

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY012000.D
 Acq On : 23 Dec 2022 16:11
 Operator : KP/MD
 Sample : N6148-09
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 23 22:26:06 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	186996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	326024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	308415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	115820	61.477	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.960%
35) Dibromofluoromethane	7.716	113	102605	52.276	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.560%
50) Toluene-d8	10.179	98	400124	50.246	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.500%
62) 4-Bromofluorobenzene	12.483	95	125158	46.731	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.460%

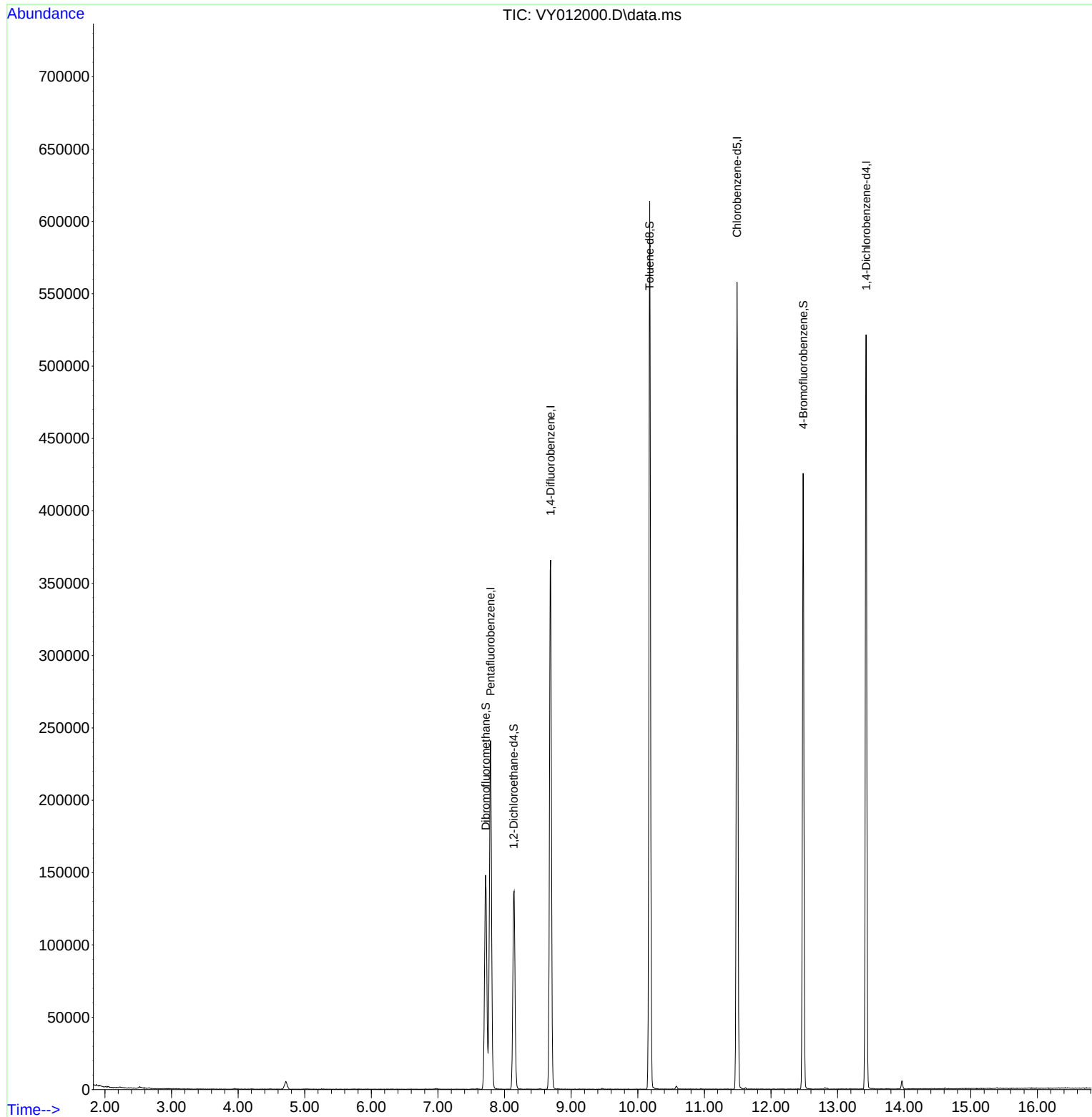
Target Compounds	Qvalue

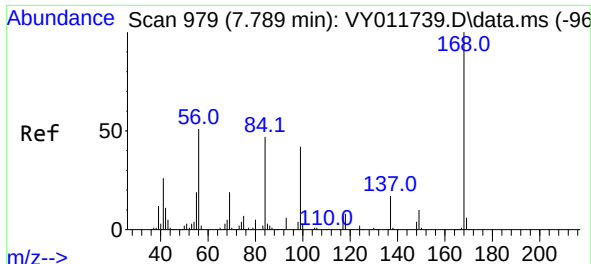
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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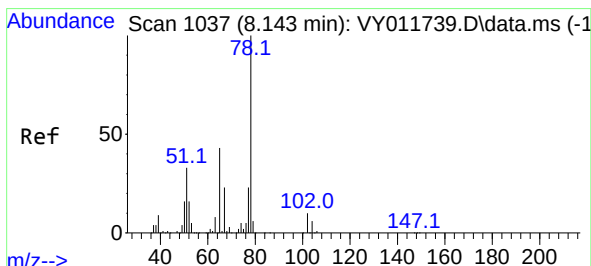
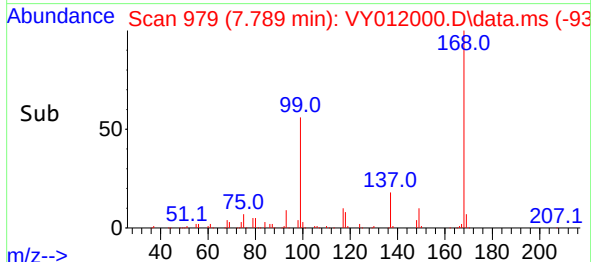
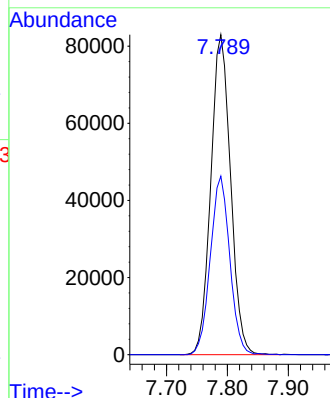
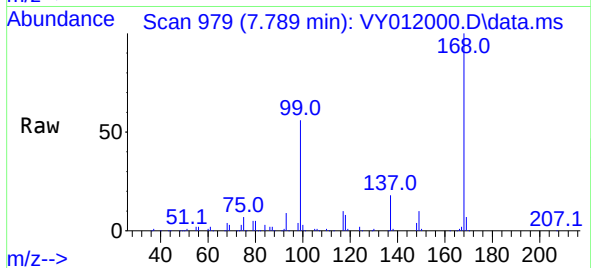




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

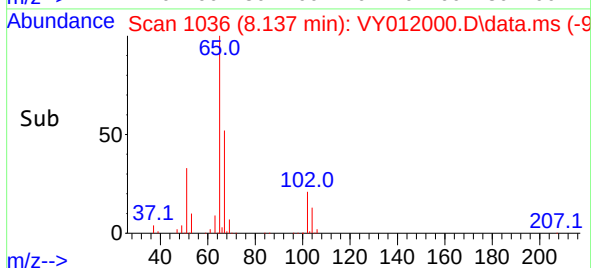
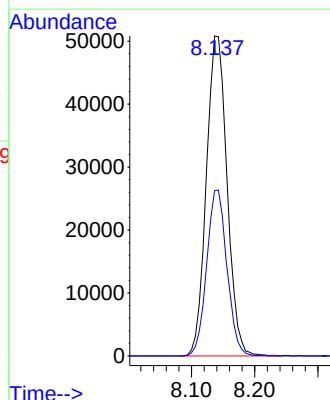
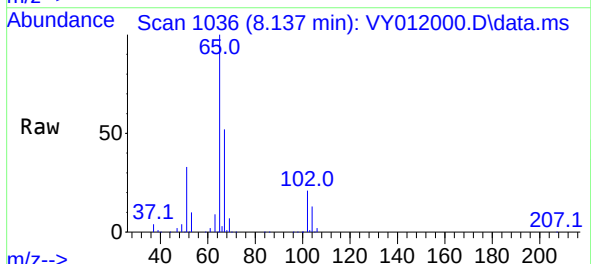
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

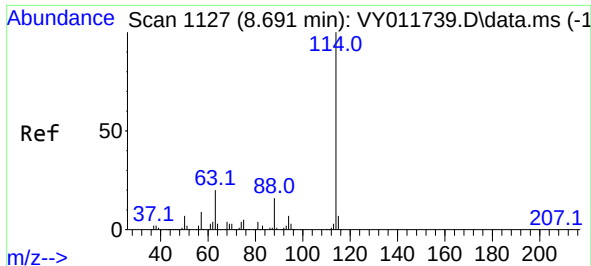
Tgt Ion:168 Resp: 186996
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 61.477 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

Tgt Ion: 65 Resp: 115820
Ion Ratio Lower Upper
65 100
67 50.7 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: VY012000.D

Acq: 23 Dec 2022 16:11

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK

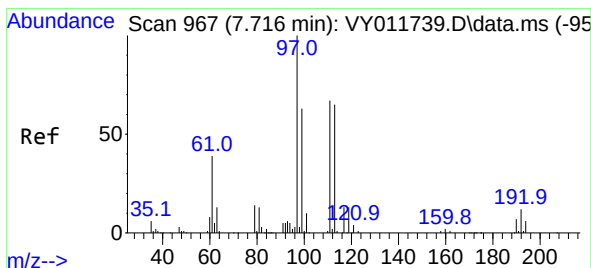
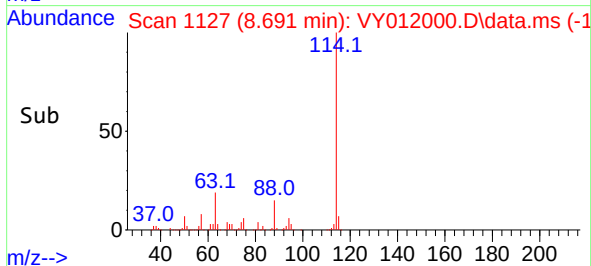
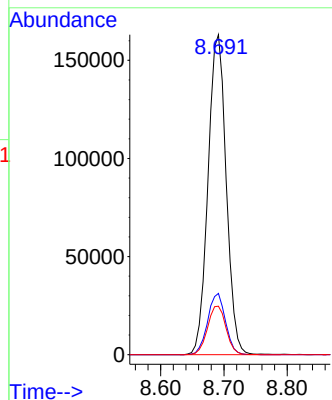
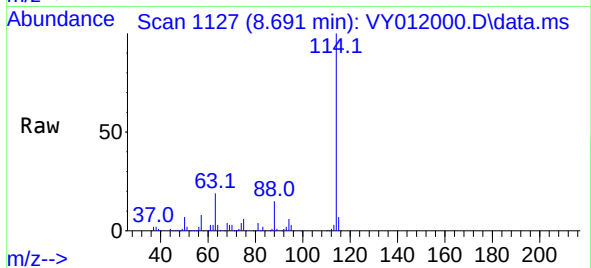
Tgt Ion:114 Resp: 326024

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.276 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012000.D

Acq: 23 Dec 2022 16:11

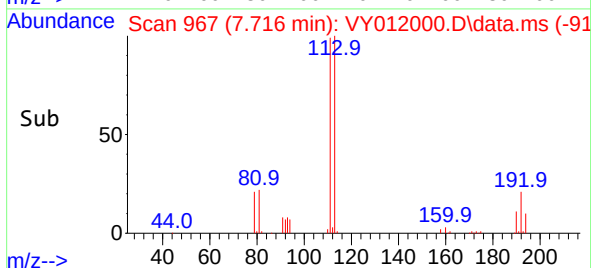
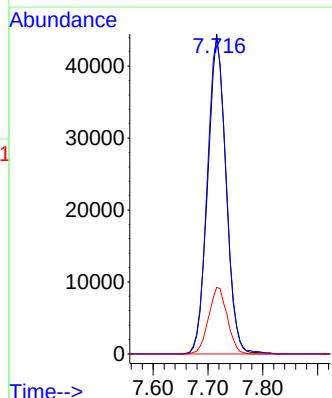
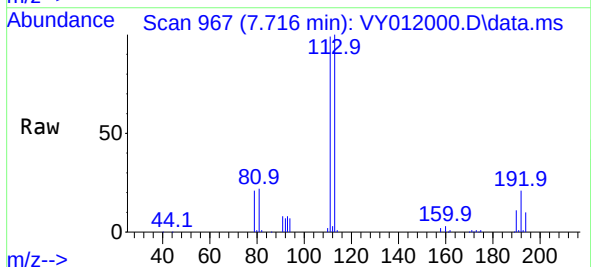
Tgt Ion:113 Resp: 102605

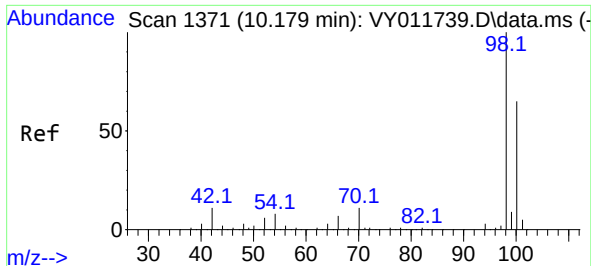
Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

192 21.2 16.0 24.0

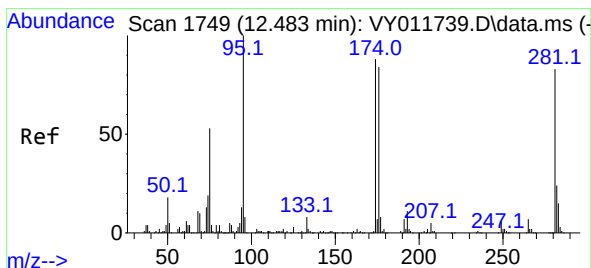
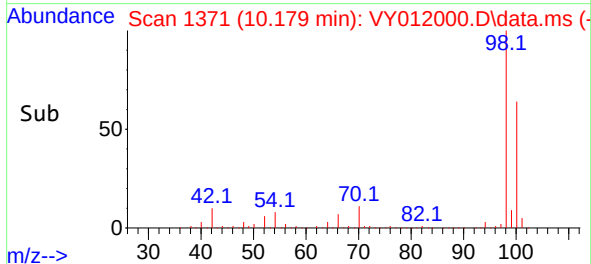
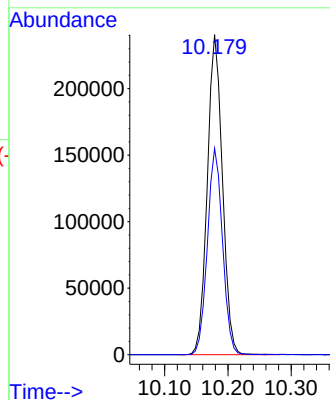
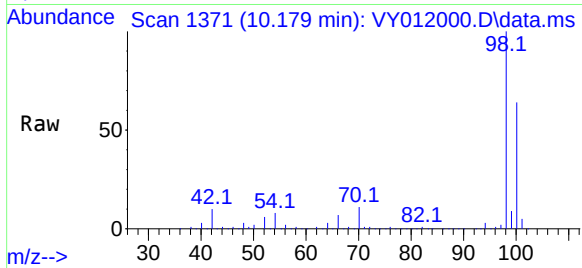




#50
Toluene-d8
Concen: 50.246 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

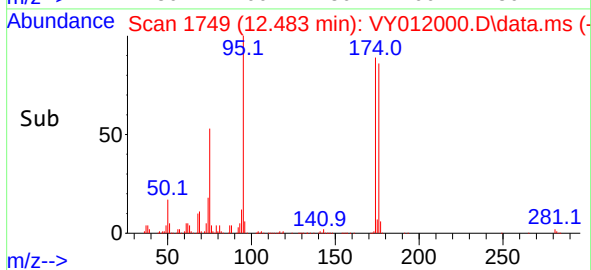
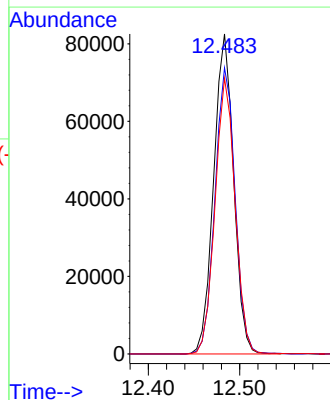
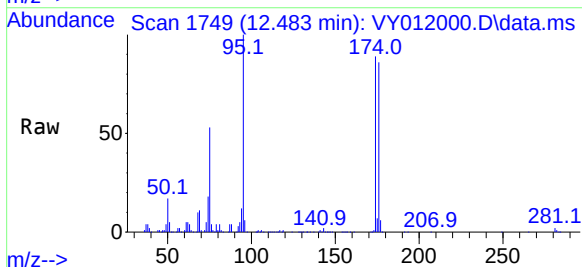
Instrument :
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ClientSampleId :
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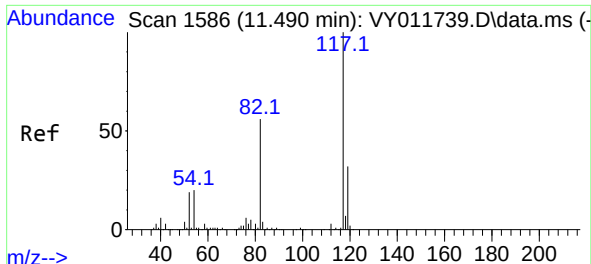
Tgt Ion: 98 Resp: 400124
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.731 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

Tgt Ion: 95 Resp: 125158
Ion Ratio Lower Upper
95 100
174 90.5 0.0 172.0
176 86.6 0.0 167.6

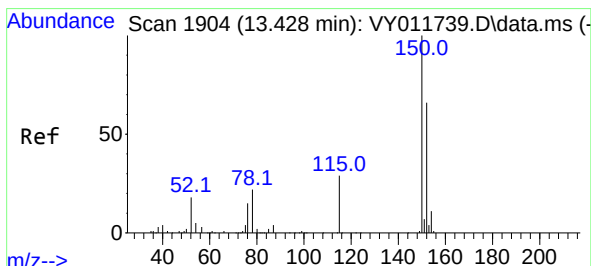
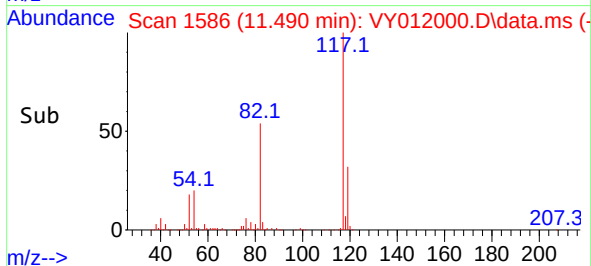
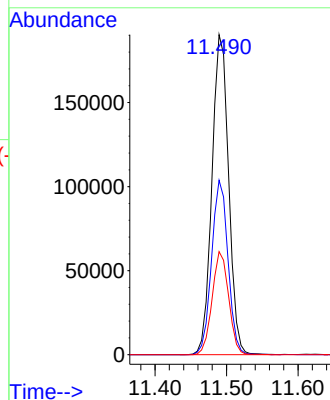
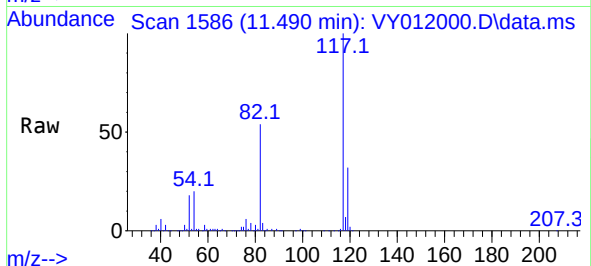




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012000.D
Acq: 23 Dec 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 308415
Ion Ratio Lower Upper
117 100
82 54.5 44.8 67.2
119 32.2 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: VY012000.D
Acq: 23 Dec 2022 16:11

Tgt Ion:152 Resp: 138350
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.3
150 156.6 0.0 342.6

