

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011515.D
 Acq On : 21 Nov 2022 11:45
 Operator : KP/MD
 Sample : VY1121SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBL01

Quant Time: Nov 21 12:02:03 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	196184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	376982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	361010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	130504	65.513	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.020%
35) Dibromofluoromethane	7.722	113	121101	52.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.360%
50) Toluene-d8	10.185	98	462028	54.787	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.580%
62) 4-Bromofluorobenzene	12.483	95	145874	46.785	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.560%

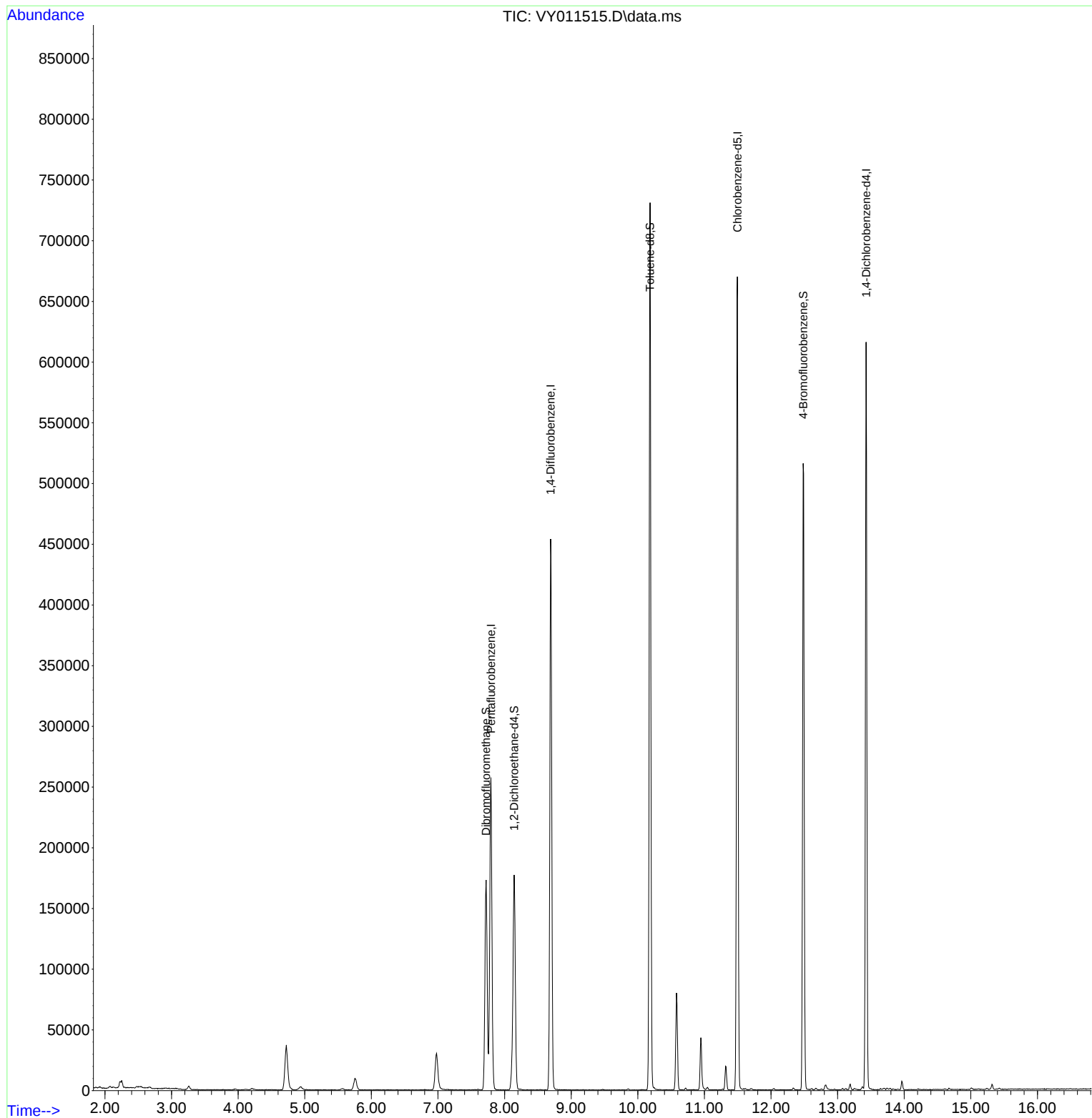
Target Compounds	Qvalue

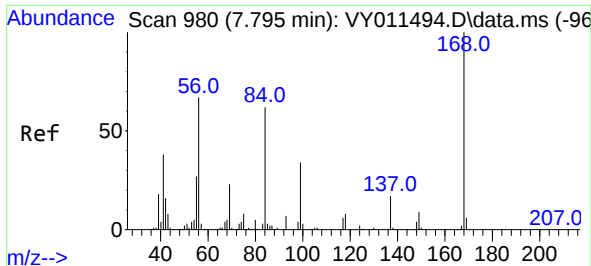
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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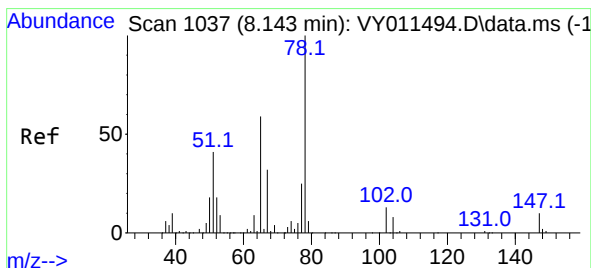
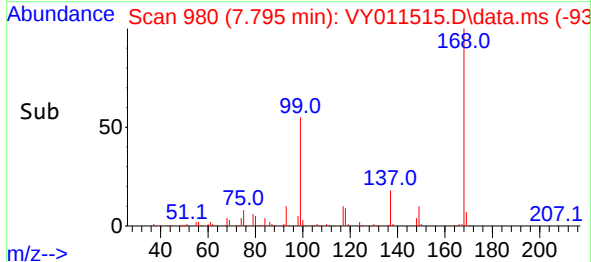
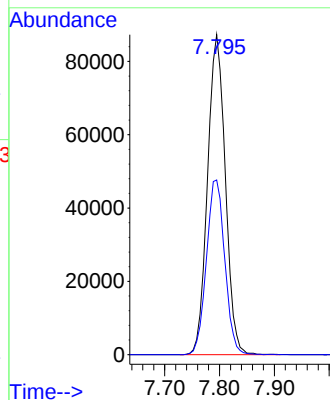
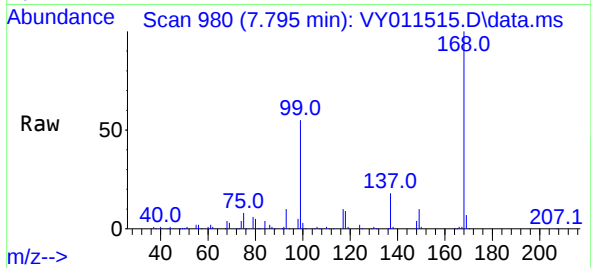




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011515.D
Acq: 21 Nov 2022 11:45

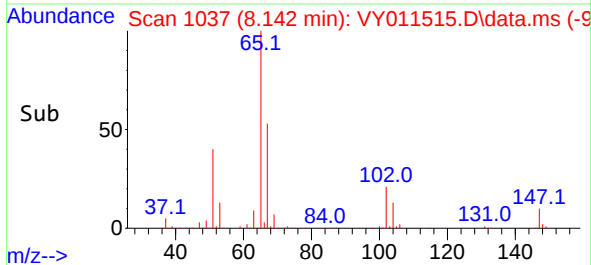
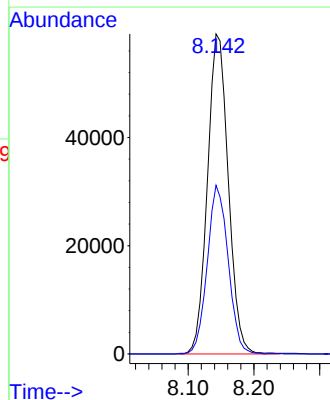
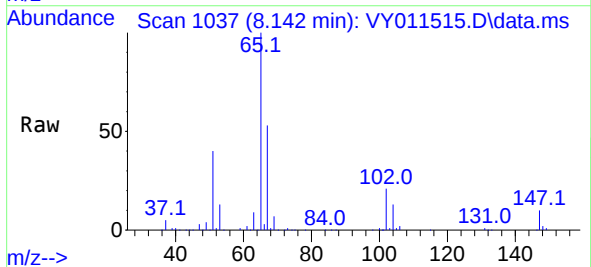
Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBL01

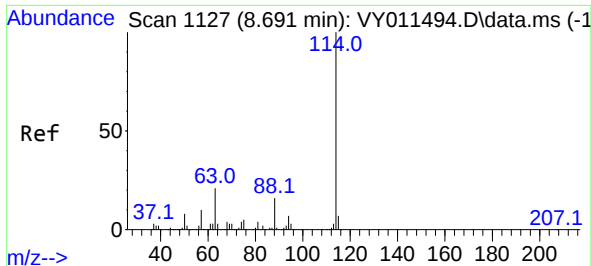
Tgt Ion:168 Resp: 196184
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.513 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011515.D
Acq: 21 Nov 2022 11:45

Tgt Ion: 65 Resp: 130504
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: VY011515.D

Acq: 21 Nov 2022 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1121SBL01

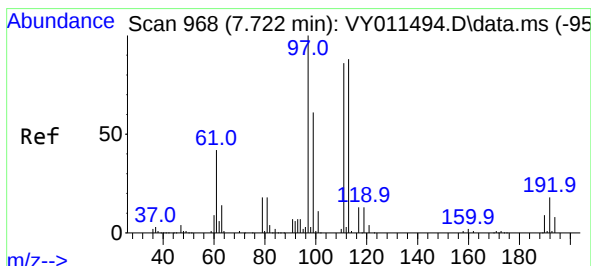
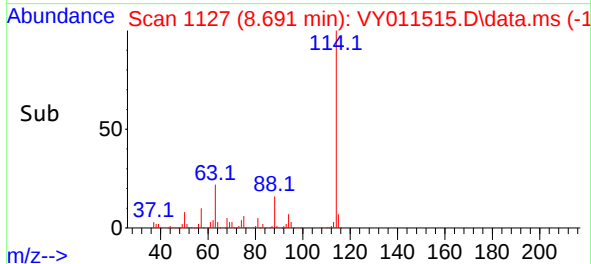
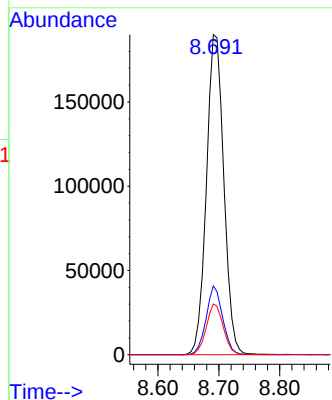
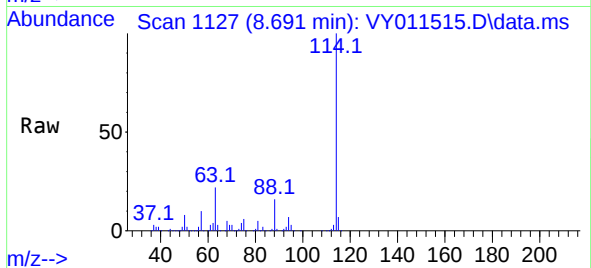
Tgt Ion:114 Resp: 376982

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.184 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011515.D

Acq: 21 Nov 2022 11:45

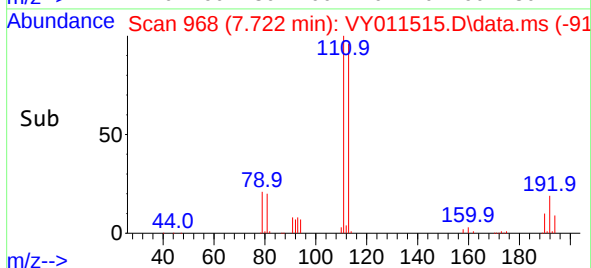
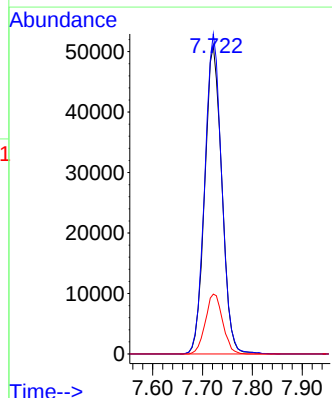
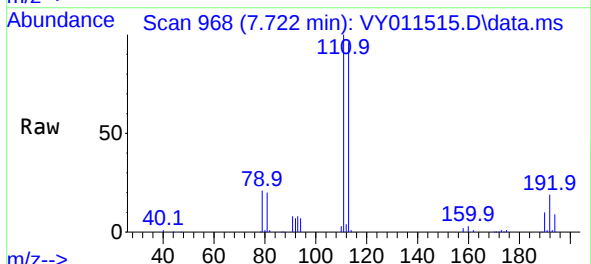
Tgt Ion:113 Resp: 121101

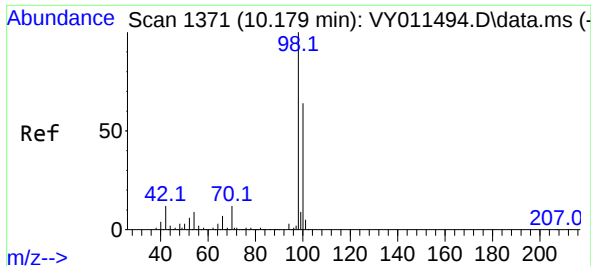
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 19.7 17.6 26.4

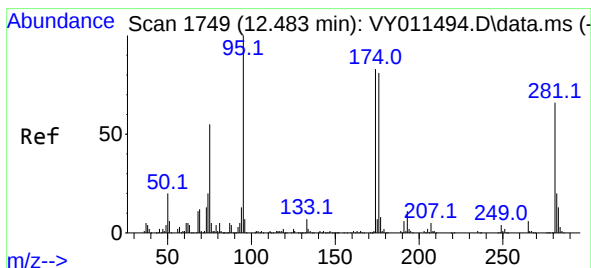
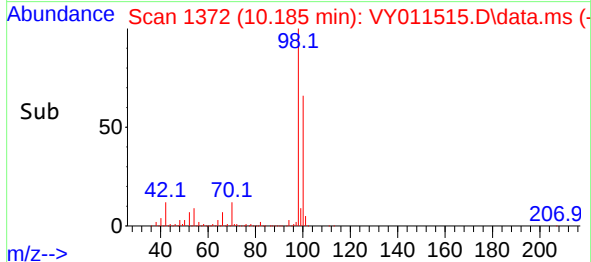
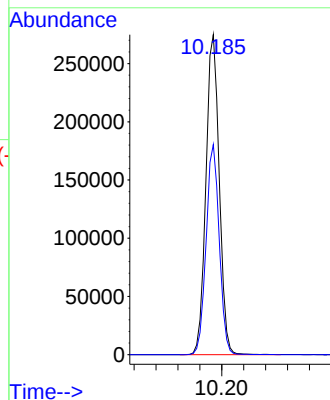
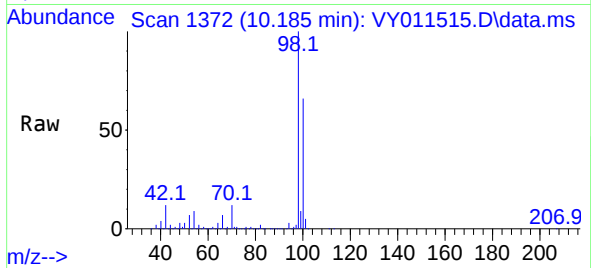




#50
Toluene-d8
Concen: 54.787 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011515.D
Acq: 21 Nov 2022 11:45

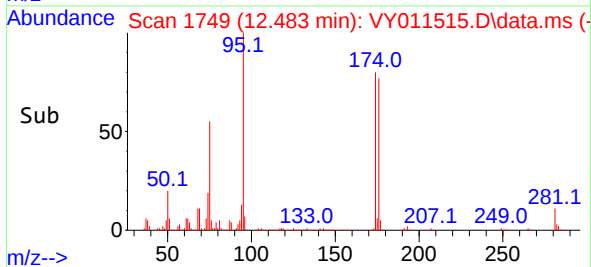
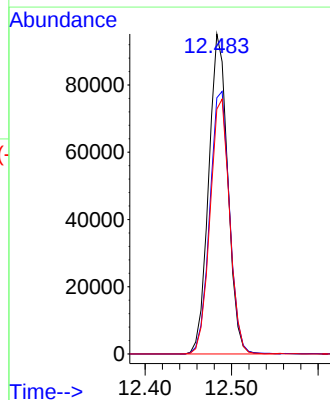
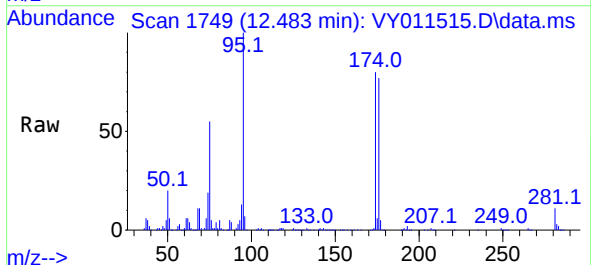
Instrument :
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ClientSampleId :
VY1121SBL01

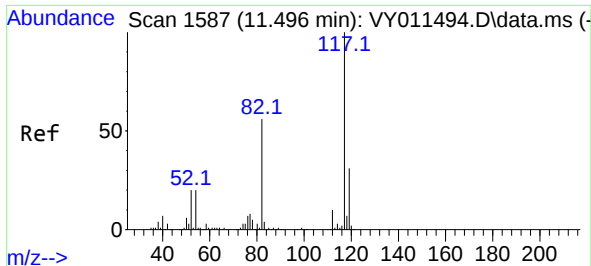
Tgt Ion: 98 Resp: 462028
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.785 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011515.D
Acq: 21 Nov 2022 11:45

Tgt Ion: 95 Resp: 145874
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 81.2 0.0 175.8

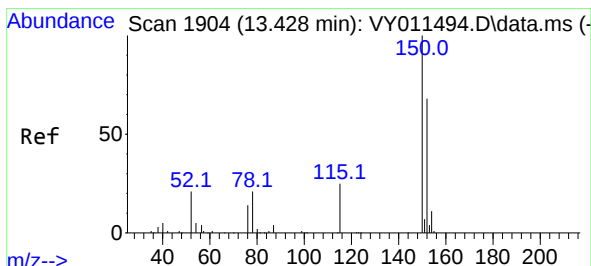
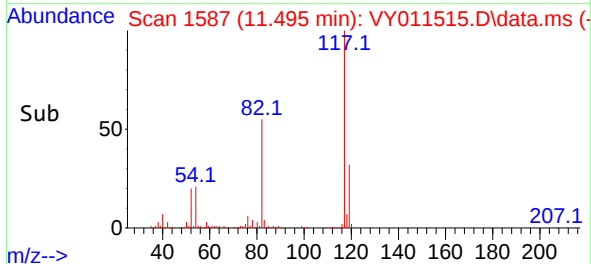
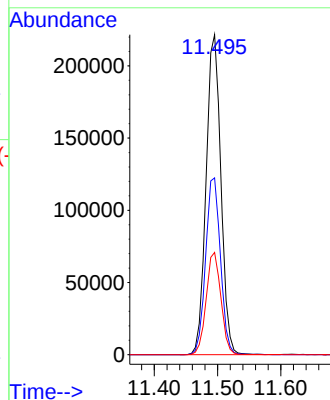
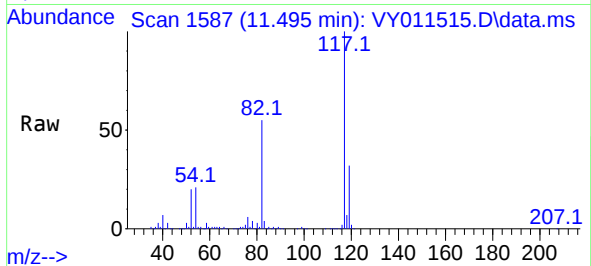




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011515.D
Acq: 21 Nov 2022 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBL01

Tgt Ion:117 Resp: 361010
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.0 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: VY011515.D
Acq: 21 Nov 2022 11:45

Tgt Ion:152 Resp: 150797
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 157.9 0.0 347.6

