

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008086.D
 Acq On : 29 Mar 2022 14:52
 Operator : SY/MD
 Sample : N2155-03
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-C

Quant Time: Mar 30 03:59:48 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	7.795	168	12585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	21972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	18674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	7063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	7165	56.746	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.500%
35) Dibromofluoromethane	7.722	113	3579	25.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.960%#
50) Toluene-d8	10.185	98	24997	48.163	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.483	95	7774	42.456	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.920%

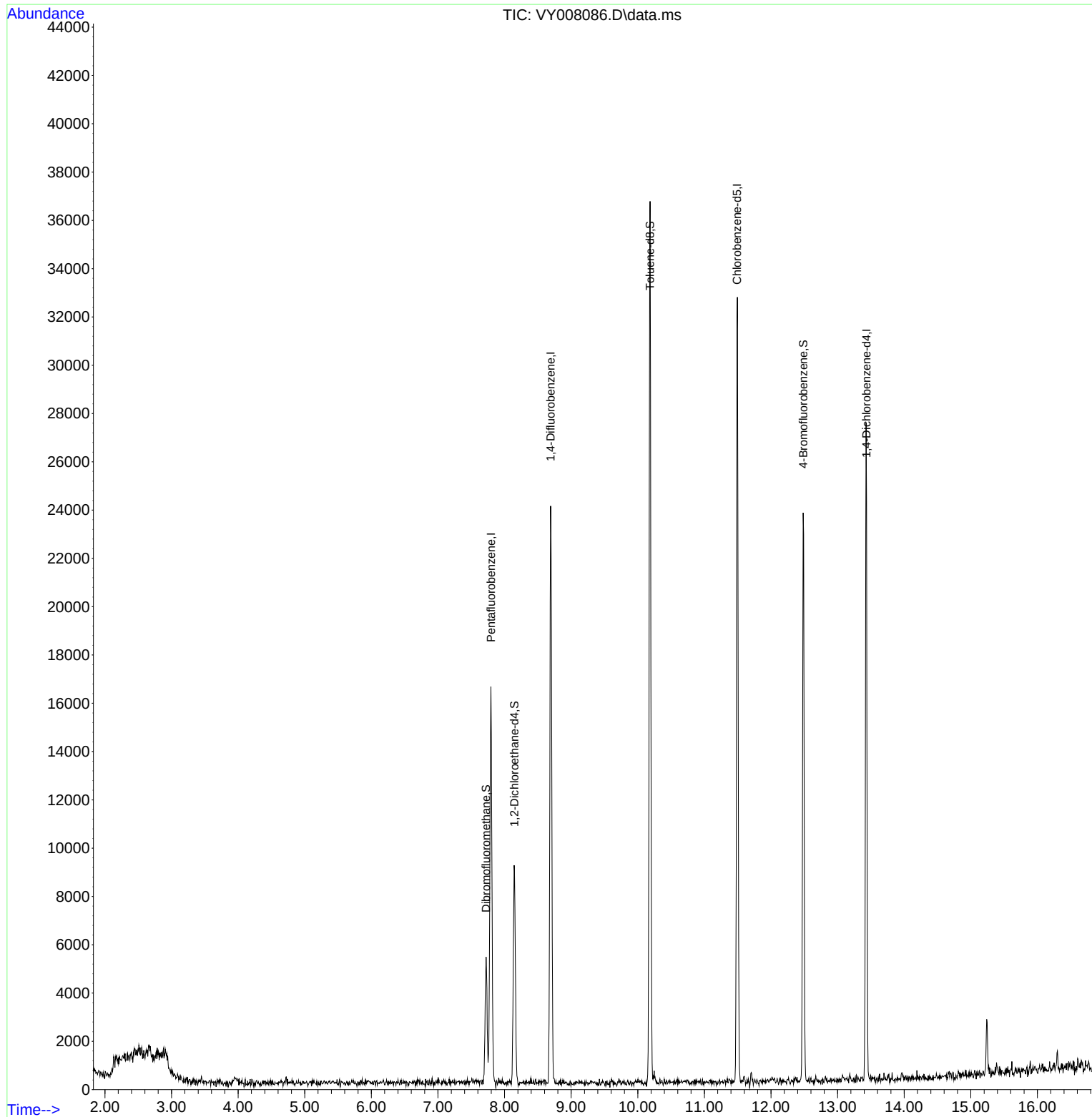
Target Compounds	Qvalue

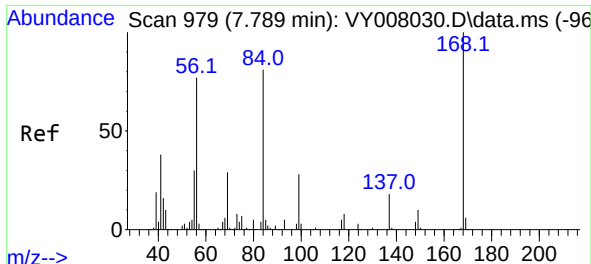
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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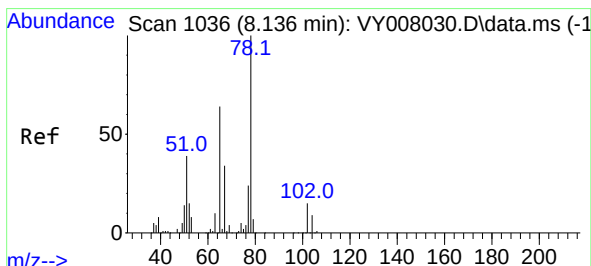
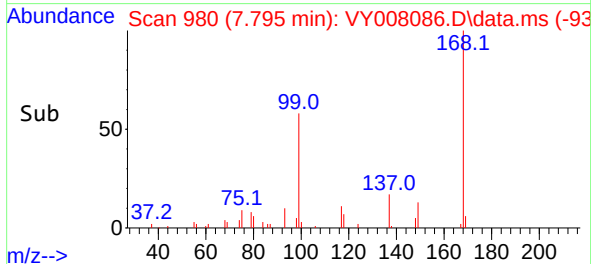
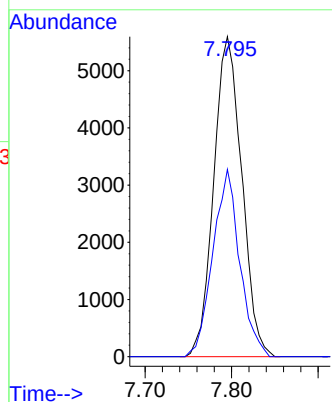
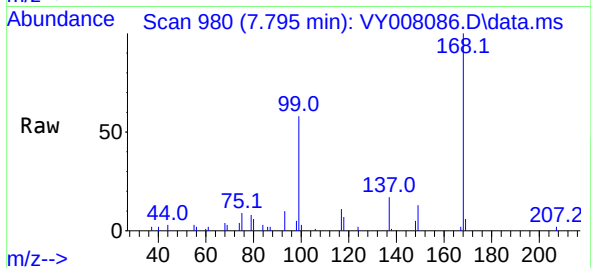




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

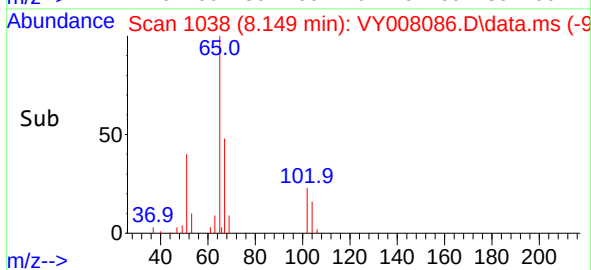
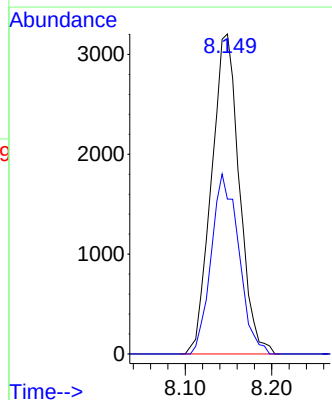
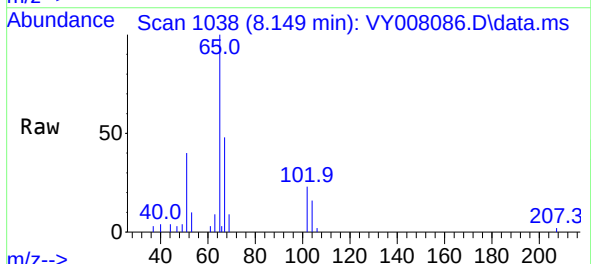
Instrument :
MSVOA_Y
ClientSampleId :
22L076-C

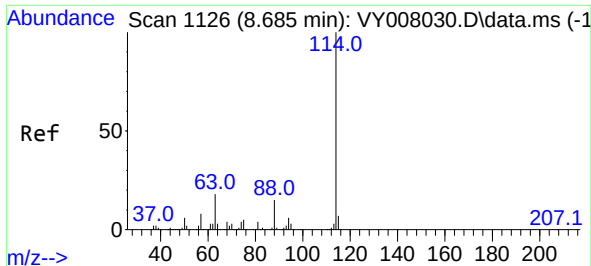
Tgt Ion:168 Resp: 12585
Ion Ratio Lower Upper
168 100
99 58.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.746 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Tgt Ion: 65 Resp: 7165
Ion Ratio Lower Upper
65 100
67 55.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008086.D

Acq: 29 Mar 2022 14:52

Instrument :

MSVOA_Y

ClientSampleId :

22L076-C

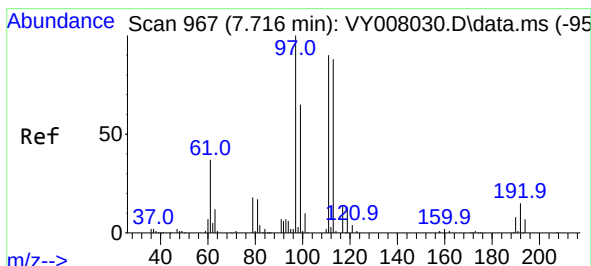
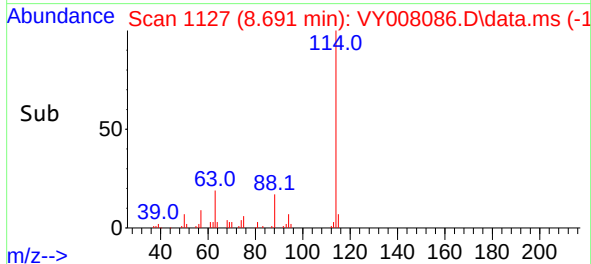
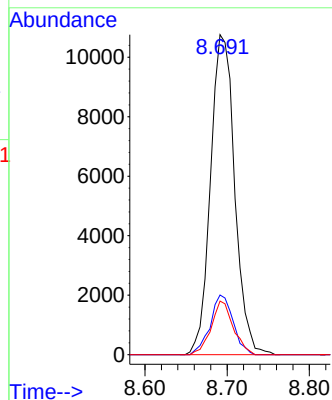
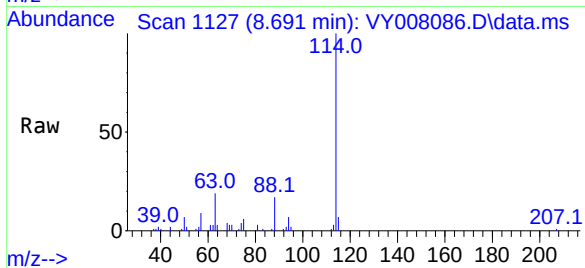
Tgt Ion:114 Resp: 21972

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 16.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 25.980 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008086.D

Acq: 29 Mar 2022 14:52

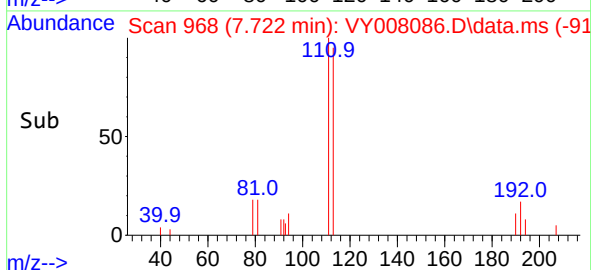
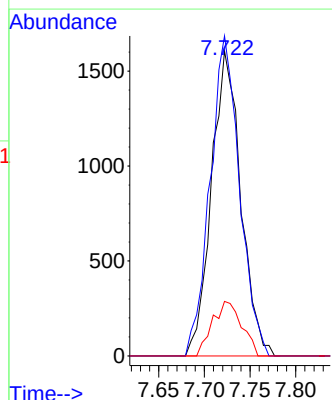
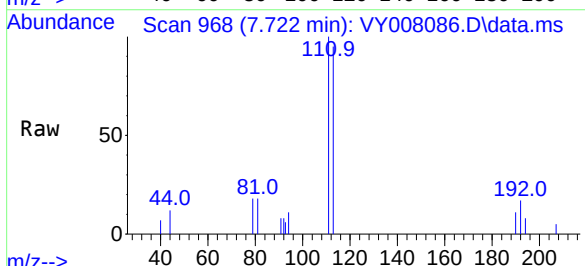
Tgt Ion:113 Resp: 3579

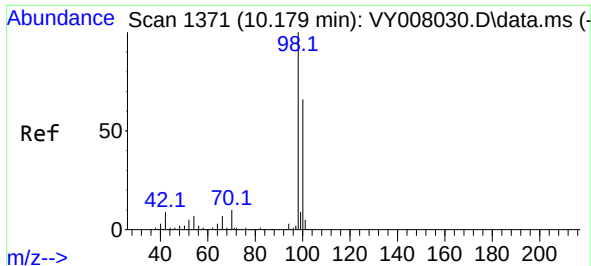
Ion Ratio Lower Upper

113 100

111 105.2 82.6 124.0

192 17.8 17.6 26.4

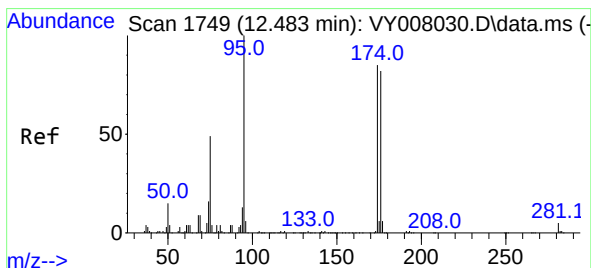
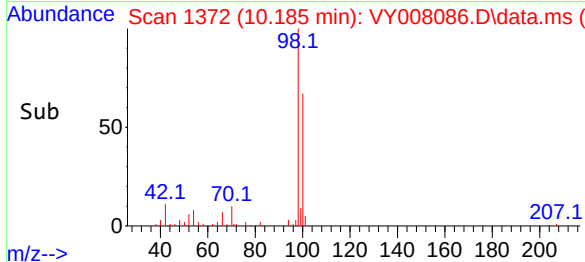
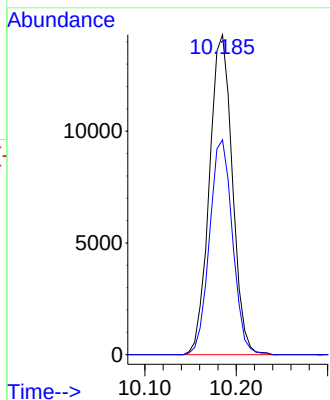
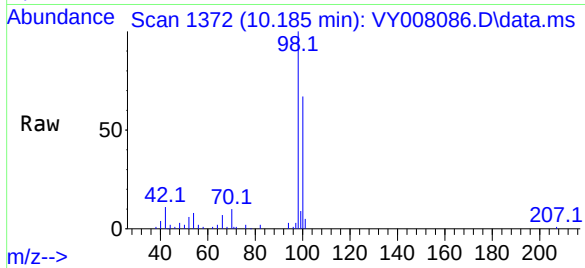




#50
Toluene-d8
Concen: 48.163 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

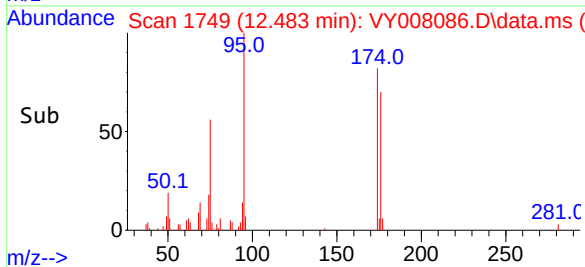
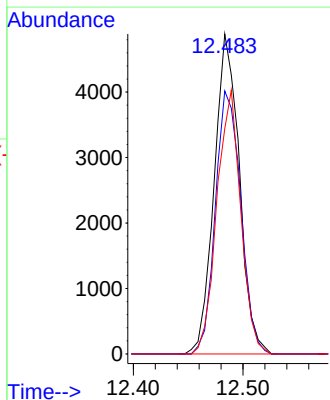
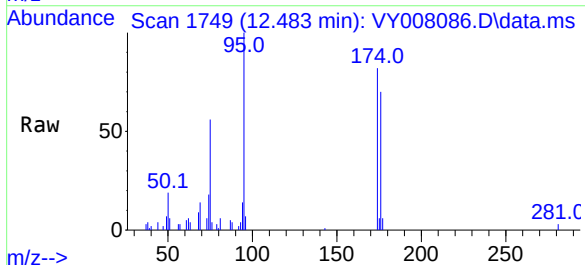
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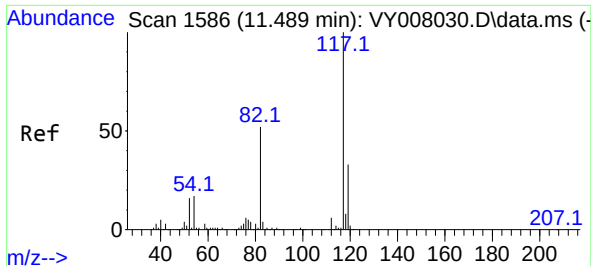
Tgt Ion: 98 Resp: 24997
Ion Ratio Lower Upper
98 100
100 67.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Tgt Ion: 95 Resp: 7774
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 78.3 0.0 175.8

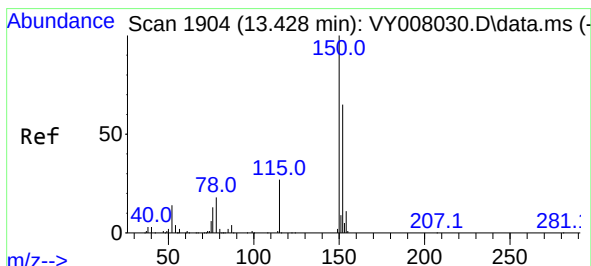
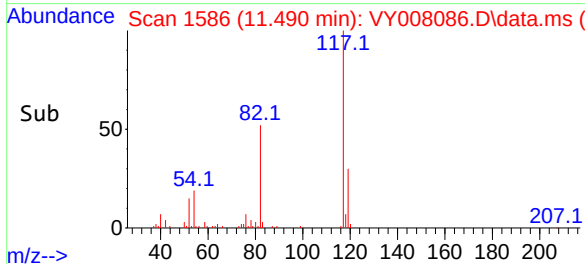
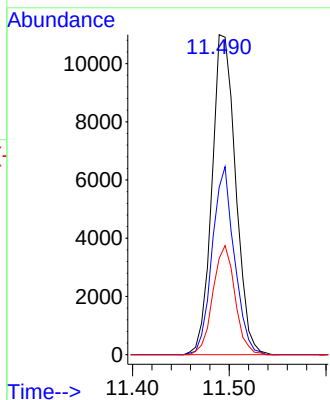
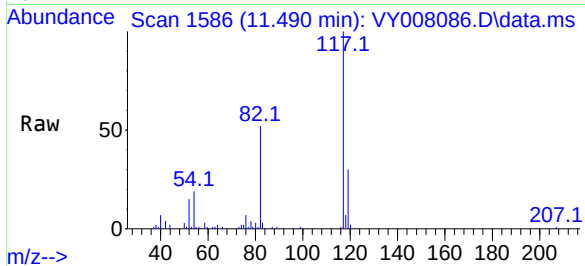




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :
22L076-C

Tgt Ion:117 Resp: 18674
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 30.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY008086.D
Acq: 29 Mar 2022 14:52

Tgt Ion:152 Resp: 7063
Ion Ratio Lower Upper
152 100
115 61.0 28.2 84.7
150 157.0 0.0 347.6

