

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
 Data File : VY008560.D
 Acq On : 29 Apr 2022 15:36
 Operator : KP/MD
 Sample : N2688-03RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-2RE

Quant Time: Apr 30 00:37:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	19568	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	30365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	28567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8723	37.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.780%
35) Dibromofluoromethane	7.722	113	9361	47.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.540%
50) Toluene-d8	10.179	98	33942	43.745	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.480%
62) 4-Bromofluorobenzene	12.483	95	11357	43.038	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.080%

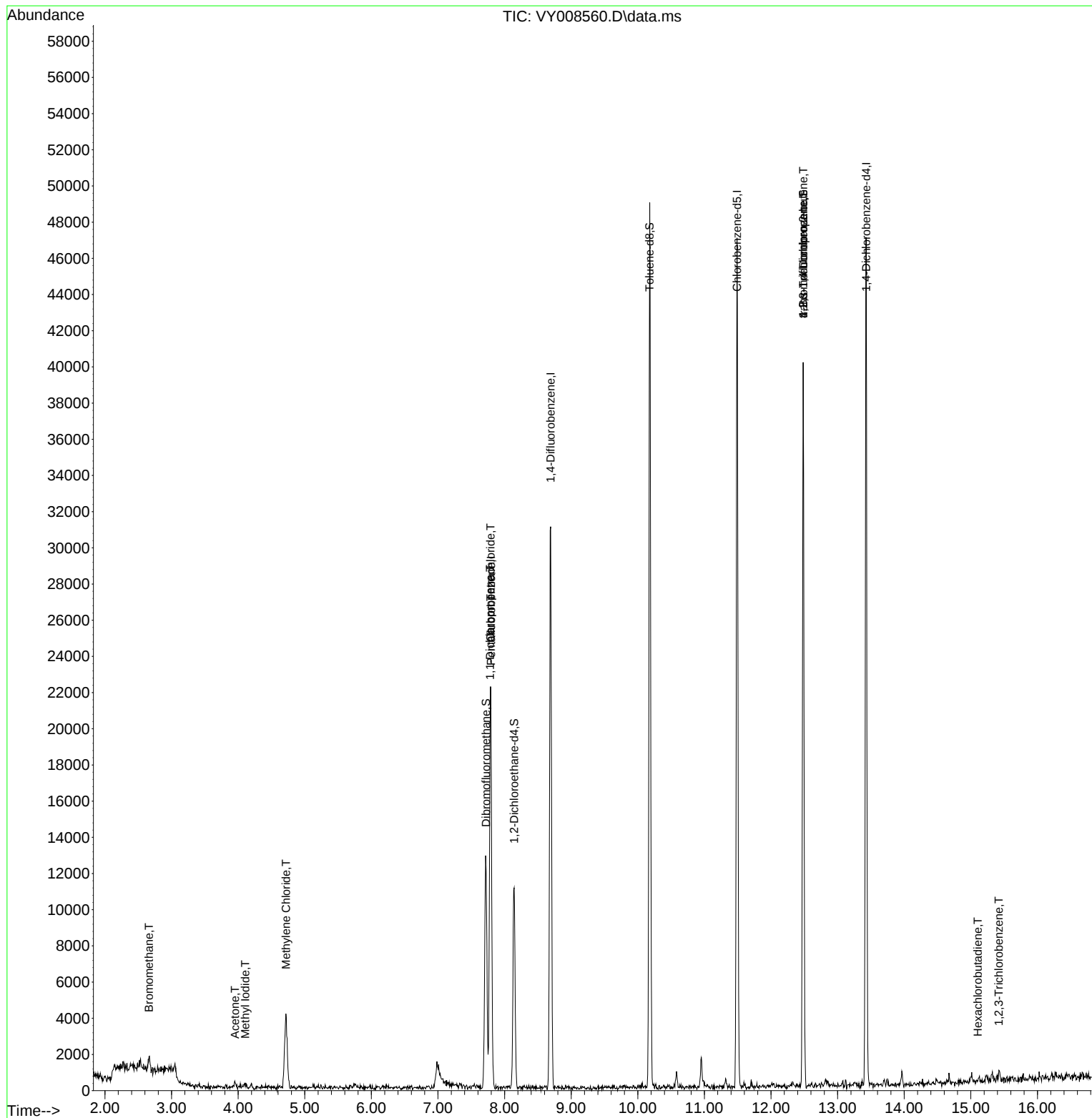
Target Compounds					Qvalue	
5) Bromomethane	2.662	94	382	1.131	ug/l	# 77
10) Methyl Iodide	4.107	142	466	3.217	ug/l	# 47
16) Acetone	3.954	43	538	10.032	ug/l	# 47
20) Methylene Chloride	4.716	84	3273	6.348	ug/l	# 79
36) 1,1-Dichloropropene	7.783	75	1385	4.443	ug/l	# 42
38) Carbon Tetrachloride	7.789	117	1757	5.425	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	5567	31.942	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	5567	74.102	ug/l	# 7
94) Hexachlorobutadiene	15.105	225	139	1.155	ug/l	# 19
96) 1,2,3-Trichlorobenzene	15.422	180	306	1.417	ug/l	69

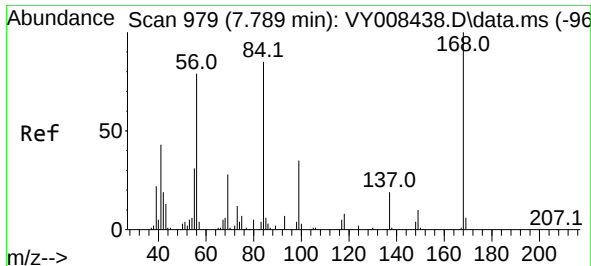
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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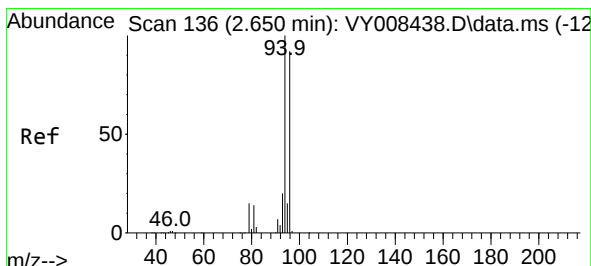
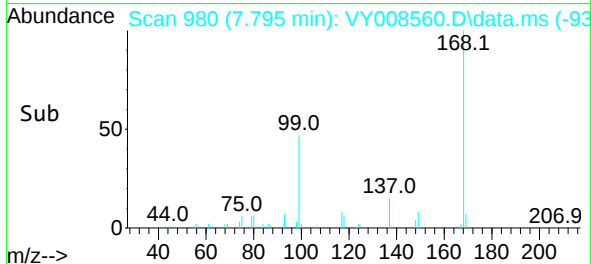
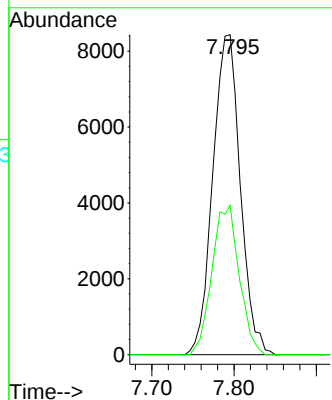
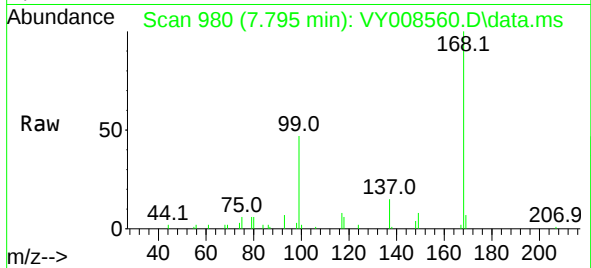




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

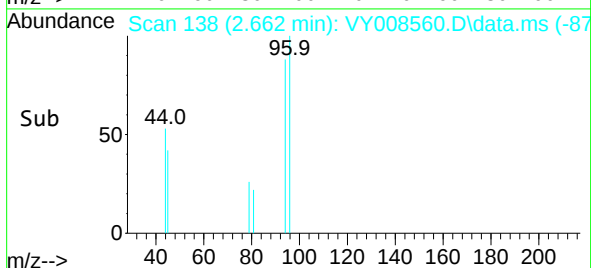
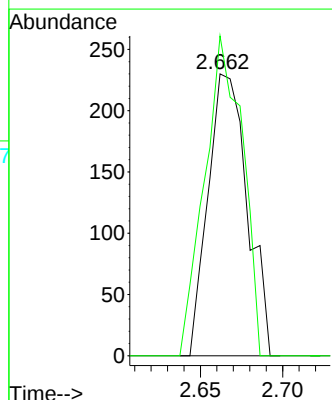
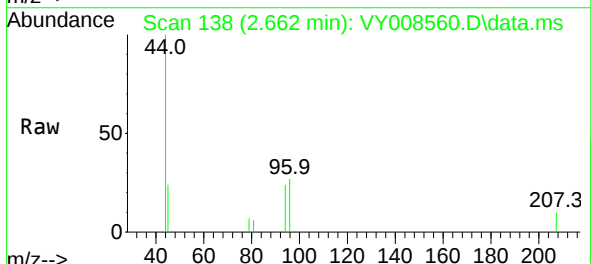
Instrument :
MSVOA_Y
ClientSampleId :
MH-2RE

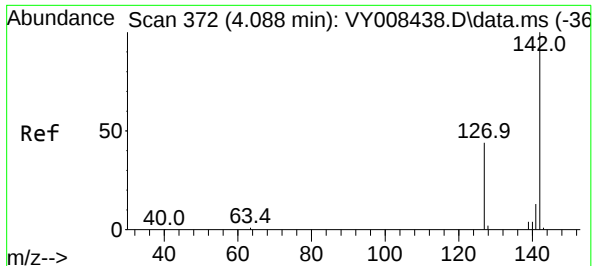
Tgt Ion:168 Resp: 19568
Ion Ratio Lower Upper
168 100
99 46.6 46.9 70.3#



#5
Bromomethane
Concen: 1.131 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

Tgt Ion: 94 Resp: 382
Ion Ratio Lower Upper
94 100
96 113.5 73.5 110.3#

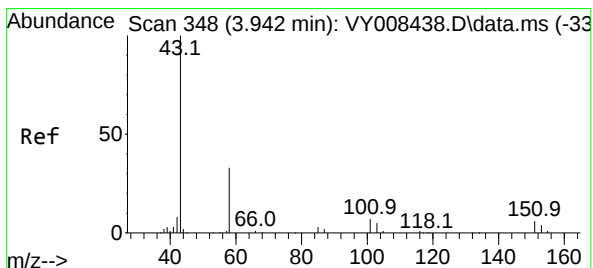
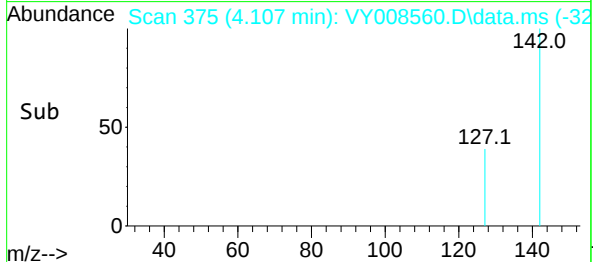
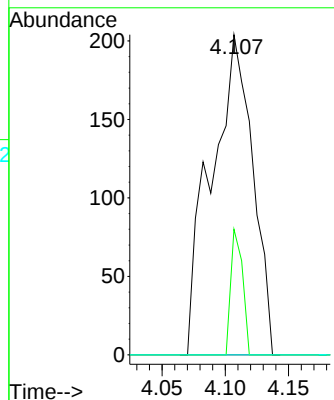
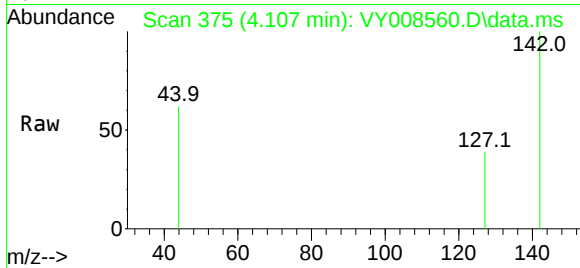




#10
Methyl Iodide
Concen: 3.217 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

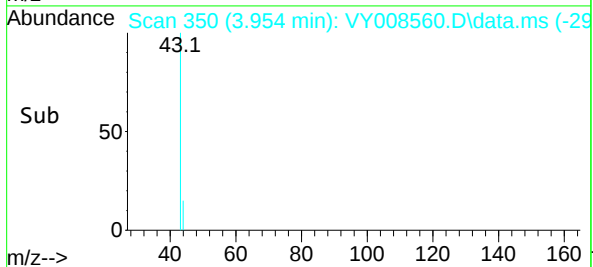
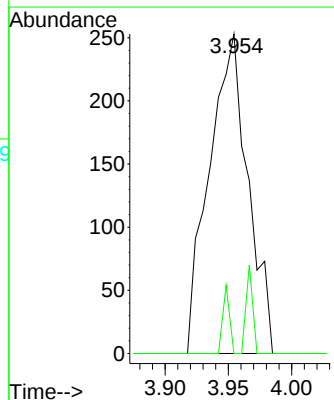
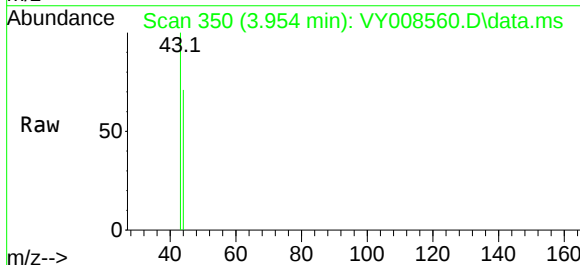
Instrument :
MSVOA_Y
ClientSampleId :
MH-2RE

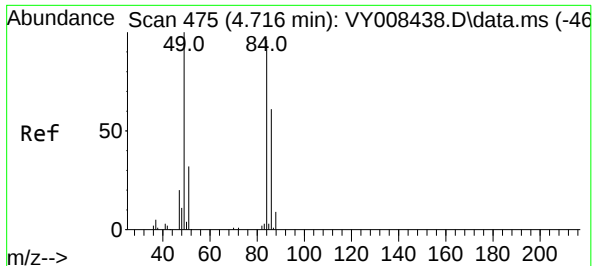
Tgt Ion:142 Resp: 466
Ion Ratio Lower Upper
142 100
127 10.9 41.5 62.3#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 10.032 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

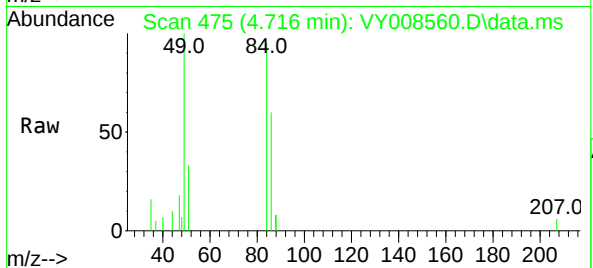
Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



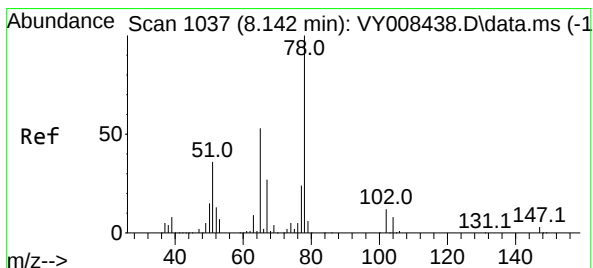
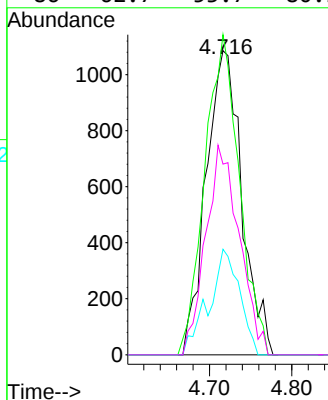
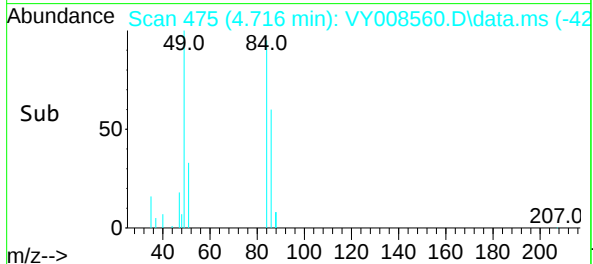


#20
Methylene Chloride
Concen: 6.348 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

Instrument :
MSVOA_Y
ClientSampleId :
MH-2RE

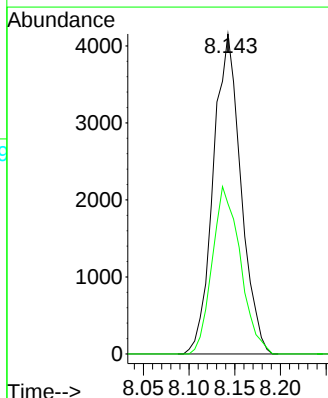
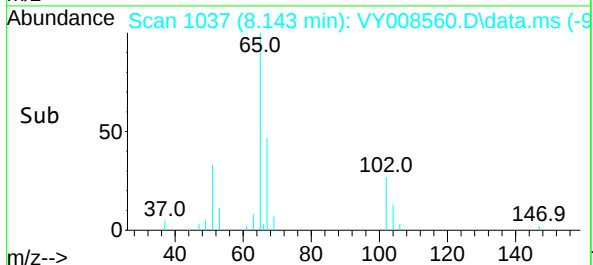
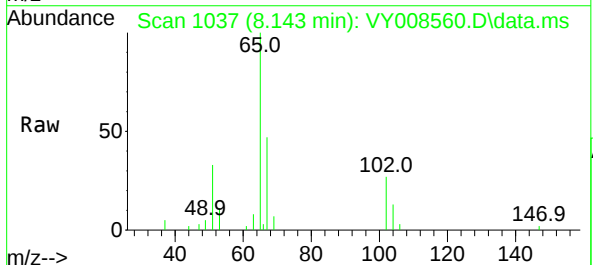


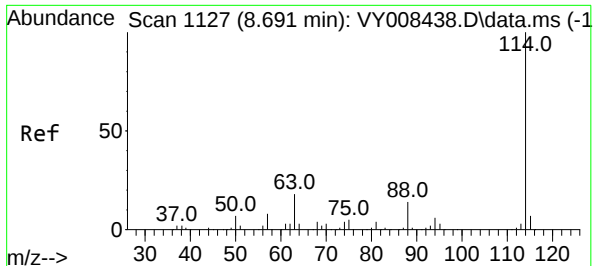
Tgt Ion: 84 Resp: 3273
Ion Ratio Lower Upper
84 100
49 105.2 114.4 171.6#
51 34.7 35.3 52.9#
86 62.7 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 37.886 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

Tgt Ion: 65 Resp: 8723
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008560.D

Acq: 29 Apr 2022 15:36

Instrument :

MSVOA_Y

ClientSampleId :

MH-2RE

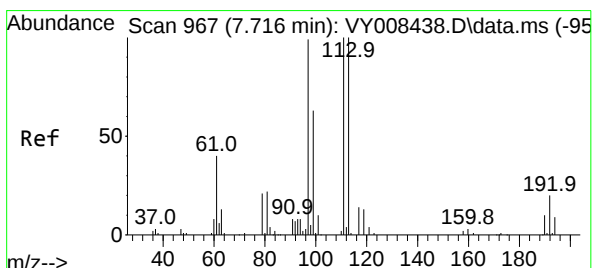
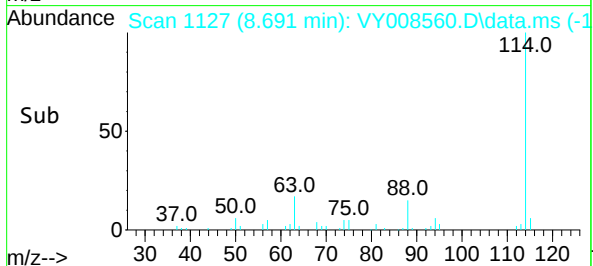
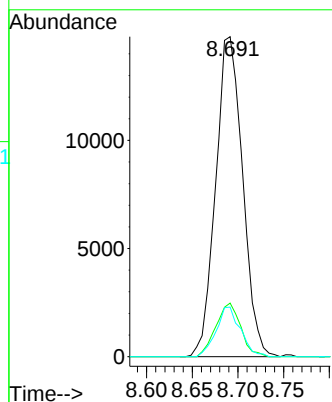
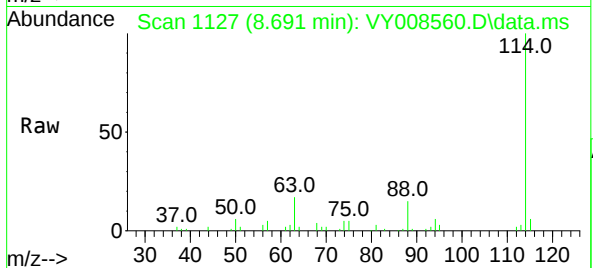
Tgt Ion:114 Resp: 30365

Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.767 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008560.D

Acq: 29 Apr 2022 15:36

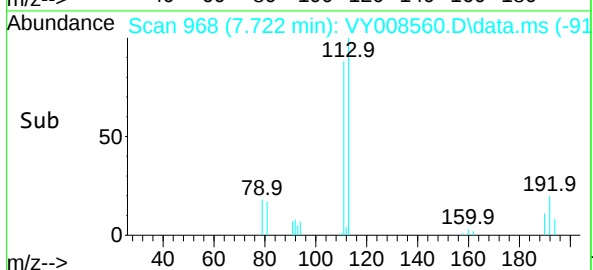
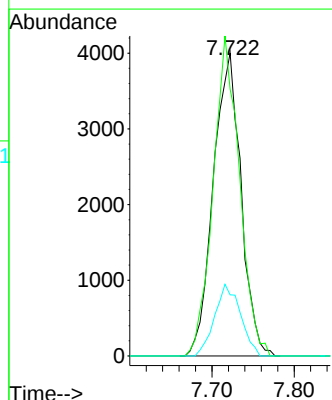
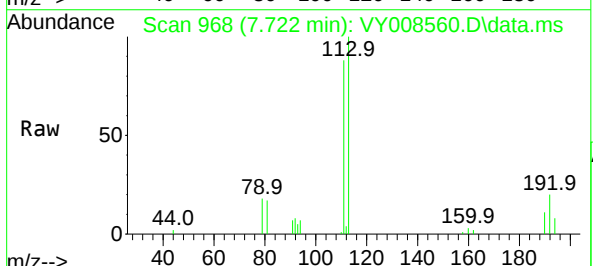
Tgt Ion:113 Resp: 9361

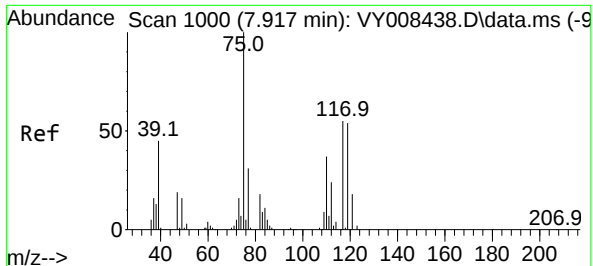
Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

192 22.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.443 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008560.D

Acq: 29 Apr 2022 15:36

Instrument :

MSVOA_Y

ClientSampleId :

MH-2RE

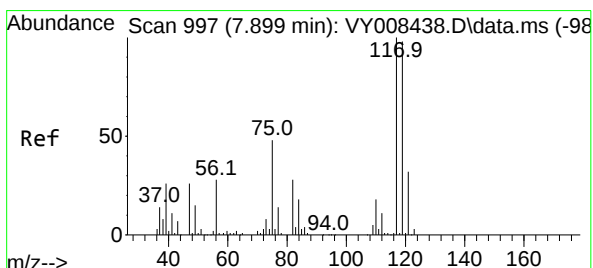
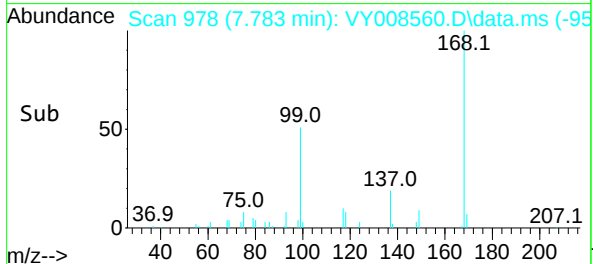
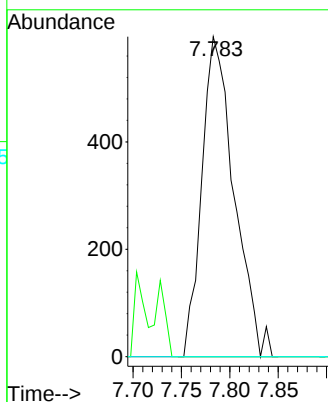
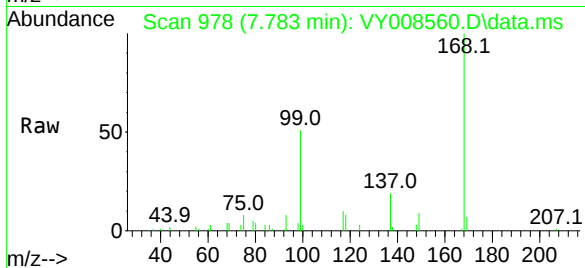
Tgt Ion: 75 Resp: 1385

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.425 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008560.D

Acq: 29 Apr 2022 15:36

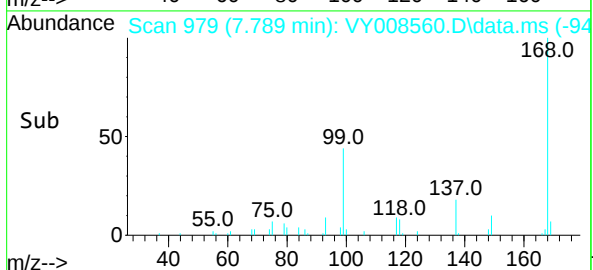
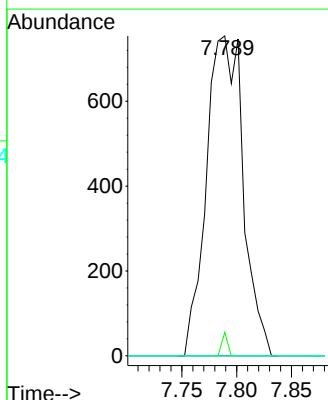
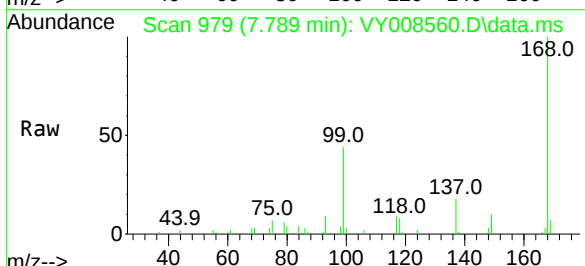
Tgt Ion: 117 Resp: 1757

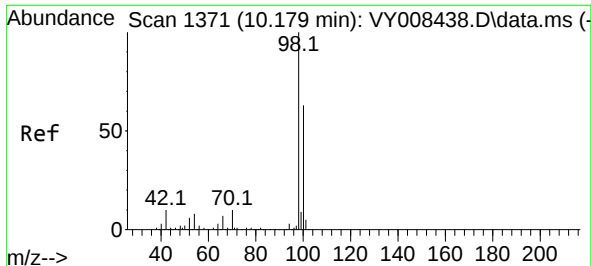
Ion Ratio Lower Upper

117 100

119 7.3 77.9 116.9#

121 0.0 24.8 37.2#

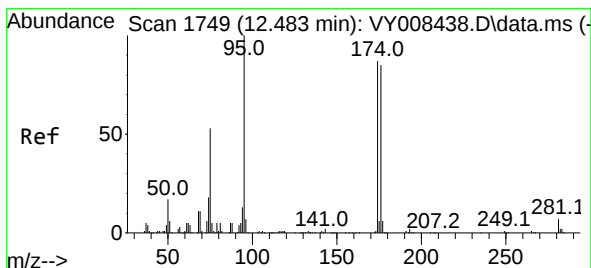
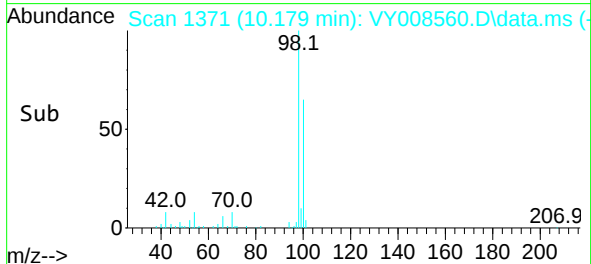
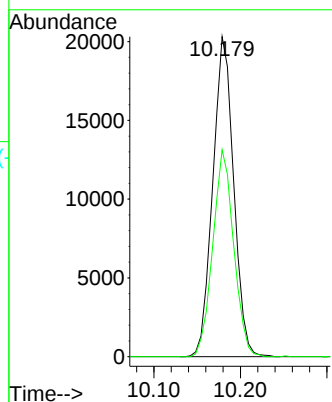
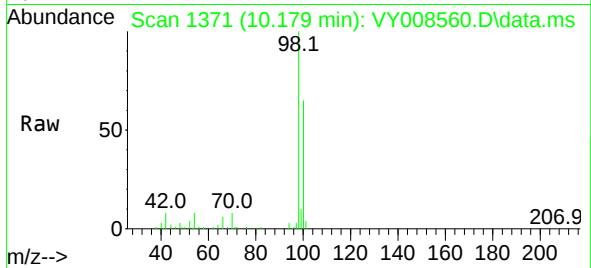




#50
Toluene-d8
Concen: 43.745 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

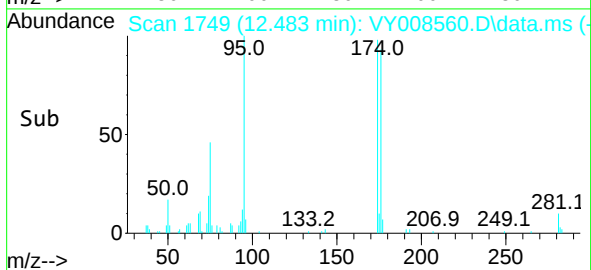
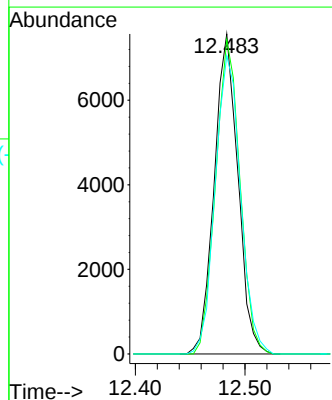
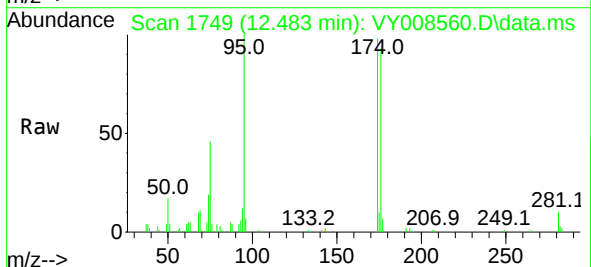
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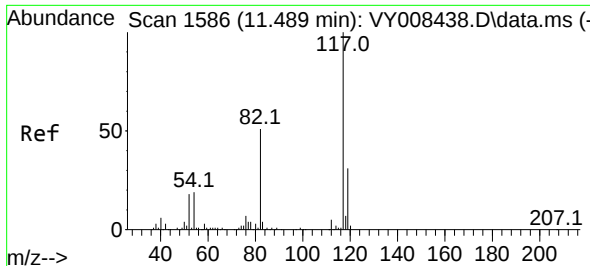
Tgt Ion: 98 Resp: 33942
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.038 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

Tgt Ion: 95 Resp: 11357
Ion Ratio Lower Upper
95 100
174 100.8 0.0 177.0
176 99.8 0.0 175.8

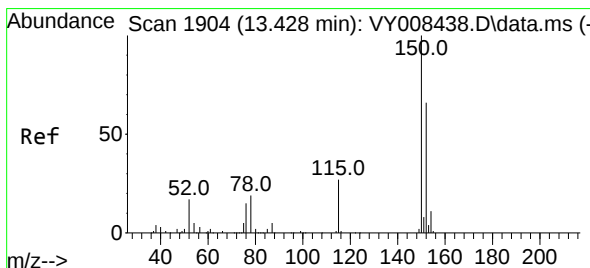
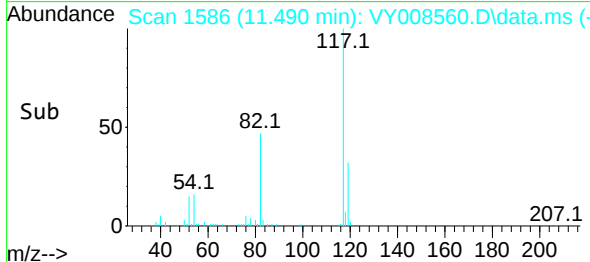
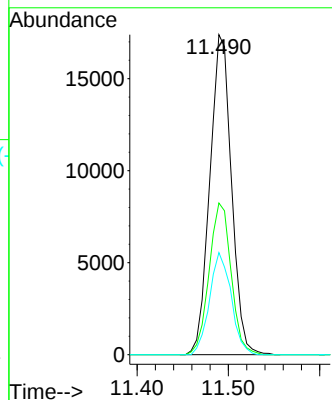
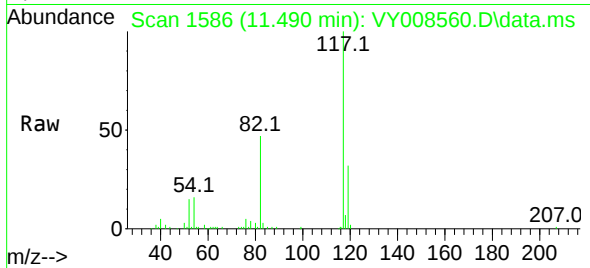




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

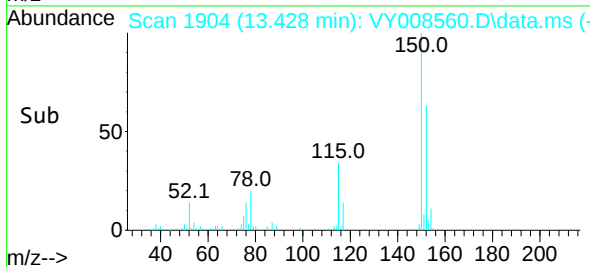
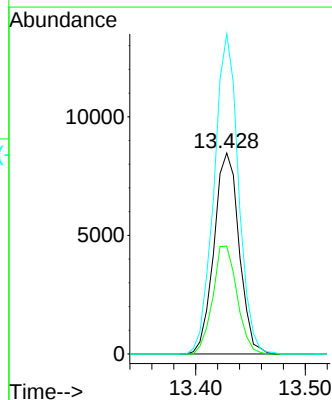
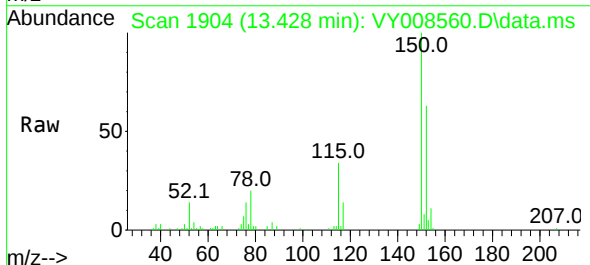
Instrument :
MSVOA_Y
ClientSampleId :
MH-2RE

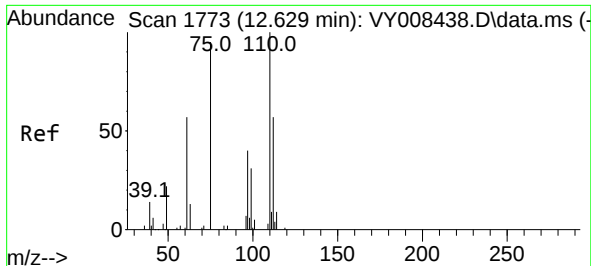
Tgt Ion:	117	Resp:	28567
Ion	Ratio	Lower	Upper
117	100		
82	47.4	43.0	64.4
119	31.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

Tgt Ion:	152	Resp:	13467
Ion	Ratio	Lower	Upper
152	100		
115	52.0	28.2	84.7
150	155.1	0.0	347.6

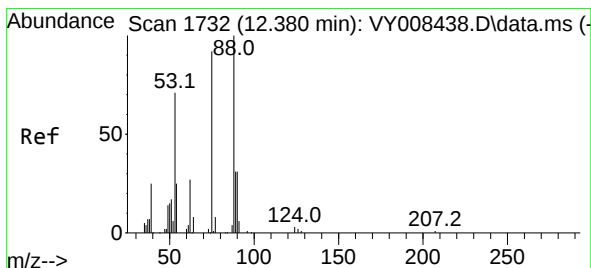
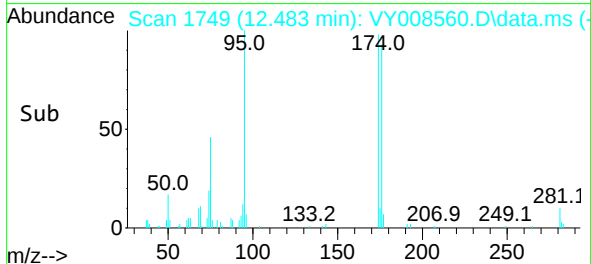
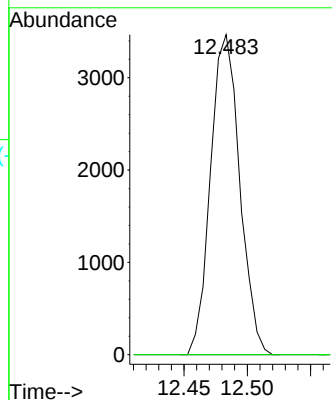
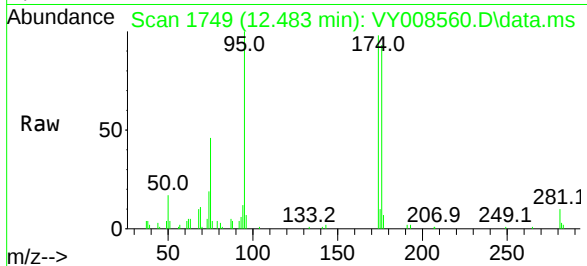




#76
1,2,3-Trichloropropane
Concen: 31.942 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

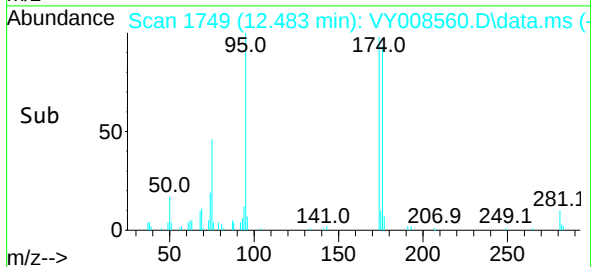
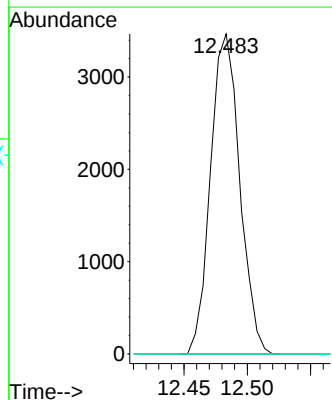
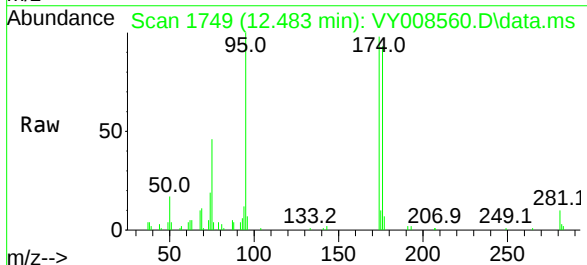
Instrument :
MSVOA_Y
ClientSampleId :
MH-2RE

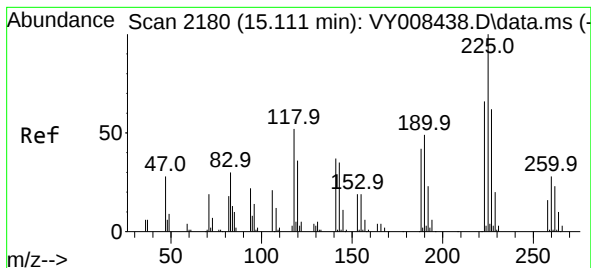
Tgt Ion: 75 Resp: 5567
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 74.102 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008560.D
Acq: 29 Apr 2022 15:36

Tgt Ion: 75 Resp: 5567
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#94

Hexachlorobutadiene

Concen: 1.155 ug/l

RT: 15.105 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY008560.D

Acq: 29 Apr 2022 15:36

Instrument :

MSVOA_Y

ClientSampleId :

MH-2RE

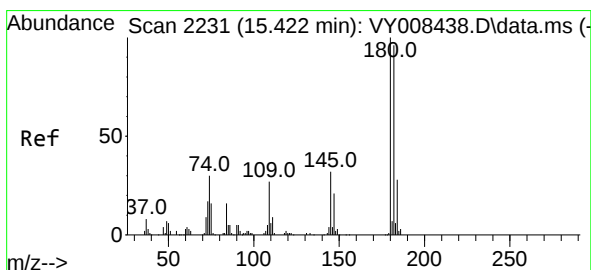
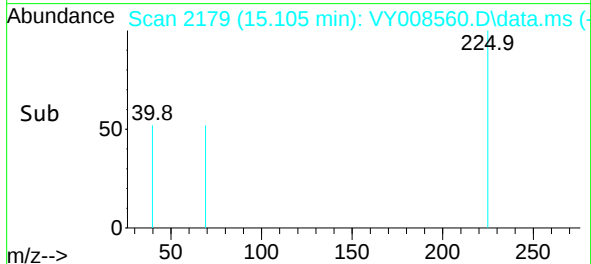
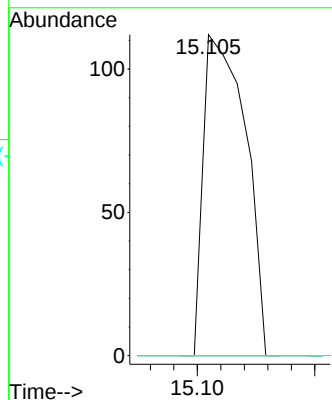
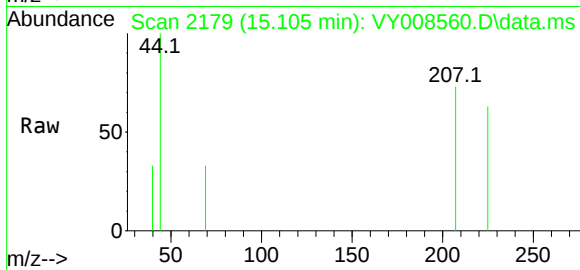
Tgt Ion:225 Resp: 139

Ion Ratio Lower Upper

225 100

223 0.0 30.8 92.3#

227 0.0 31.6 94.7#



#96

1,2,3-Trichlorobenzene

Concen: 1.417 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY008560.D

Acq: 29 Apr 2022 15:36

Tgt Ion:180 Resp: 306

Ion Ratio Lower Upper

180 100

182 57.5 47.3 141.9

145 26.8 15.3 45.9

