

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007959.D
 Acq On : 21 Mar 2022 16:59
 Operator : SY/MD
 Sample : N1958-09RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-9-8-9RE

Quant Time: Mar 22 03:40:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	17547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	34243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	30101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11938	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	13652	68.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.480%
35) Dibromofluoromethane	7.716	113	10577	43.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.960%
50) Toluene-d8	10.179	98	40731	56.908	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.820%
62) 4-Bromofluorobenzene	12.483	95	13791	39.957	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.920%

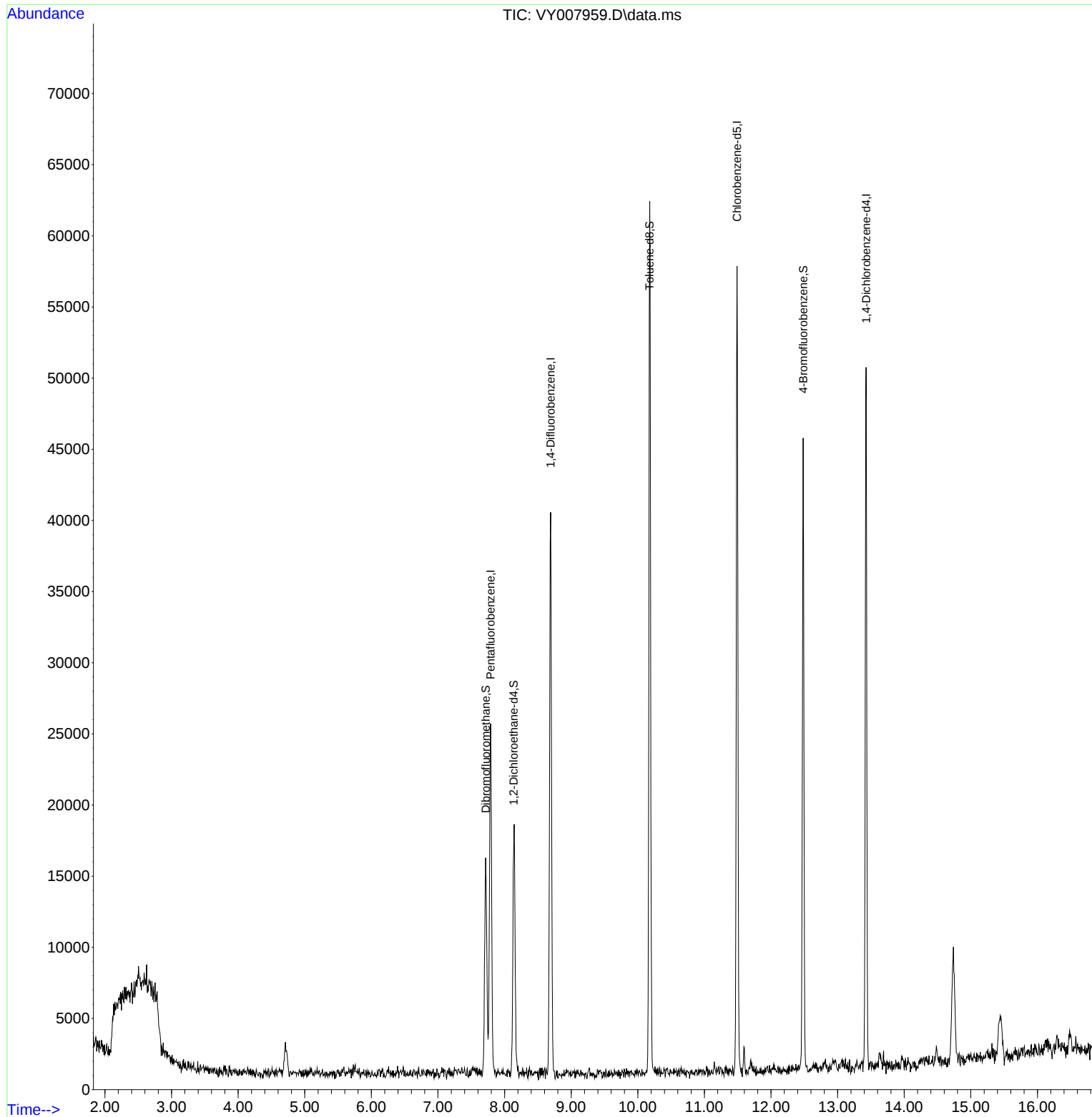
Target Compounds	Qvalue

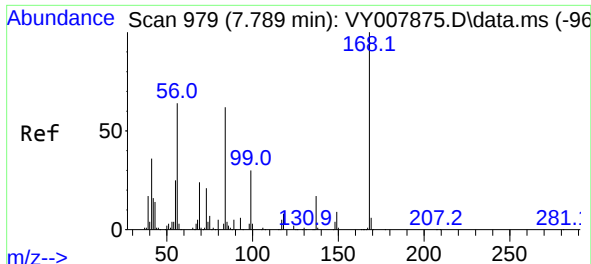
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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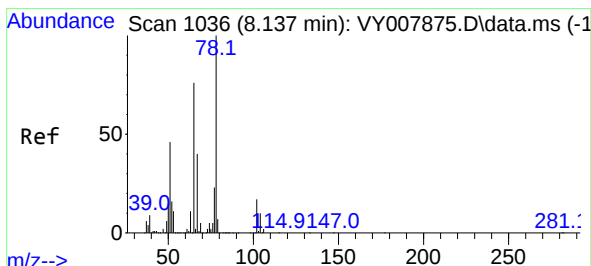
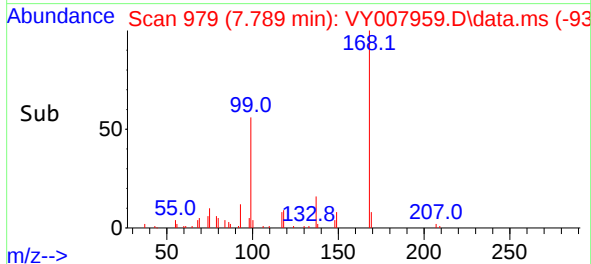
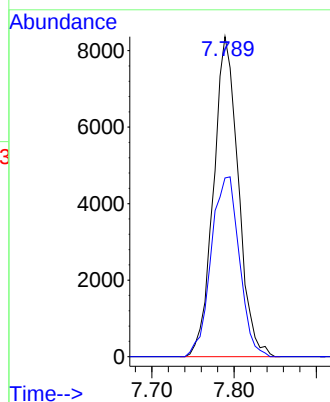
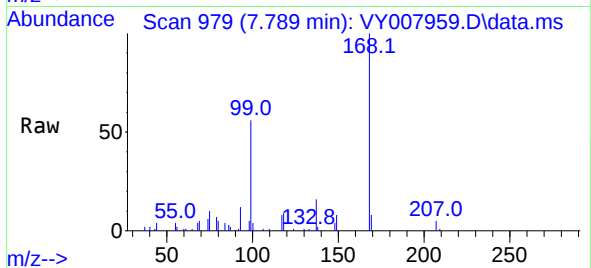




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007959.D
Acq: 21 Mar 2022 16:59

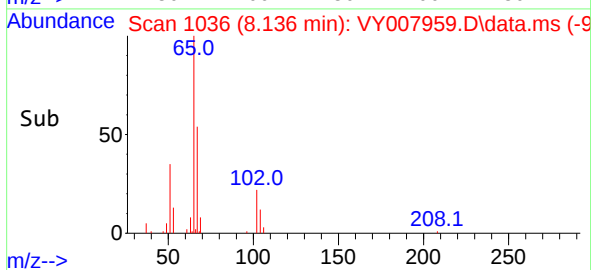
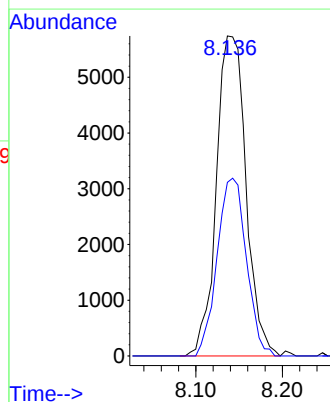
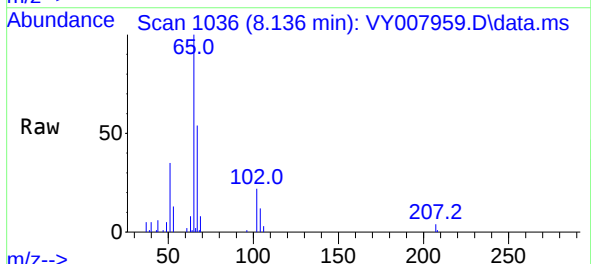
Instrument :
MSVOA_Y
ClientSampleId :
C-9-8-9RE

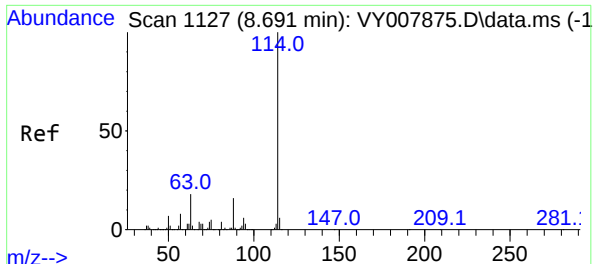
Tgt Ion:168 Resp: 17547
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.237 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY007959.D
Acq: 21 Mar 2022 16:59

Tgt Ion: 65 Resp: 13652
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# 1127

Delta R.T. -0.000 min

Lab File: VY007959.D

Acq: 21 Mar 2022 16:59

Instrument :

MSVOA_Y

ClientSampleId :

C-9-8-9RE

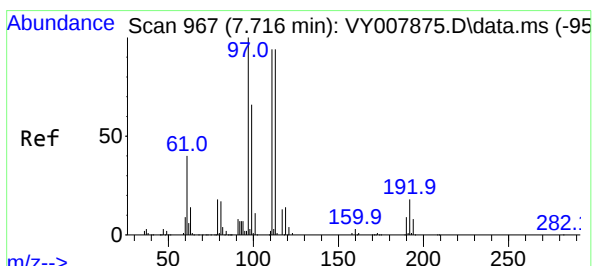
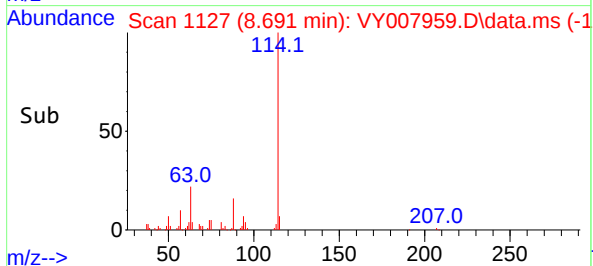
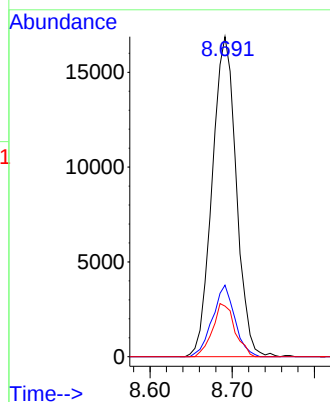
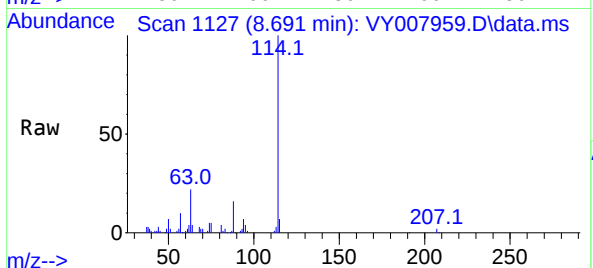
Tgt Ion:114 Resp: 34243

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.982 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007959.D

Acq: 21 Mar 2022 16:59

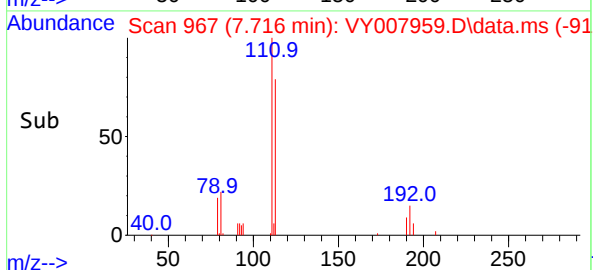
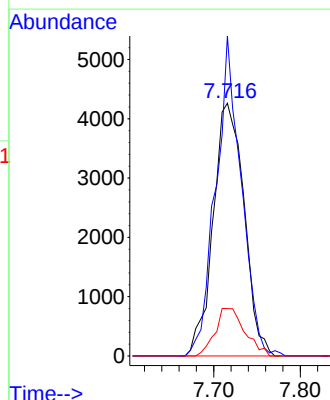
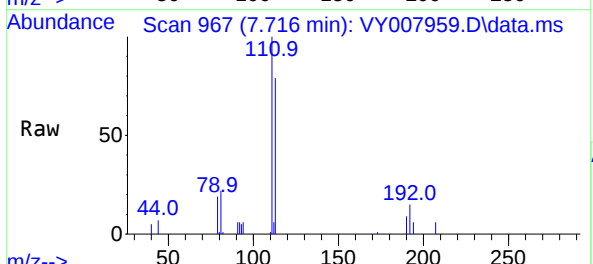
Tgt Ion:113 Resp: 10577

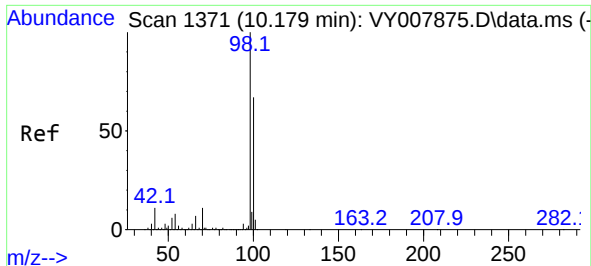
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 18.1 17.6 26.4

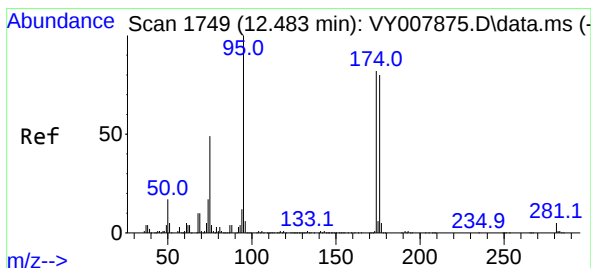
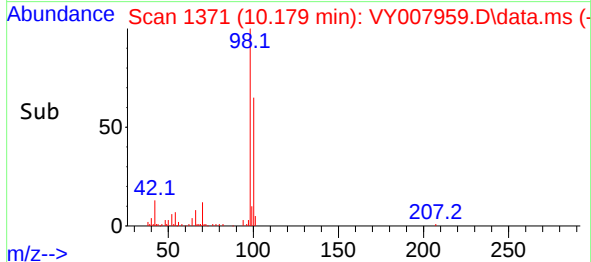
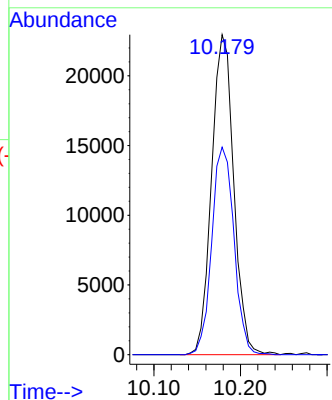
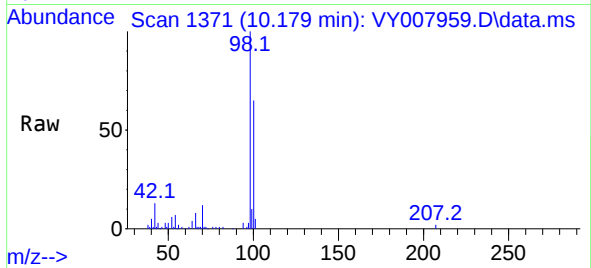




#50
Toluene-d8
Concen: 56.908 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007959.D
Acq: 21 Mar 2022 16:59

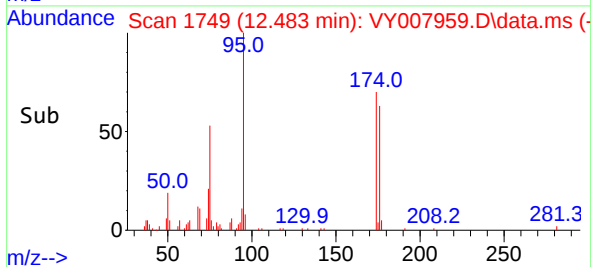
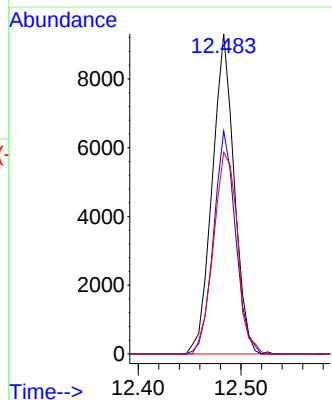
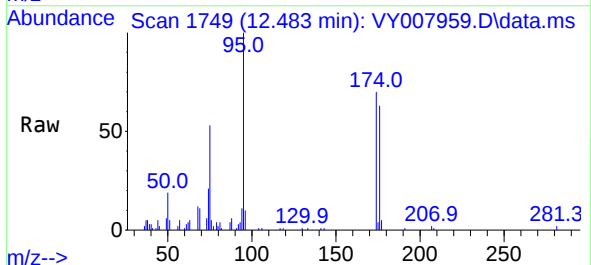
Instrument :
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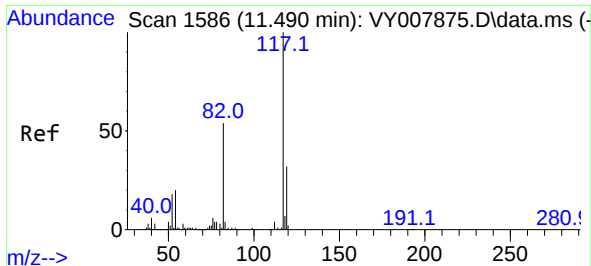
Tgt Ion: 98 Resp: 40731
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.957 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007959.D
Acq: 21 Mar 2022 16:59

Tgt Ion: 95 Resp: 13791
Ion Ratio Lower Upper
95 100
174 69.8 0.0 177.0
176 68.7 0.0 175.8

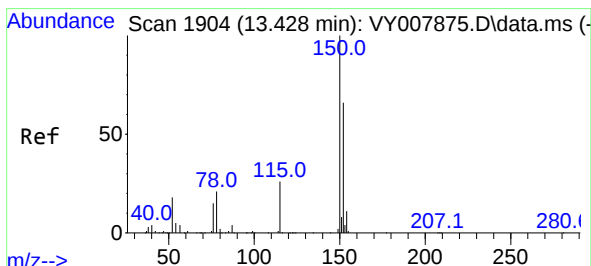
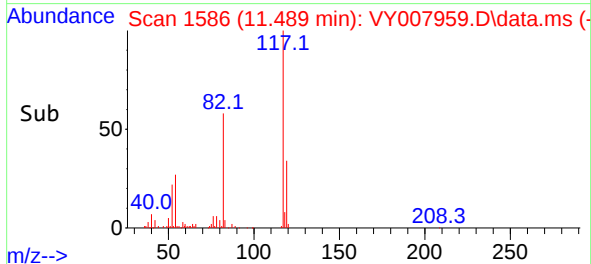
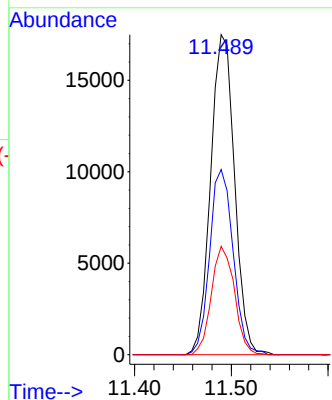
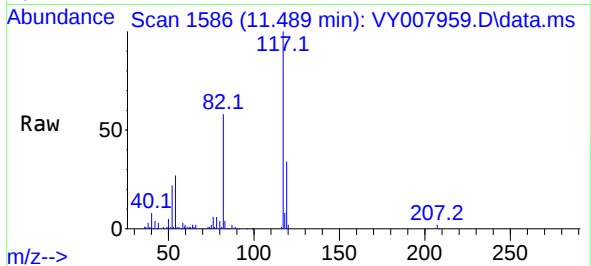




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007959.D
Acq: 21 Mar 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :
C-9-8-9RE

Tgt Ion:117 Resp: 30101
Ion Ratio Lower Upper
117 100
82 57.9 43.0 64.4
119 33.8 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: VY007959.D
Acq: 21 Mar 2022 16:59

Tgt Ion:152 Resp: 11938
Ion Ratio Lower Upper
152 100
115 61.0 28.2 84.7
150 155.9 0.0 347.6

