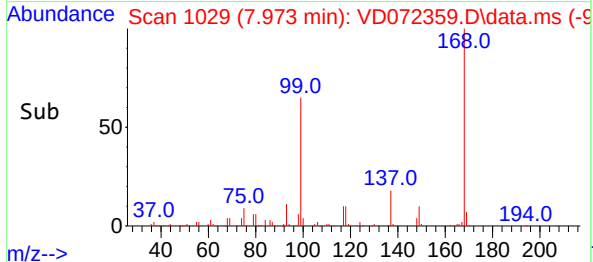
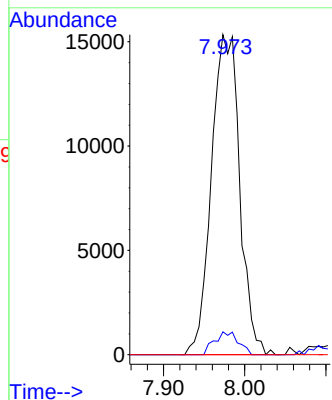
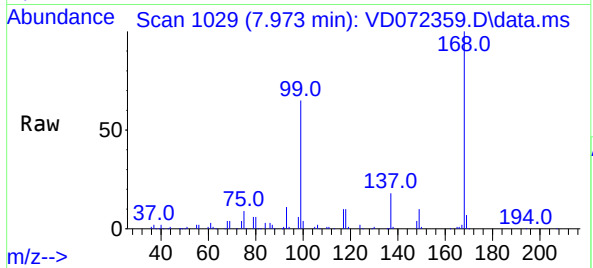




#38
Carbon Tetrachloride
Concen: 5.556 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

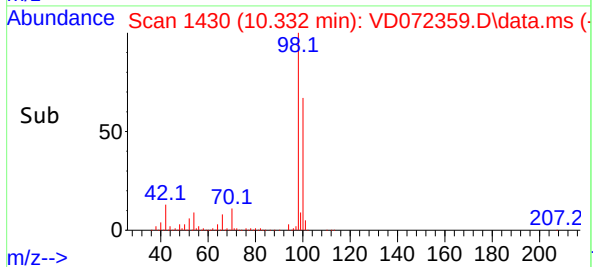
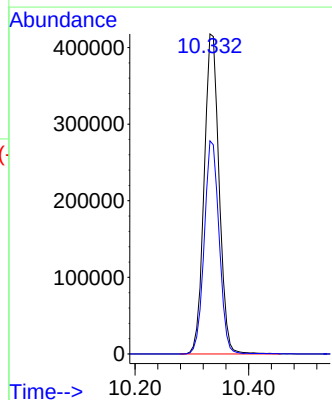
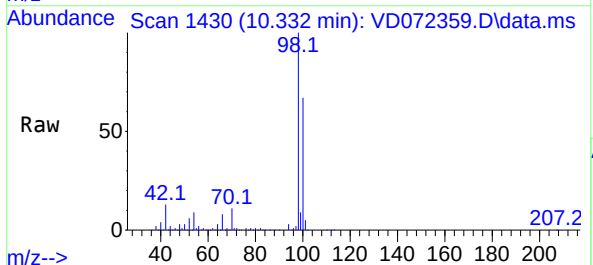
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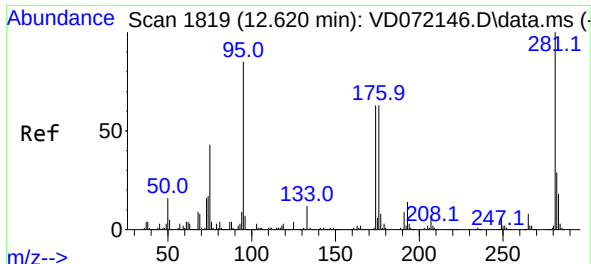
Tgt Ion:117 Resp: 37119
Ion Ratio Lower Upper
117 100
119 7.2 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.762 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

Tgt Ion: 98 Resp: 762256
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 56.137 ug/l

RT: 12.626 min Scan# 1819

Delta R.T. 0.006 min

Lab File: VD072359.D

Acq: 22 Mar 2022 12:46

Instrument :

MSVOA_D

ClientSampleId :

CP-BH1-031422-5-6-DUP

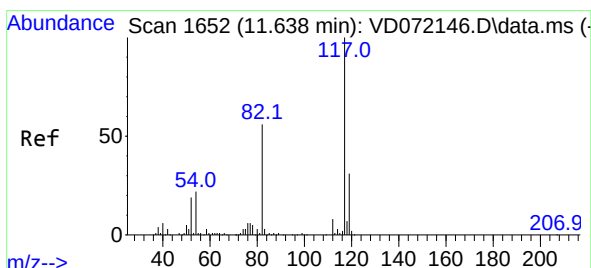
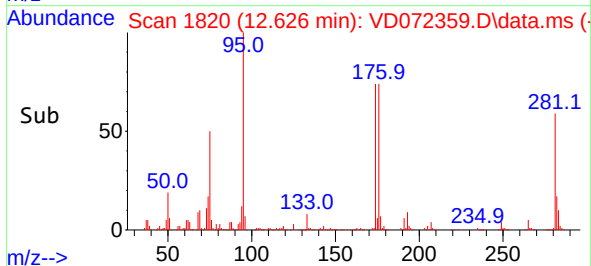
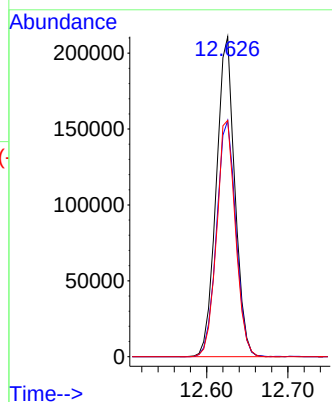
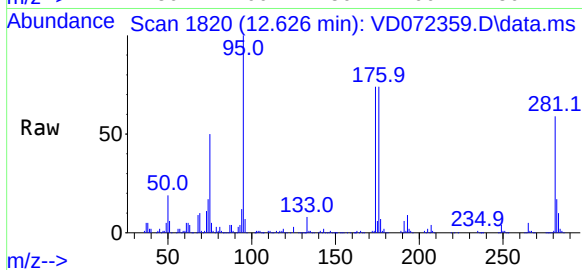
Tgt Ion: 95 Resp: 334120

Ion Ratio Lower Upper

95 100

174 76.7 0.0 152.8

176 74.9 0.0 145.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1652

Delta R.T. -0.000 min

Lab File: VD072359.D

Acq: 22 Mar 2022 12:46

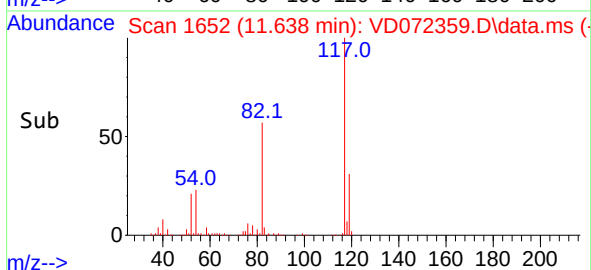
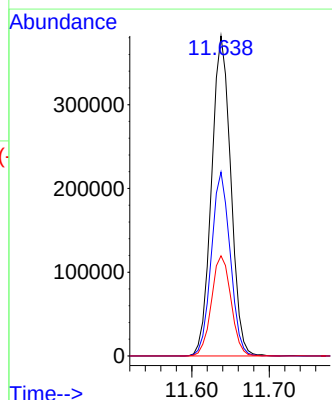
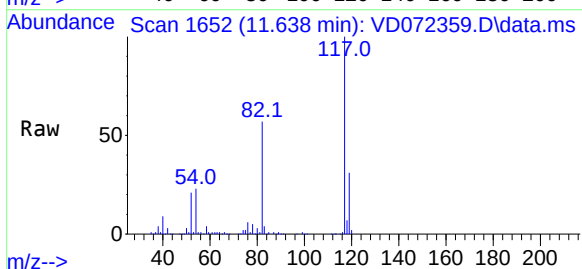
Tgt Ion: 117 Resp: 657922

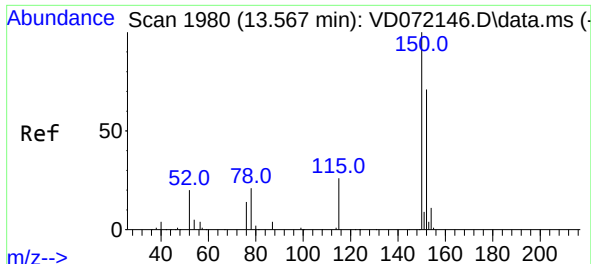
Ion Ratio Lower Upper

117 100

82 57.5 45.3 67.9

119 31.3 26.6 40.0

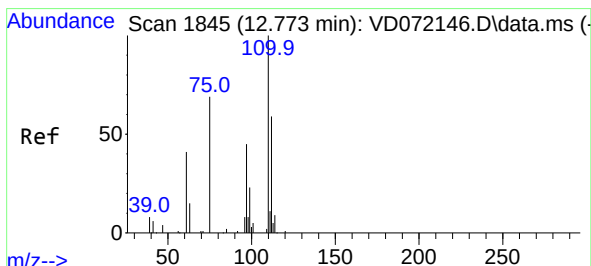
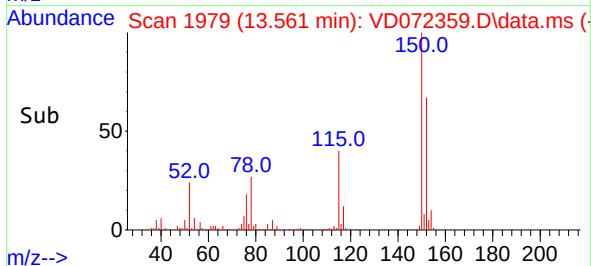
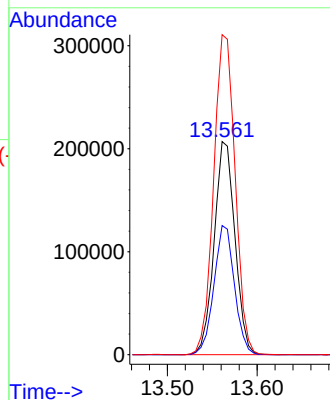
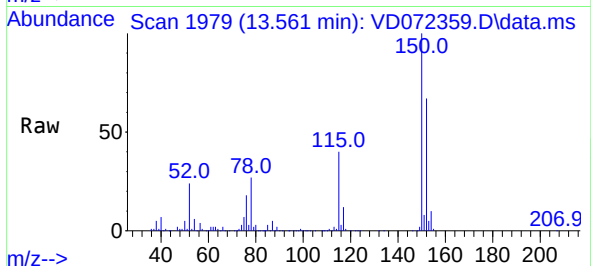




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

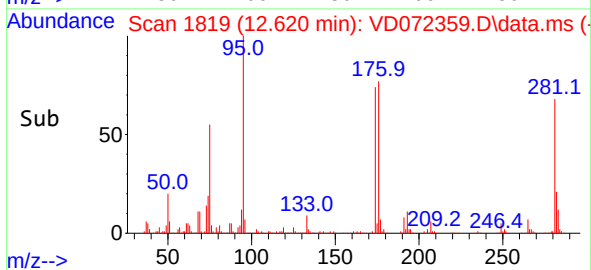
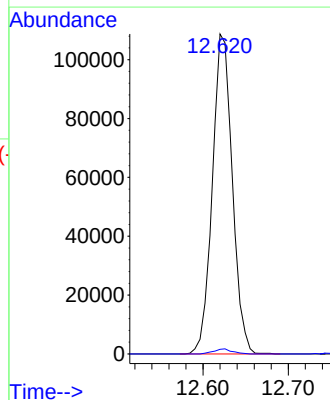
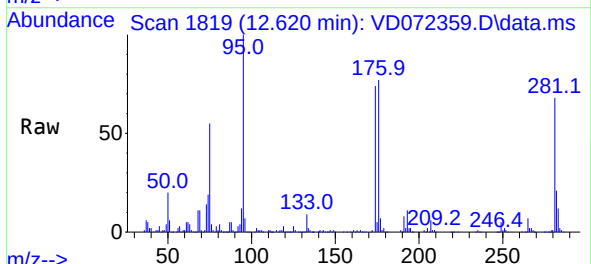
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6-DUP

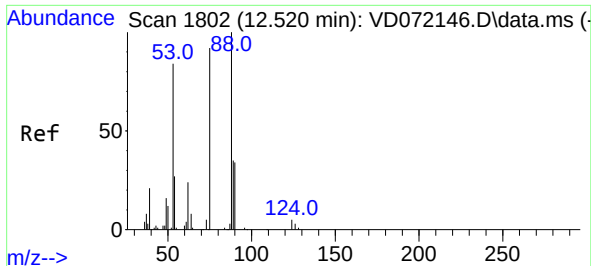
Tgt Ion:152 Resp: 333415
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 154.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 48.051 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072359.D
Acq: 22 Mar 2022 12:46

Tgt Ion: 75 Resp: 176726
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 119.220 ug/l

RT: 12.620 min Scan# 11

Delta R.T. 0.100 min

Lab File: VD072359.D

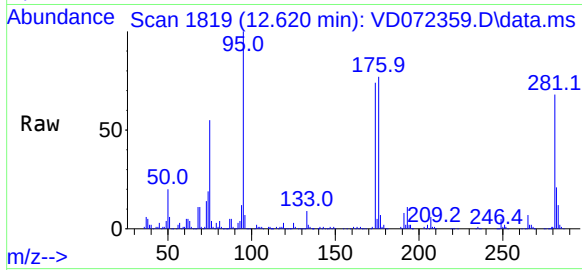
Acq: 22 Mar 2022 12:46

Instrument :

MSVOA_D

ClientSampleId :

CP-BH1-031422-5-6-DUP



Tgt Ion: 75 Resp: 176726

Ion Ratio Lower Upper

75 100

53 0.1 86.5 129.7#

89 1.2 33.9 50.9#

