

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008186.D
 Acq On : 04 Apr 2022 17:26
 Operator : SY/MD
 Sample : N2220-16
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A09015

Quant Time: Apr 05 04:42:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	103951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	81180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16115	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48972	46.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.920%
35) Dibromofluoromethane	7.716	113	56430	56.700	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.400%
50) Toluene-d8	10.179	98	174255	46.473	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.940%
62) 4-Bromofluorobenzene	12.483	95	23322	17.630	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	35.260%

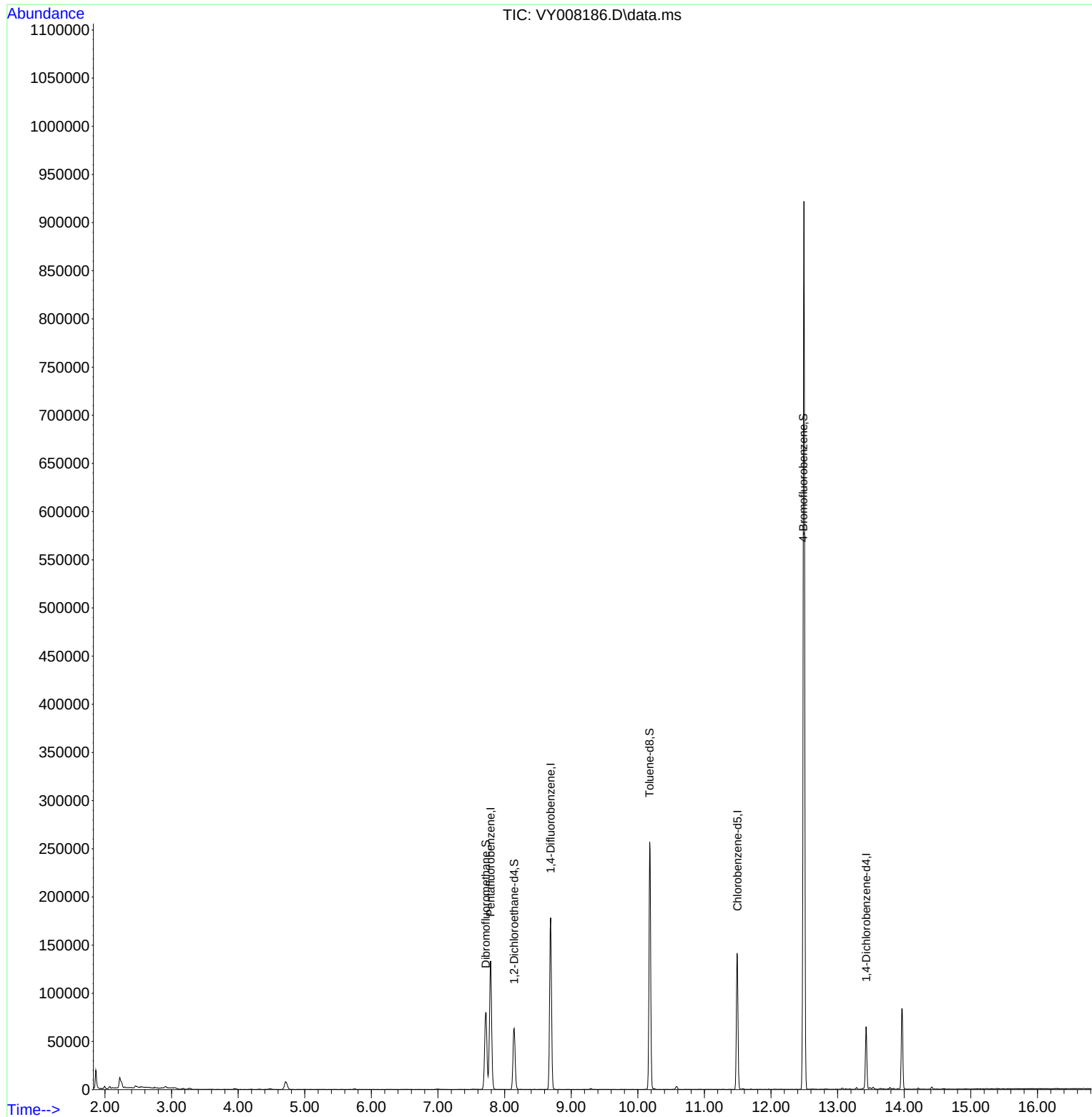
Target Compounds	Qvalue

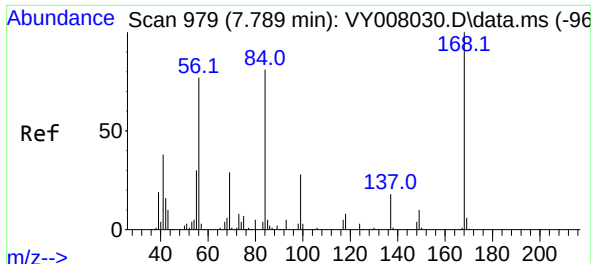
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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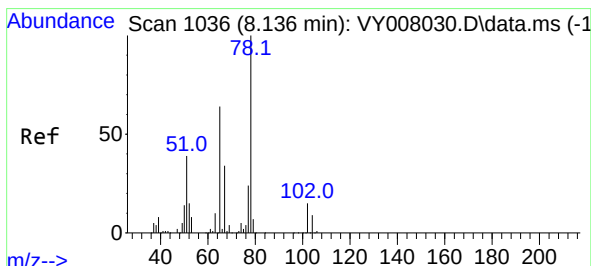
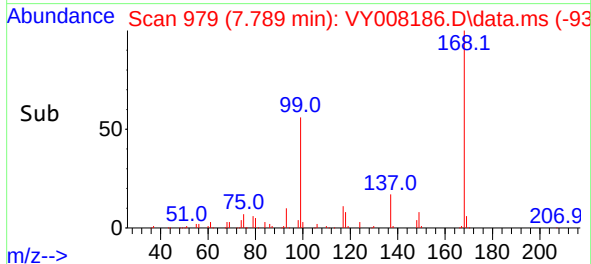
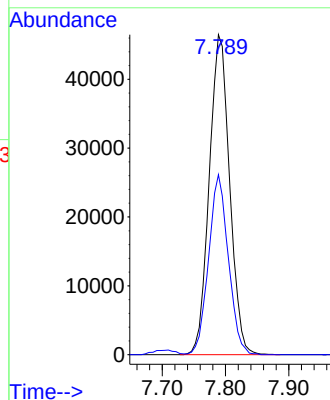
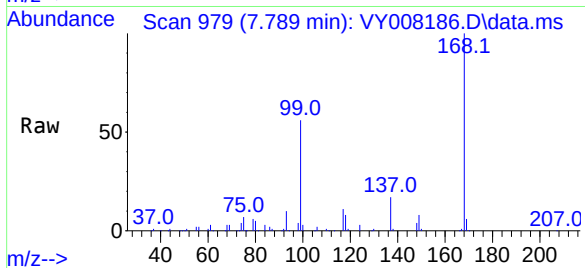




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008186.D
Acq: 04 Apr 2022 17:26

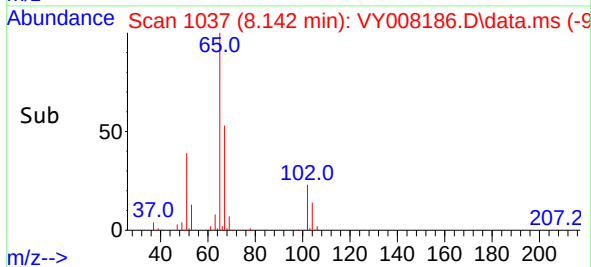
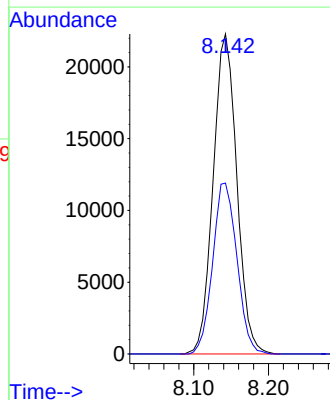
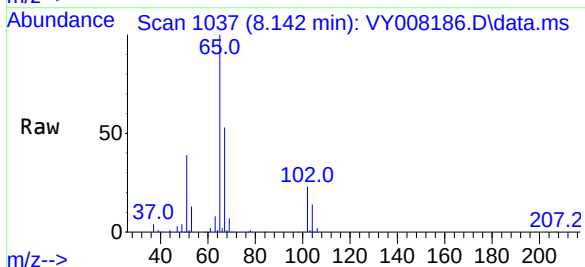
Instrument :
MSVOA_Y
ClientSampleId :
A09015

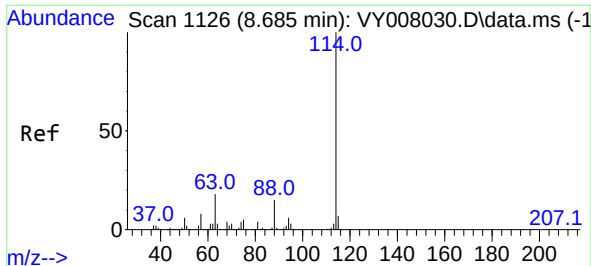
Tgt Ion:168 Resp: 103951
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.956 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008186.D
Acq: 04 Apr 2022 17:26

Tgt Ion: 65 Resp: 48972
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008186.D

Acq: 04 Apr 2022 17:26

Instrument :

MSVOA_Y

ClientSampleId :

A09015

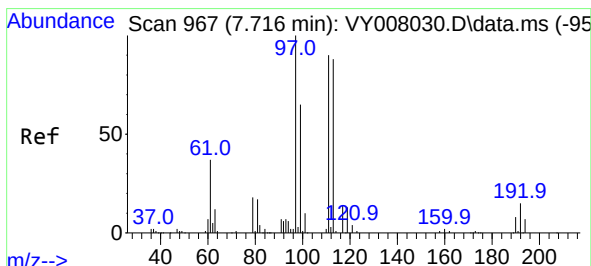
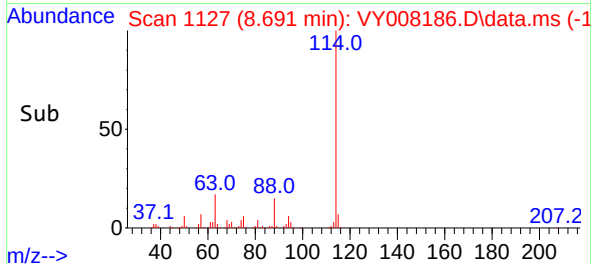
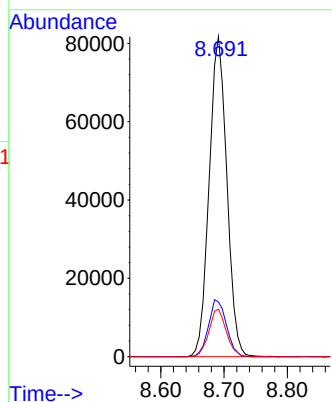
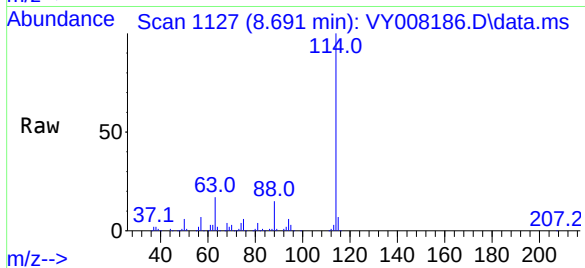
Tgt Ion:114 Resp: 158737

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.700 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008186.D

Acq: 04 Apr 2022 17:26

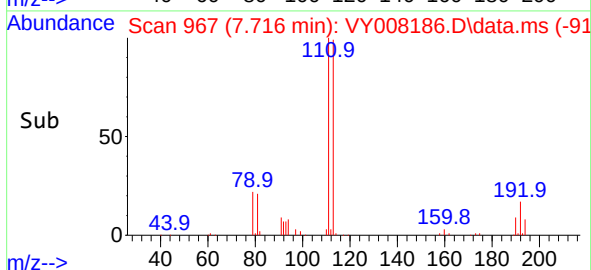
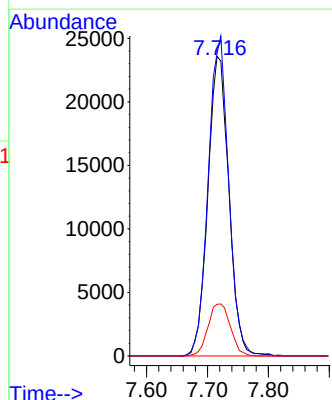
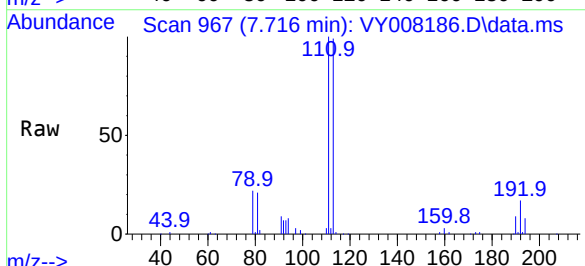
Tgt Ion:113 Resp: 56430

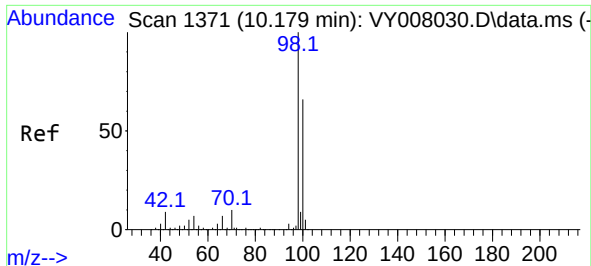
Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 18.5 17.6 26.4

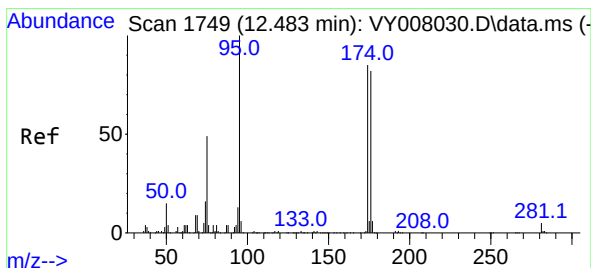
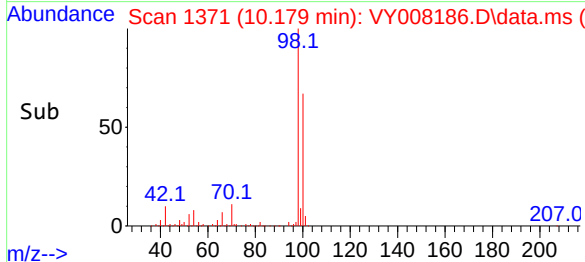
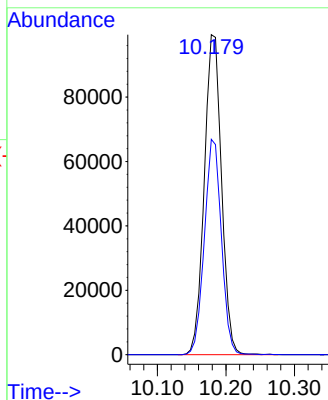
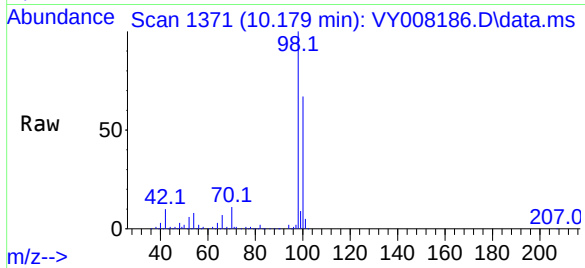




#50
Toluene-d8
Concen: 46.473 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008186.D
Acq: 04 Apr 2022 17:26

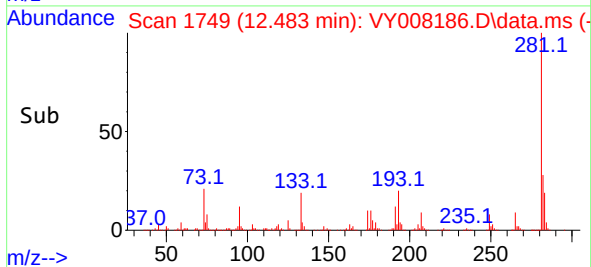
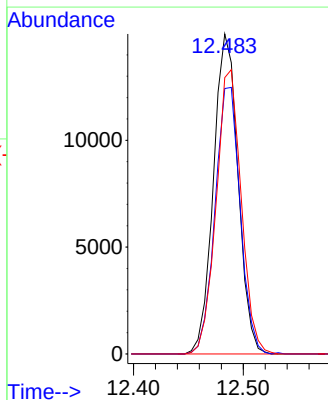
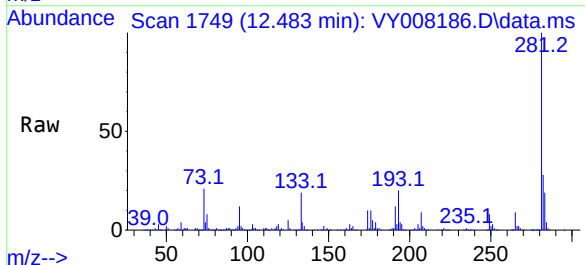
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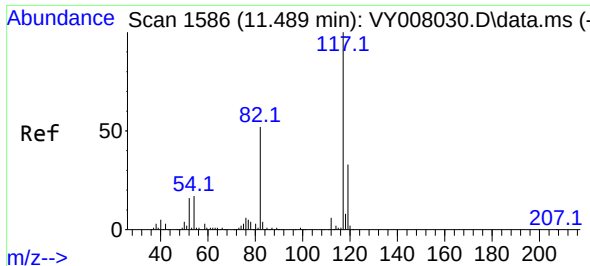
Tgt Ion: 98 Resp: 174255
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 17.630 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008186.D
Acq: 04 Apr 2022 17:26

Tgt Ion: 95 Resp: 23322
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 90.6 0.0 175.8

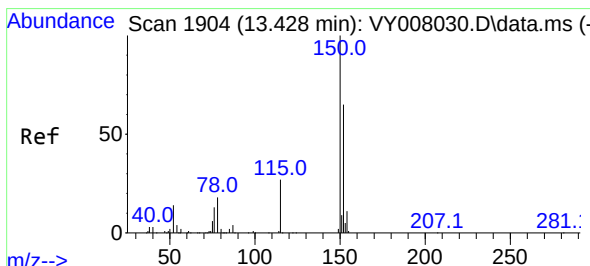
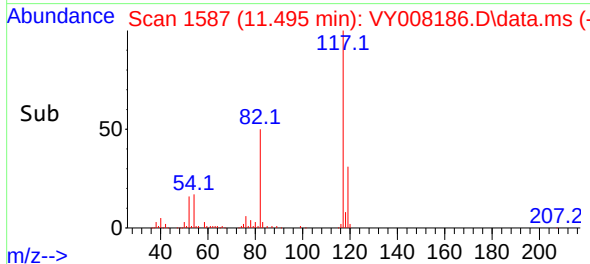
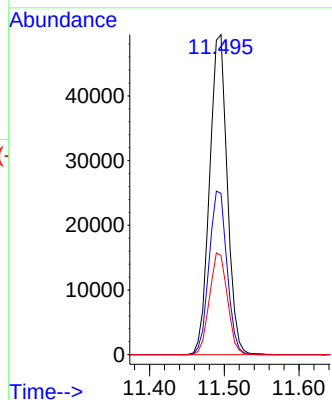
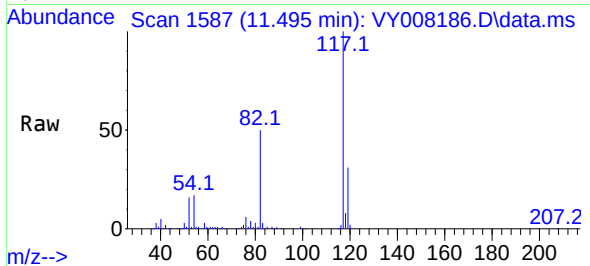




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008186.D
Acq: 04 Apr 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :
A09015

Tgt Ion:117 Resp: 81180
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 31.0 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: VY008186.D
Acq: 04 Apr 2022 17:26

Tgt Ion:152 Resp: 16115
Ion Ratio Lower Upper
152 100
115 61.2 28.2 84.7
150 158.3 0.0 347.6

