

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008155.D
 Acq On : 01 Apr 2022 12:57
 Operator : SY/MD
 Sample : N2202-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHE

Quant Time: Apr 02 03:55:51 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	98683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	176091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	159800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53033	53.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.120%	
35) Dibromofluoromethane	7.716	113	54533	49.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.780%	
50) Toluene-d8	10.179	98	208425	50.108	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.483	95	70121	47.783	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.560%	

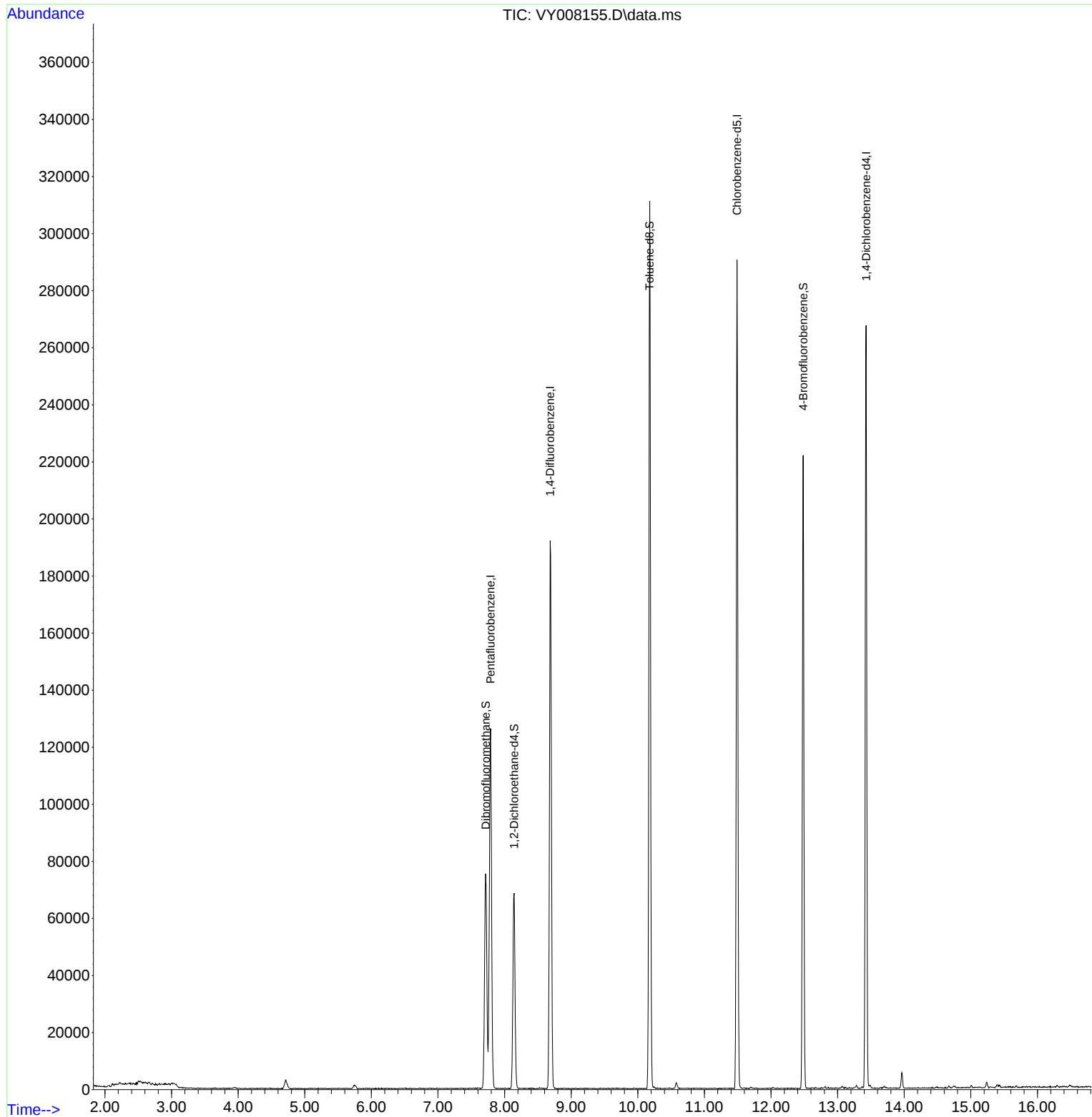
Target Compounds	Qvalue

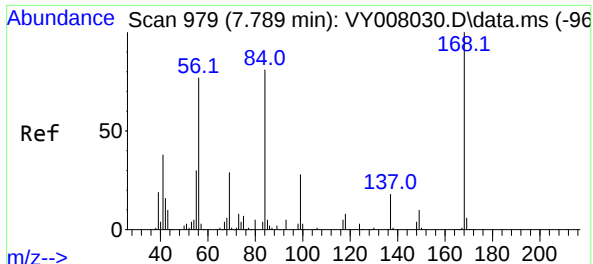
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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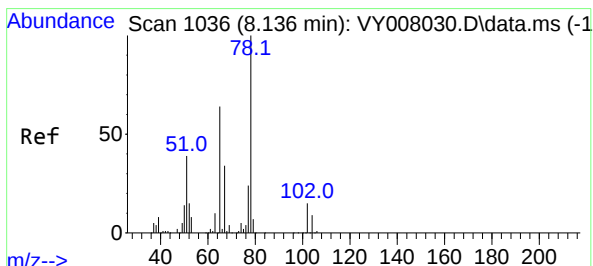
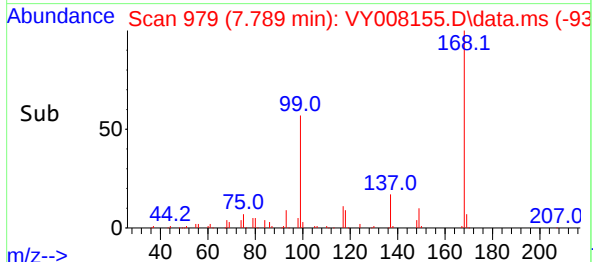
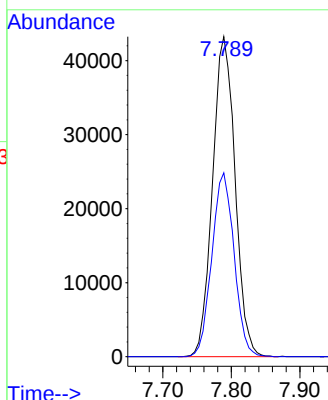
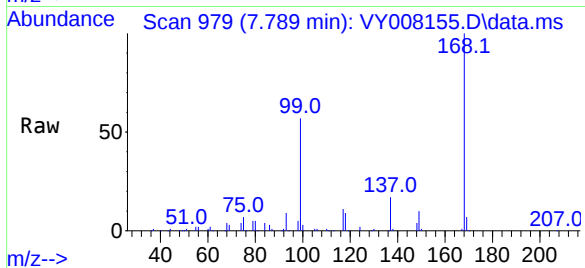




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

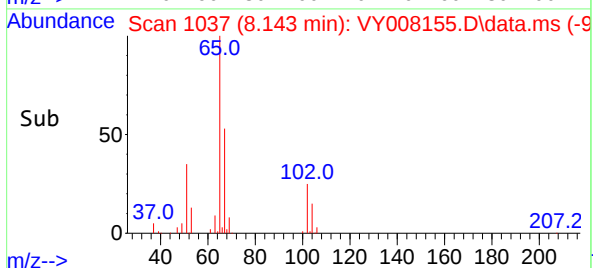
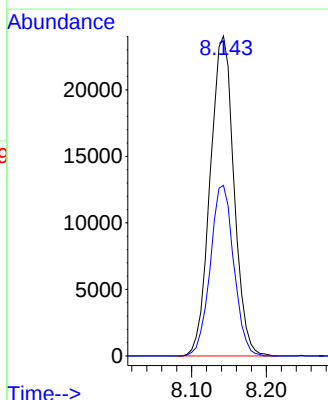
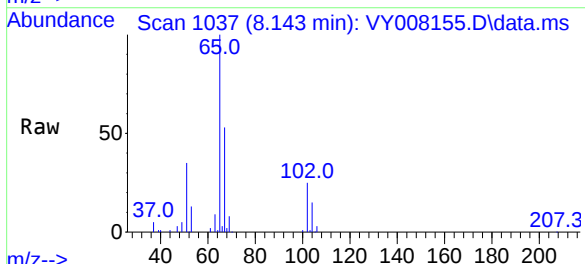
Instrument :
MSVOA_Y
ClientSampleId :
MHE

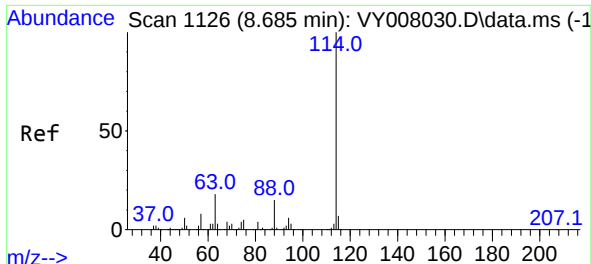
Tgt Ion:168 Resp: 98683
Ion Ratio Lower Upper
168 100
99 57.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.564 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Tgt Ion: 65 Resp: 53033
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008155.D

Acq: 01 Apr 2022 12:57

Instrument :

MSVOA_Y

ClientSampleId :

MHE

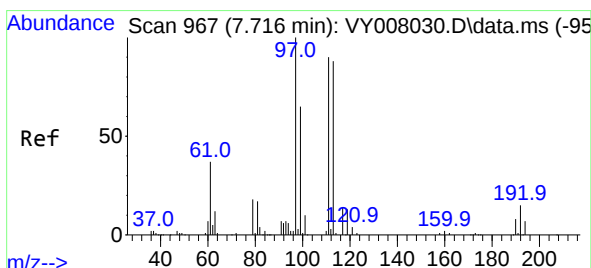
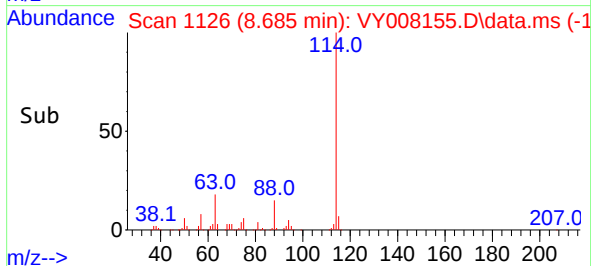
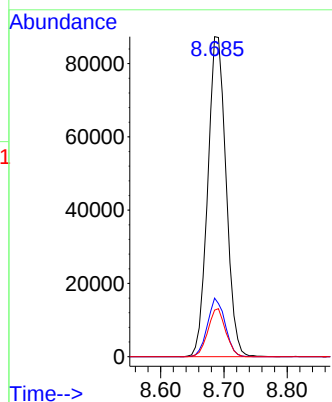
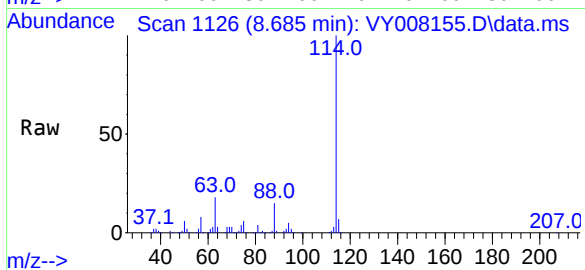
Tgt Ion:114 Resp: 176091

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.394 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008155.D

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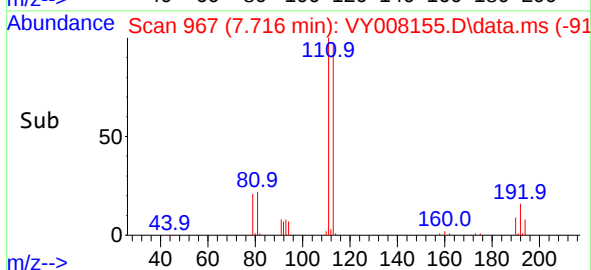
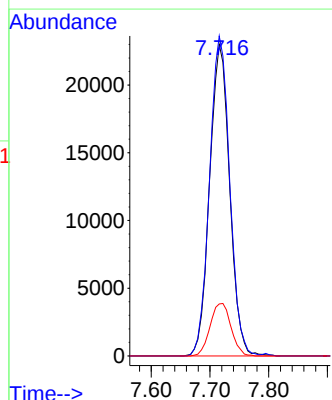
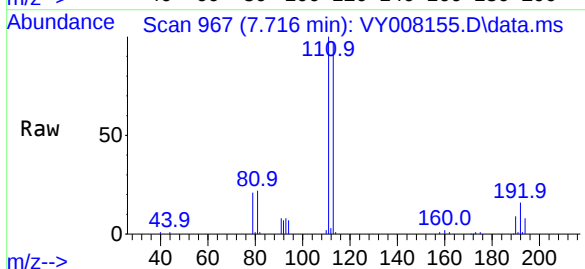
Tgt Ion:113 Resp: 54533

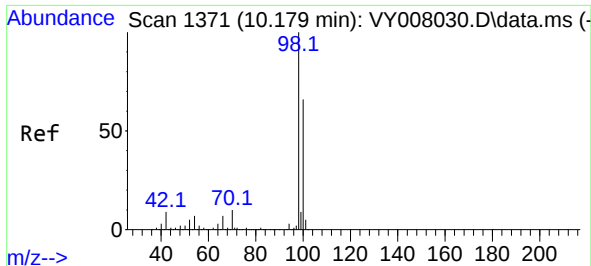
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 17.6 17.6 26.4#

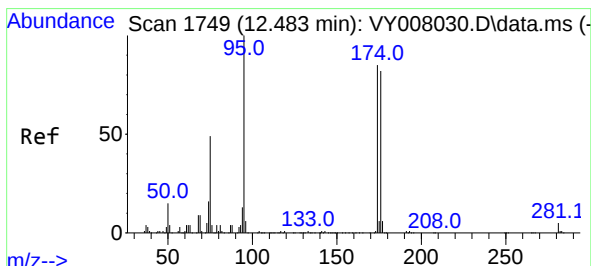
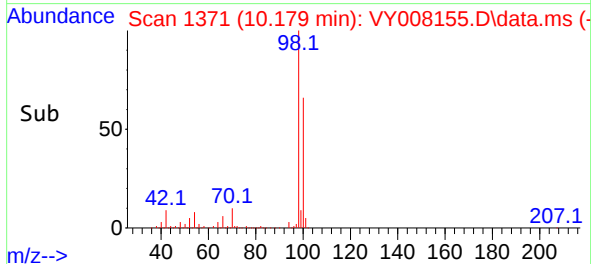
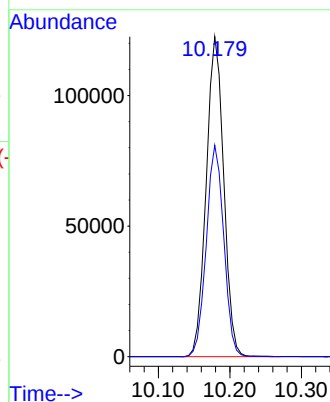
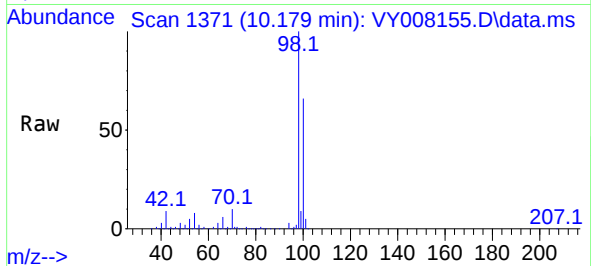




#50
Toluene-d8
Concen: 50.108 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

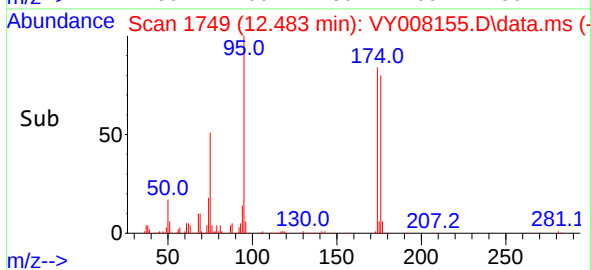
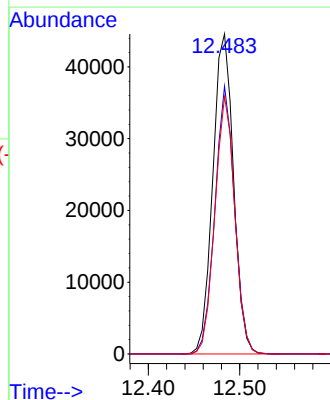
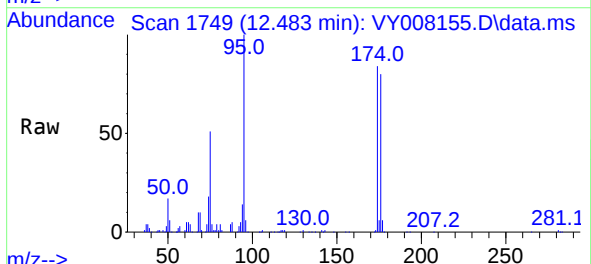
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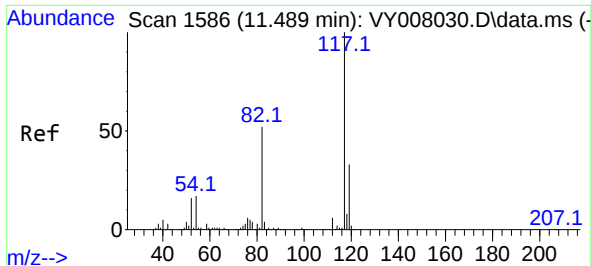
Tgt Ion: 98 Resp: 208425
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.783 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Tgt Ion: 95 Resp: 70121
Ion Ratio Lower Upper
95 100
174 79.6 0.0 177.0
176 77.4 0.0 175.8

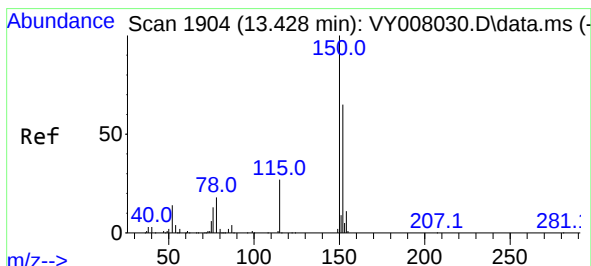
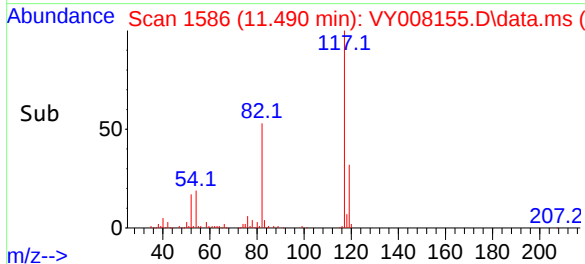
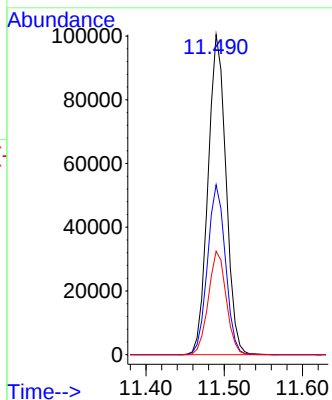
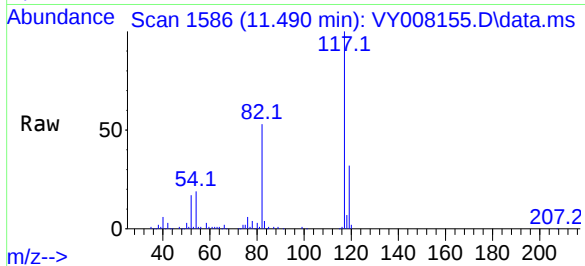




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion:117 Resp: 159800
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.3 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: VY008155.D
Acq: 01 Apr 2022 12:57

Tgt Ion:152 Resp: 70004
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 155.7 0.0 347.6

