

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY011994.D
 Acq On : 23 Dec 2022 13:51
 Operator : KP/MD
 Sample : N6199-01
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-604-COMP-1

Quant Time: Dec 23 22:25:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	185833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	327543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	310025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142983	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	123638	66.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.080%
35) Dibromofluoromethane	7.716	113	104730	53.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.220%
50) Toluene-d8	10.179	98	395469	49.431	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.483	95	130447	48.480	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.960%

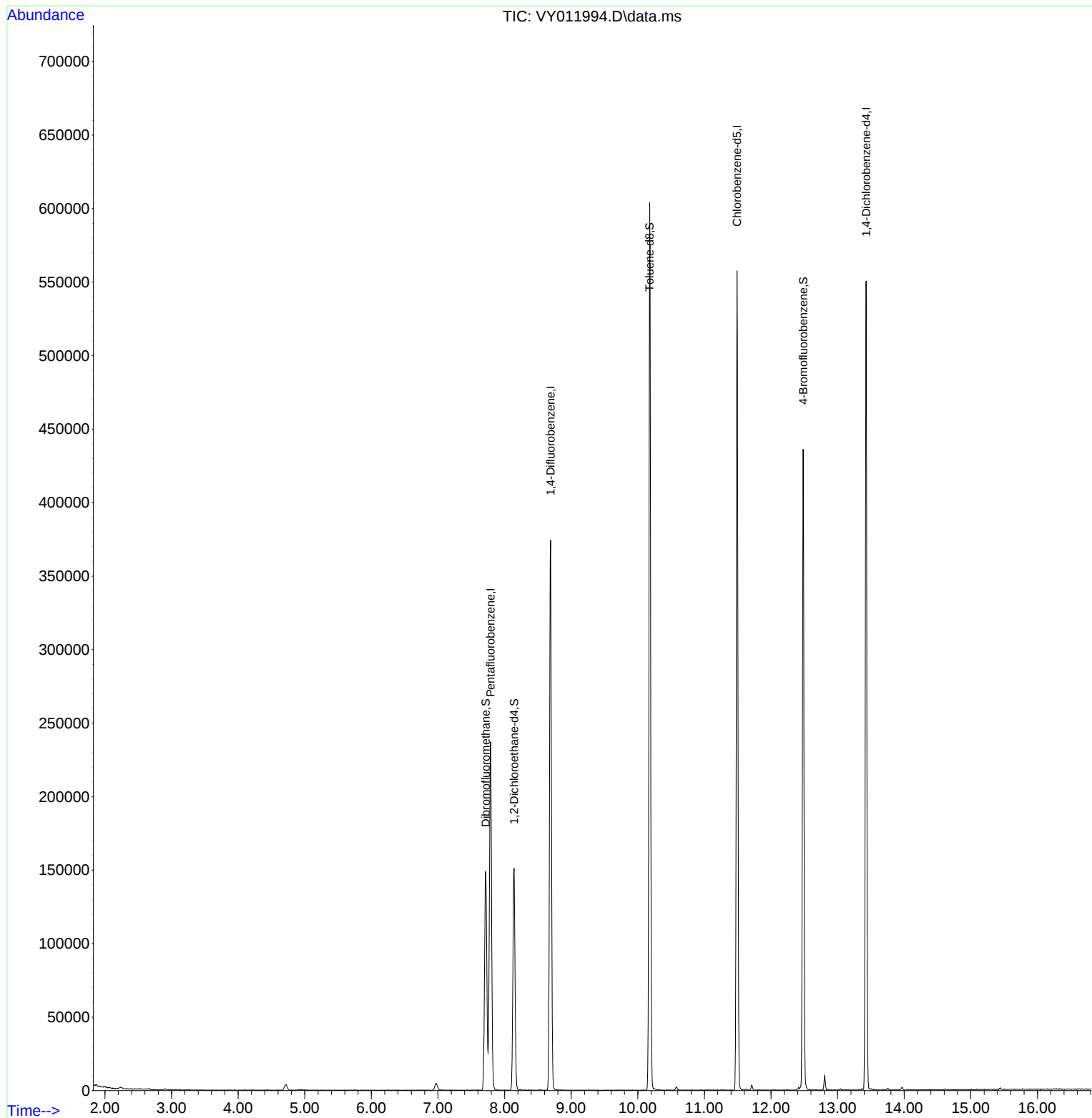
Target Compounds	Qvalue

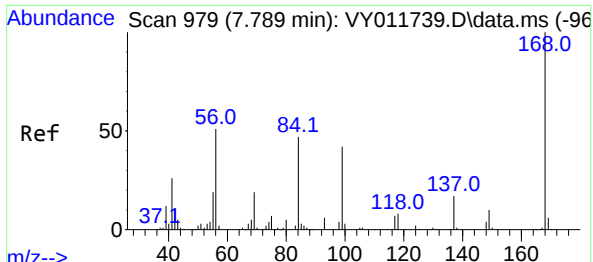
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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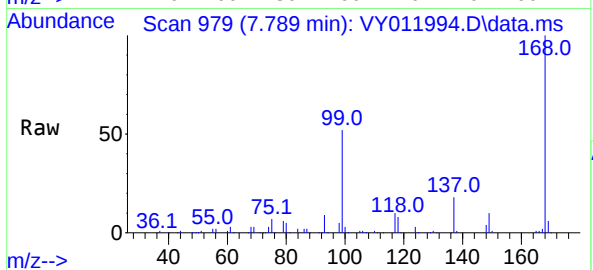
Quant Time: Dec 23 22:25:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
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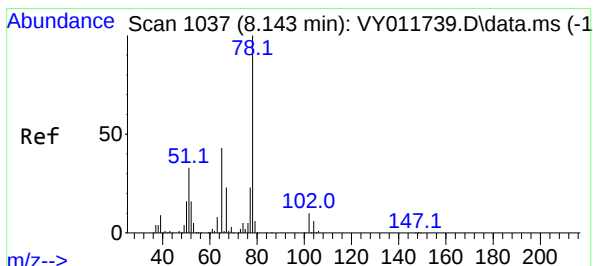
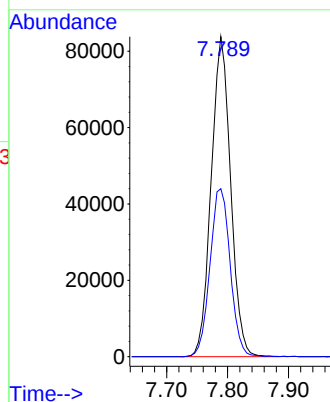
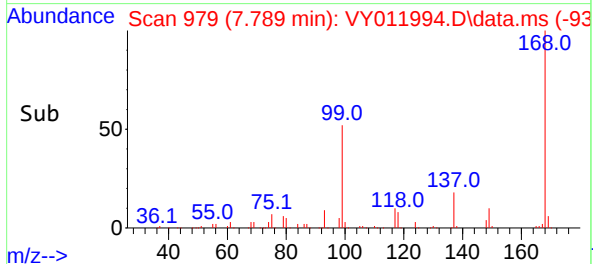


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Instrument :
MSVOA_Y
ClientSampleId :
TR-604-COMP-1

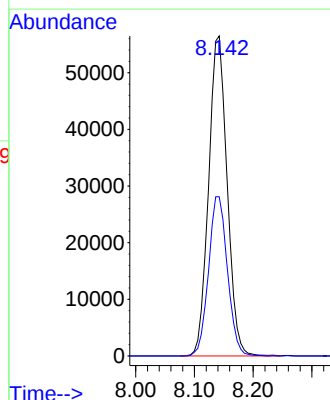
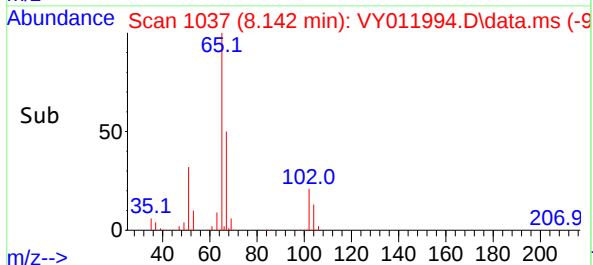
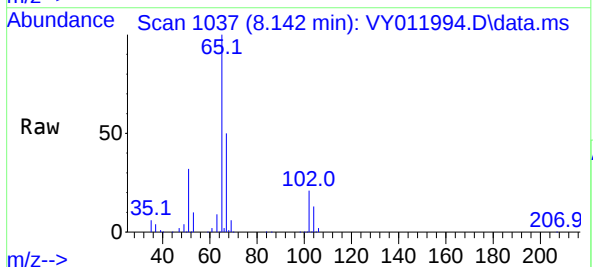


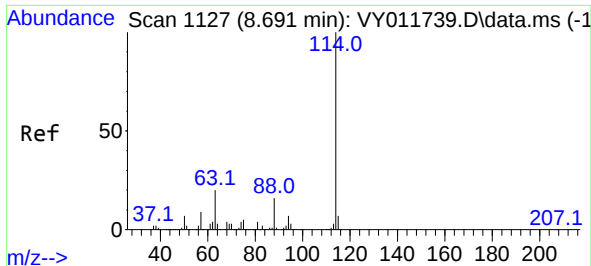
Tgt Ion:168 Resp: 185833
Ion Ratio Lower Upper
168 100
99 52.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 66.038 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Tgt Ion: 65 Resp: 123638
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011994.D

Acq: 23 Dec 2022 13:51

Instrument :

MSVOA_Y

ClientSampleId :

TR-604-COMP-1

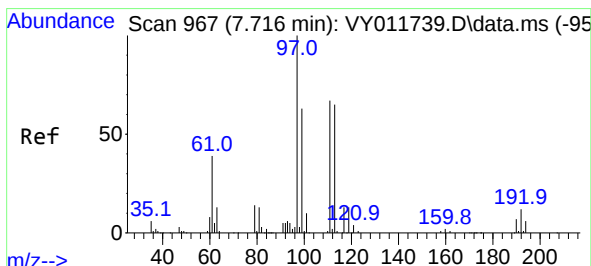
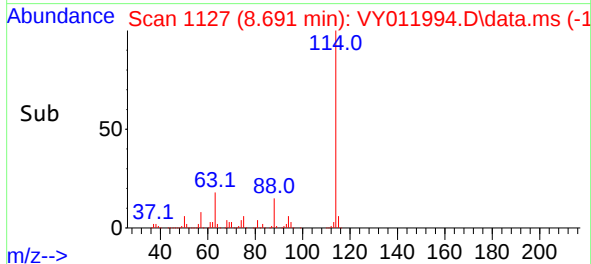
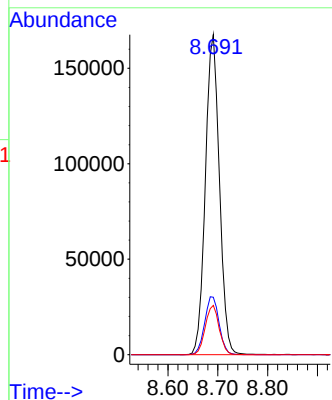
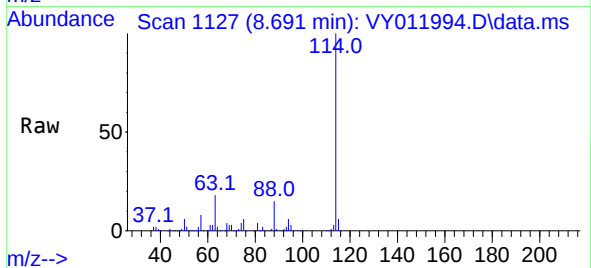
Tgt Ion:114 Resp: 327543

Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 53.111 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011994.D

Acq: 23 Dec 2022 13:51

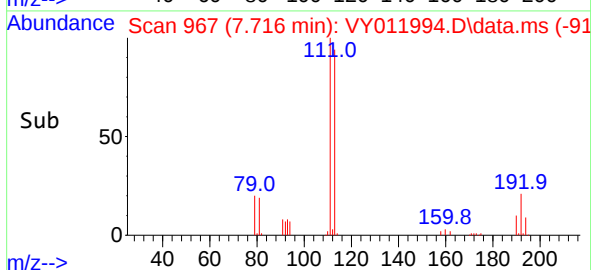
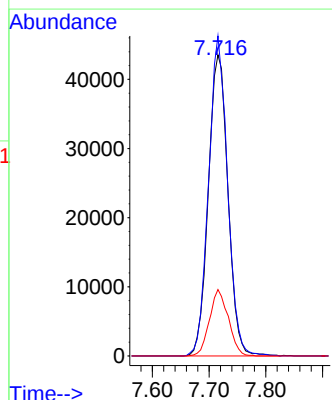
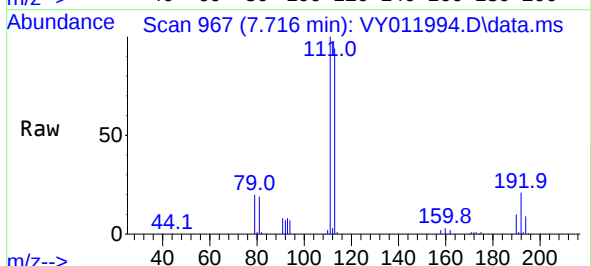
Tgt Ion:113 Resp: 104730

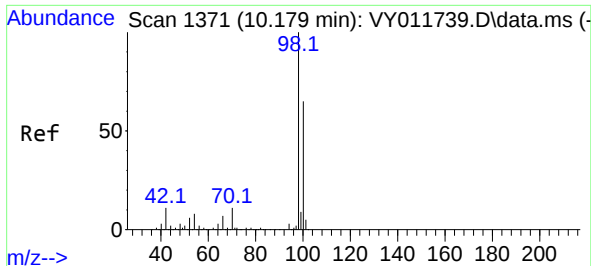
Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.4

192 21.2 16.0 24.0

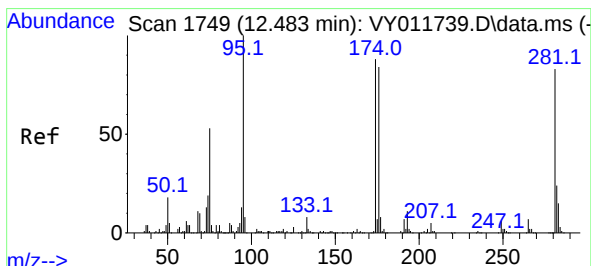
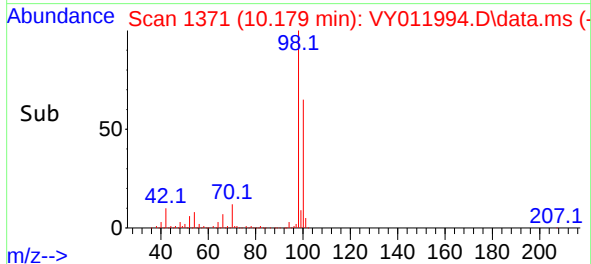
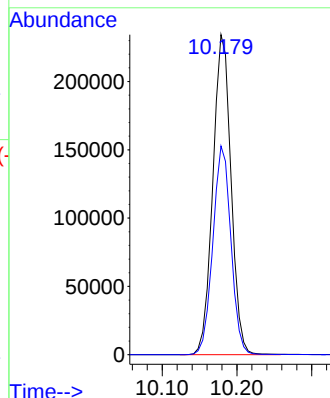
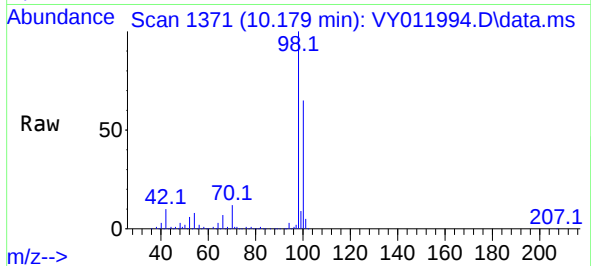




#50
Toluene-d8
Concen: 49.431 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

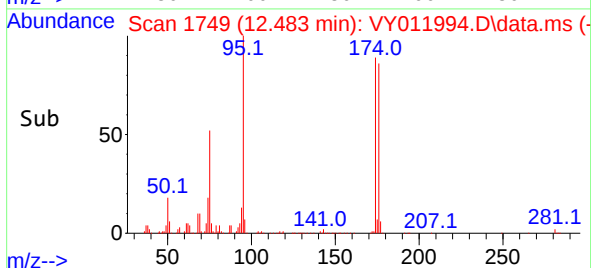
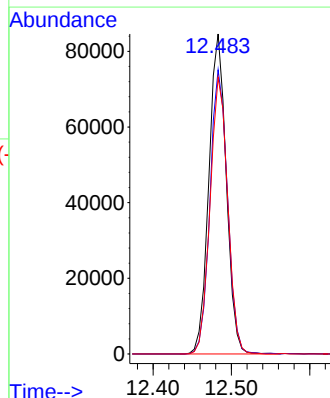
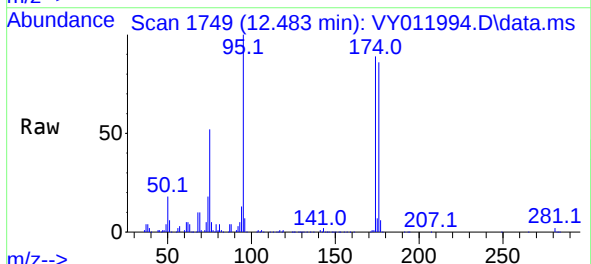
Instrument :
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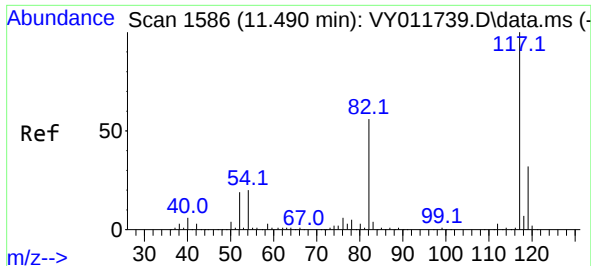
Tgt Ion: 98 Resp: 395469
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.480 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Tgt Ion: 95 Resp: 130447
Ion Ratio Lower Upper
95 100
174 89.1 0.0 172.0
176 87.4 0.0 167.6

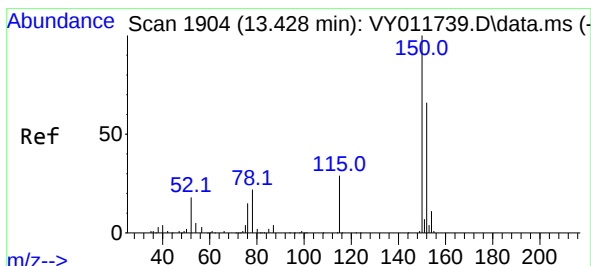
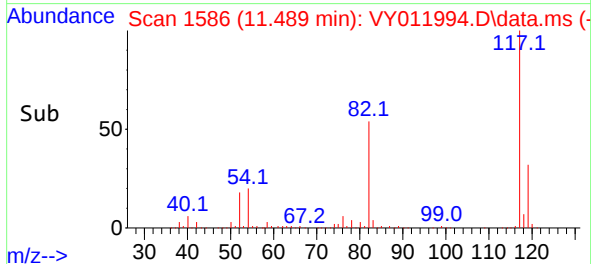
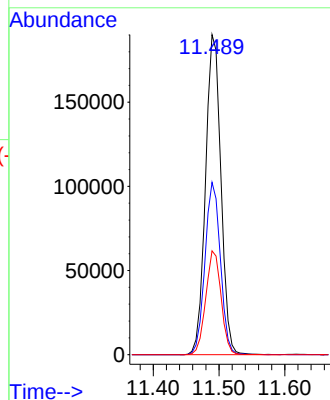
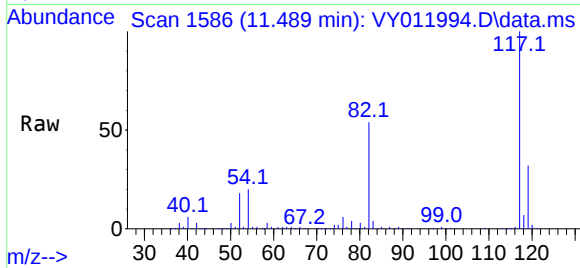




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Instrument :
MSVOA_Y
ClientSampleId :
TR-604-COMP-1

Tgt Ion:117 Resp: 310025
Ion Ratio Lower Upper
117 100
82 53.9 44.8 67.2
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011994.D
Acq: 23 Dec 2022 13:51

Tgt Ion:152 Resp: 142983
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 156.5 0.0 342.6

