

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011521.D
 Acq On : 21 Nov 2022 14:05
 Operator : KP/MD
 Sample : N5678-15
 Misc : 7.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FB-BP-BACKFILL-08

Quant Time: Nov 22 01:45:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	191071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	350209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	133768	68.948	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.900%
35) Dibromofluoromethane	7.722	113	118220	51.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.960%
50) Toluene-d8	10.179	98	452718	54.773	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.540%
62) 4-Bromofluorobenzene	12.483	95	143751	47.040	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.080%

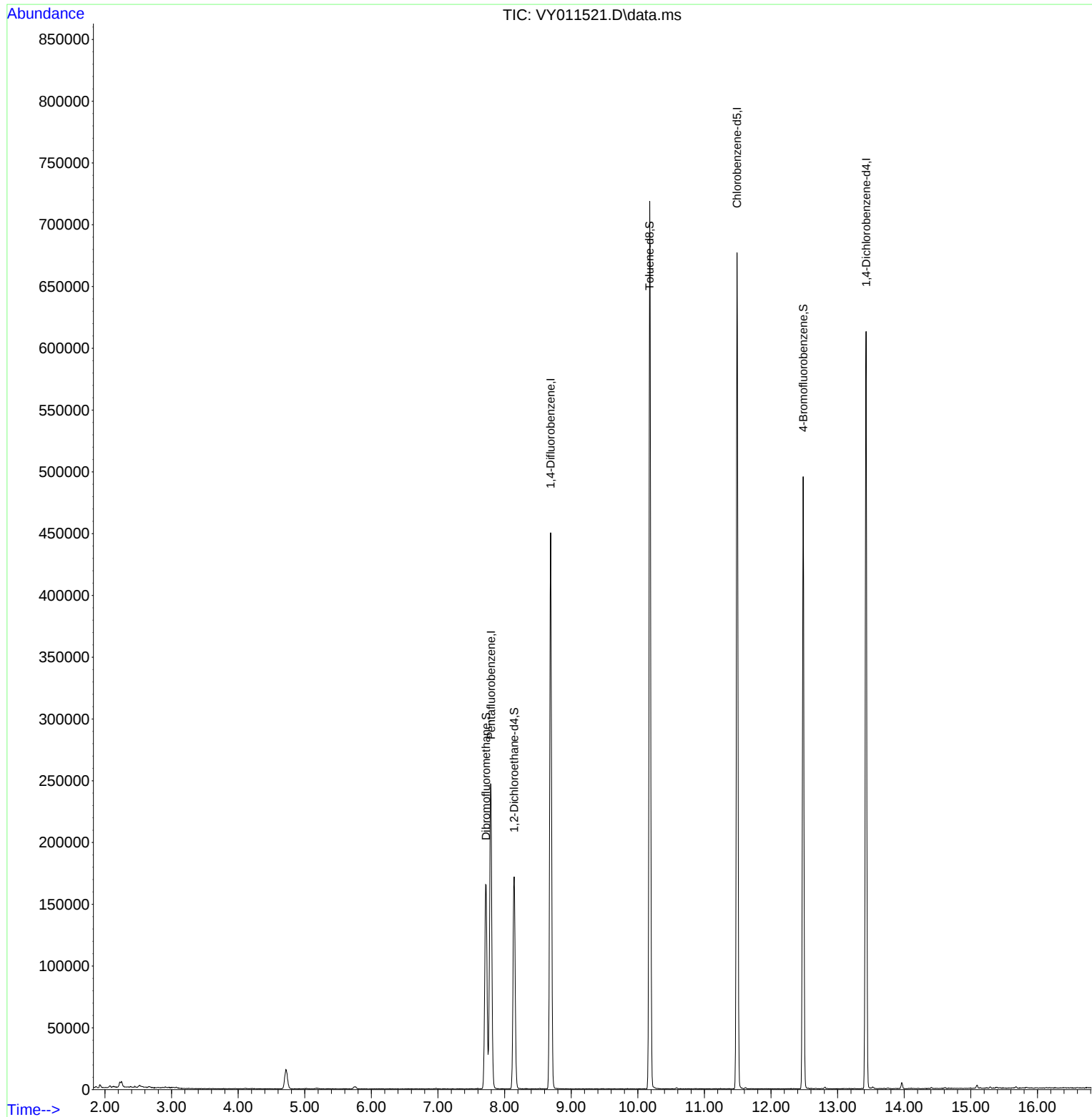
Target Compounds	Qvalue

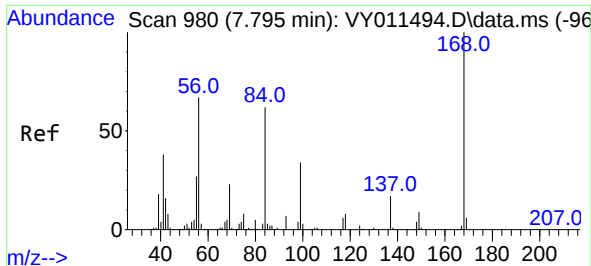
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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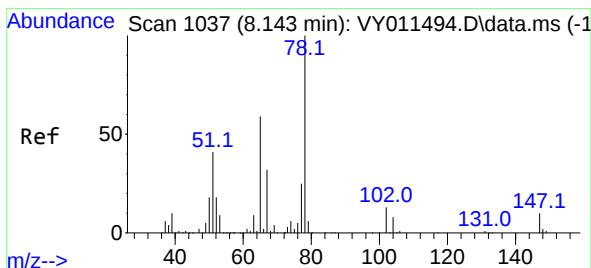
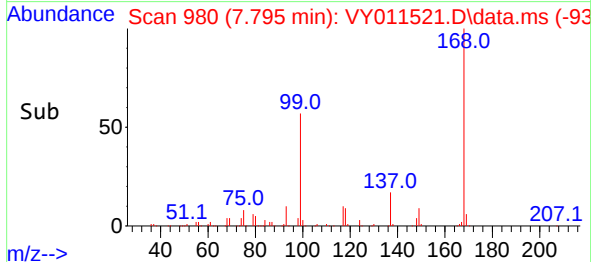
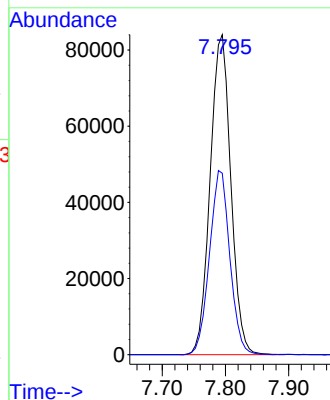
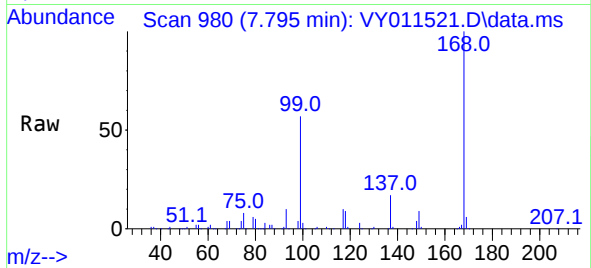




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011521.D
Acq: 21 Nov 2022 14:05

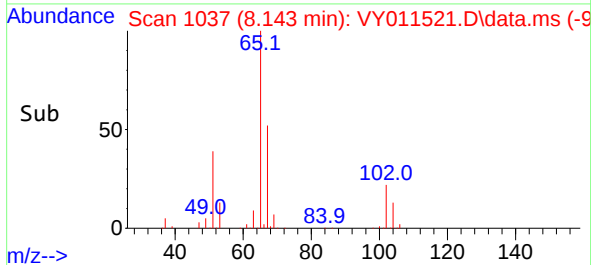
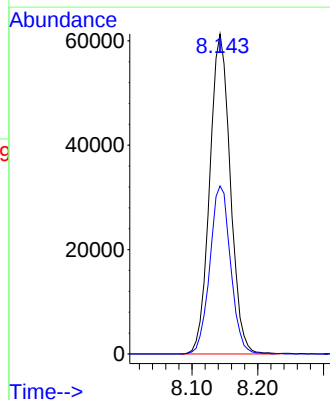
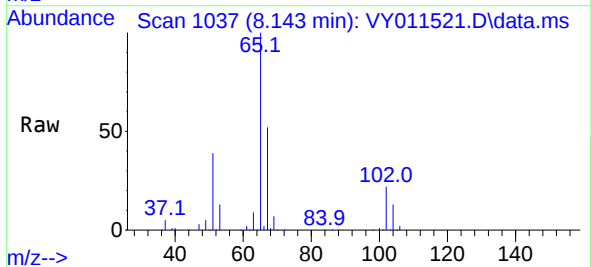
Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-08

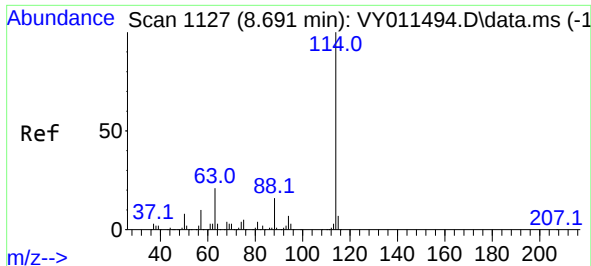
Tgt Ion:168 Resp: 191071
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.948 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011521.D
Acq: 21 Nov 2022 14:05

Tgt Ion: 65 Resp: 133768
Ion Ratio Lower Upper
65 100
67 52.8 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: VY011521.D

Acq: 21 Nov 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

250FB-BP-BACKFILL-08

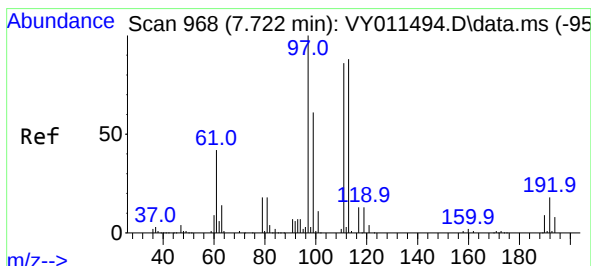
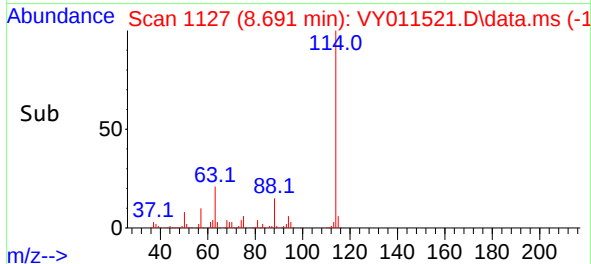
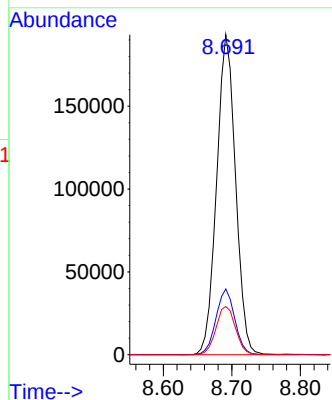
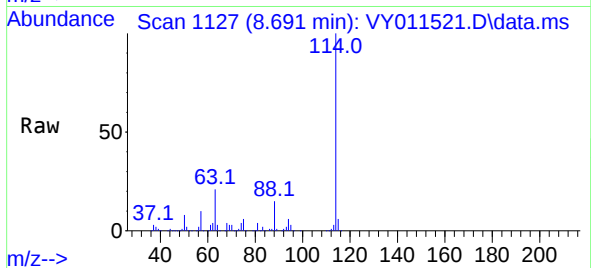
Tgt Ion:114 Resp: 369483

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.976 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011521.D

Acq: 21 Nov 2022 14:05

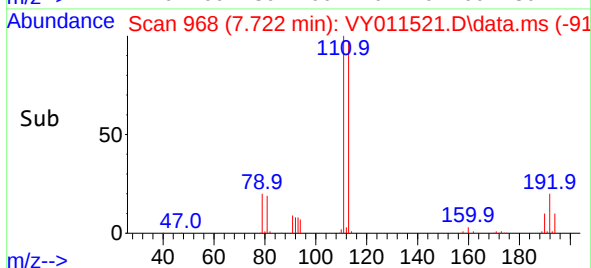
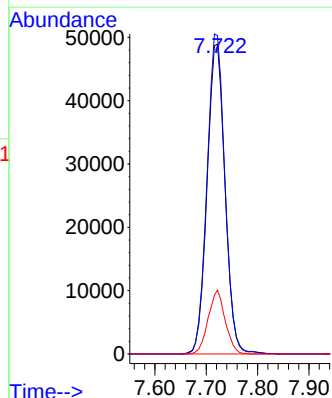
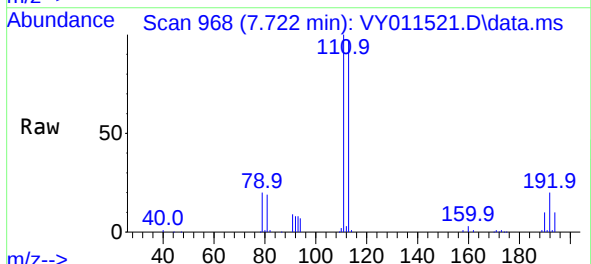
Tgt Ion:113 Resp: 118220

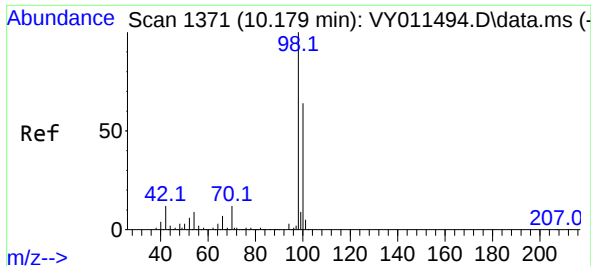
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 19.6 17.6 26.4

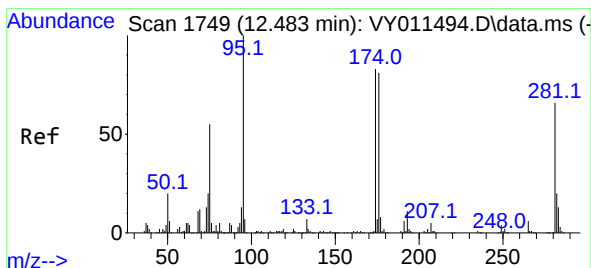
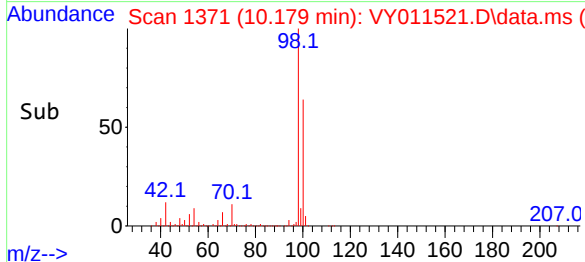
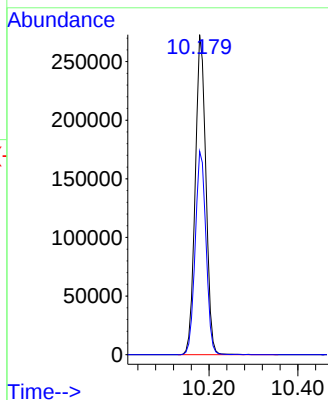
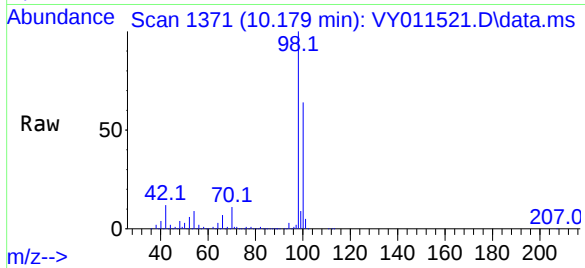




#50
Toluene-d8
Concen: 54.773 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011521.D
Acq: 21 Nov 2022 14:05

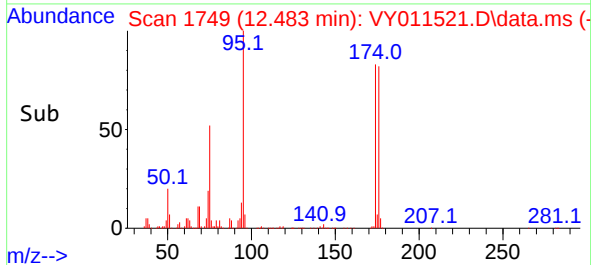
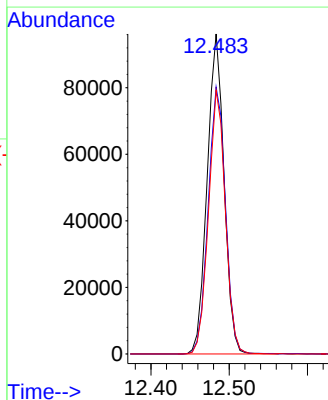
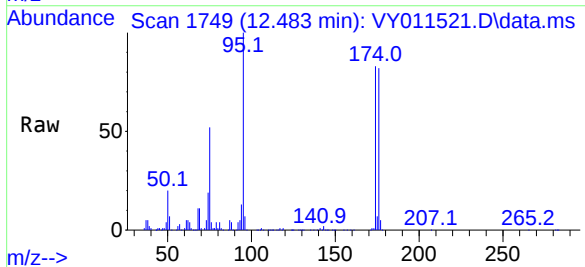
Instrument :
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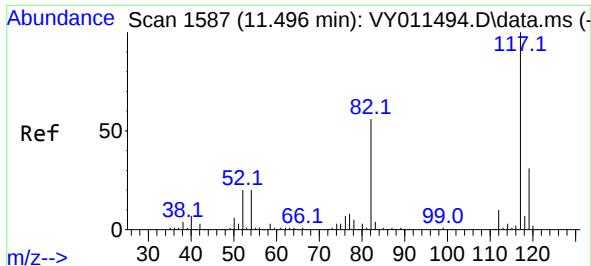
Tgt Ion: 98 Resp: 452718
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.040 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011521.D
Acq: 21 Nov 2022 14:05

Tgt Ion: 95 Resp: 143751
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 82.2 0.0 175.8

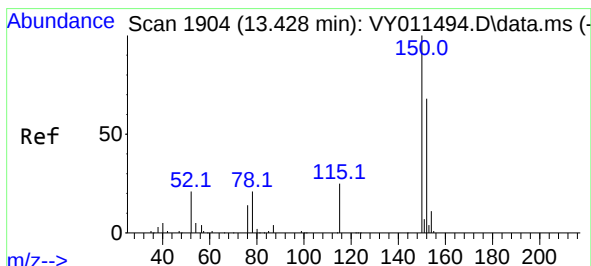
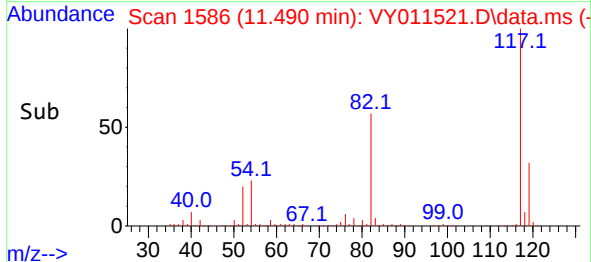
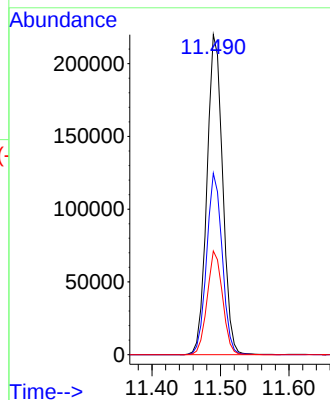
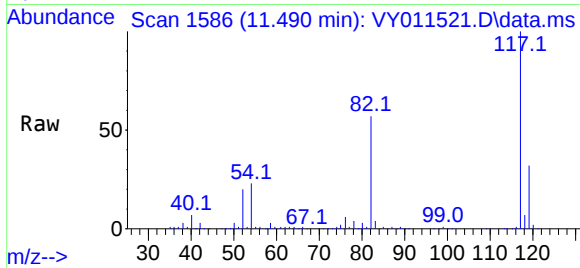




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011521.D
Acq: 21 Nov 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
250FB-BP-BACKFILL-08

Tgt Ion:117 Resp: 350209
Ion Ratio Lower Upper
117 100
82 56.7 43.0 64.4
119 32.4 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: VY011521.D
Acq: 21 Nov 2022 14:05

Tgt Ion:152 Resp: 153371
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 156.3 0.0 347.6

