

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009116.D
 Acq On : 26 May 2022 14:26
 Operator : KP/MD
 Sample : N2981-18
 Misc : 2.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7(3.5-4)

Quant Time: May 27 03:24:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	102753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	173719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62600	59.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.400%
35) Dibromofluoromethane	7.716	113	58318	51.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.660%
50) Toluene-d8	10.179	98	228080	54.942	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.880%
62) 4-Bromofluorobenzene	12.483	95	65281	38.983	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.960%

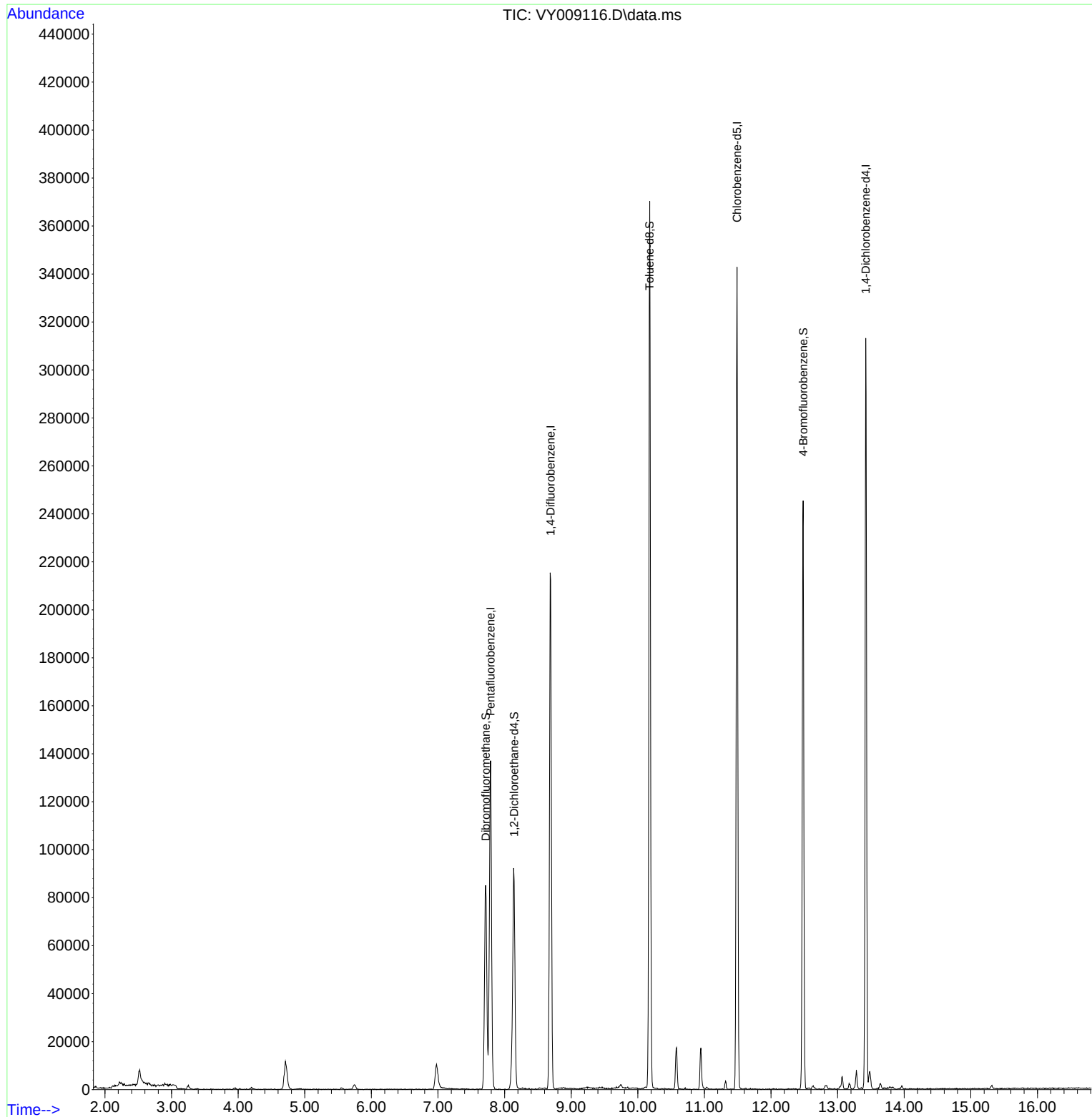
Target Compounds	Qvalue

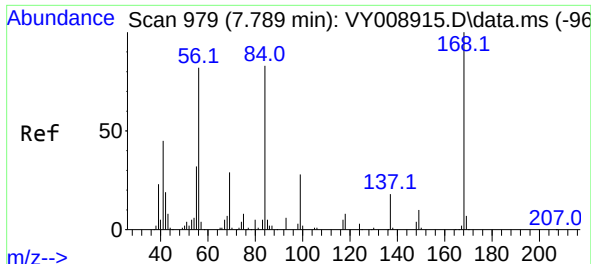
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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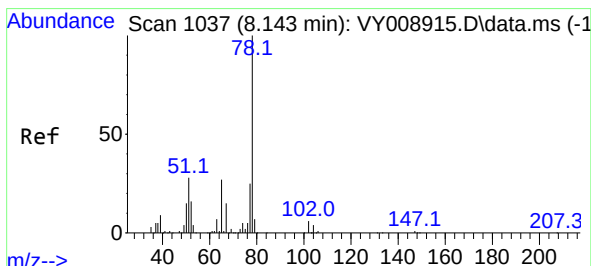
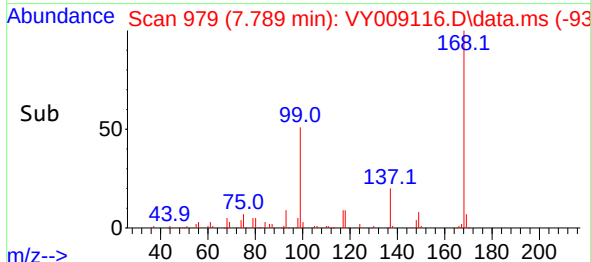
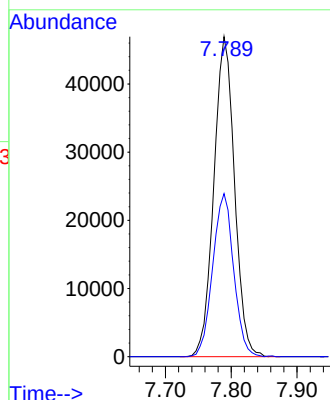
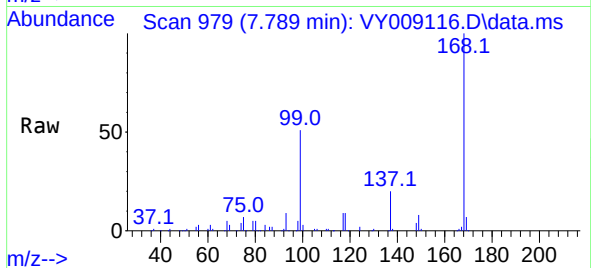




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

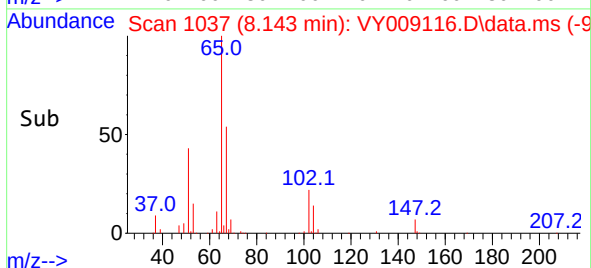
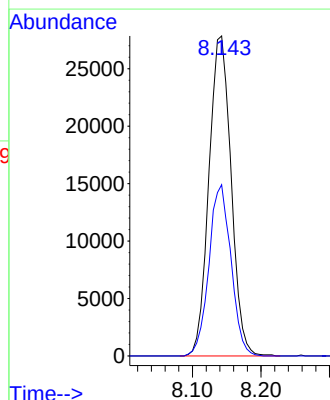
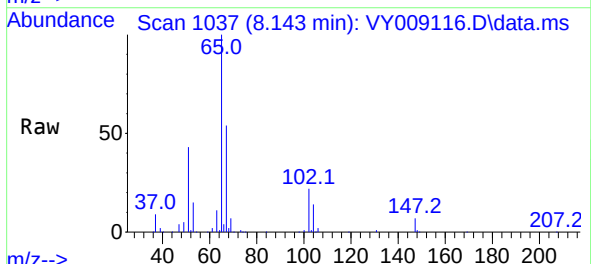
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

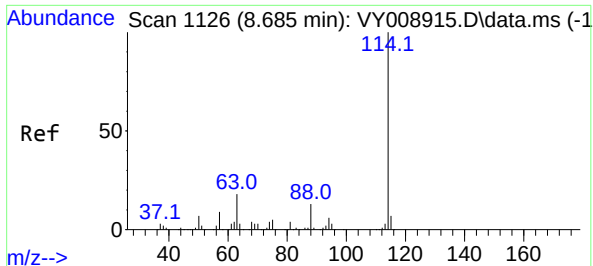
Tgt Ion:168 Resp: 102753
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.195 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

Tgt Ion: 65 Resp: 62600
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009116.D

Acq: 26 May 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

SB-7(3.5-4)

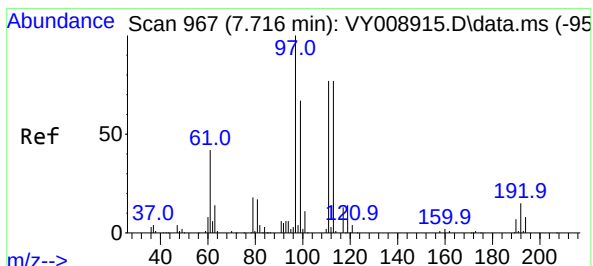
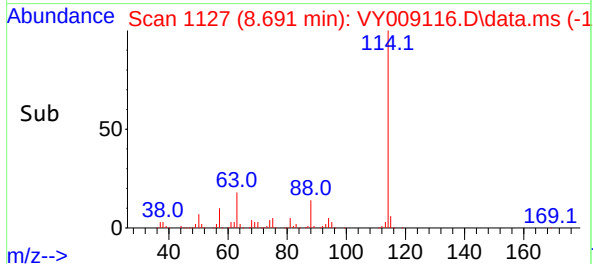
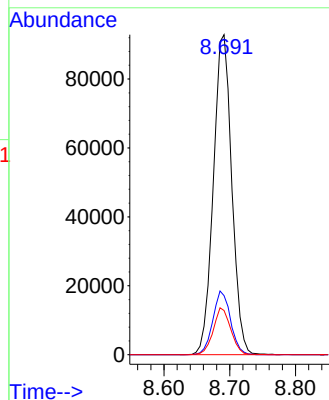
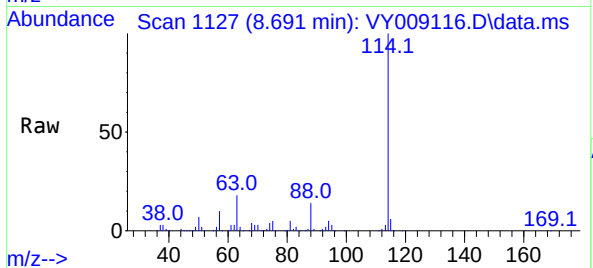
Tgt Ion:114 Resp: 180958

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.826 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009116.D

Acq: 26 May 2022 14:26

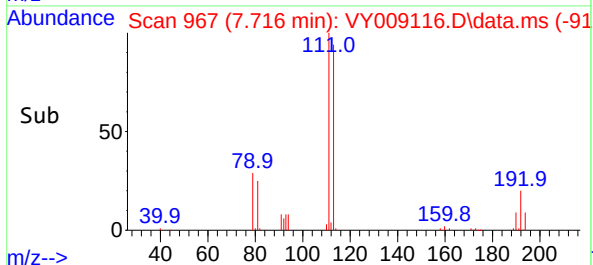
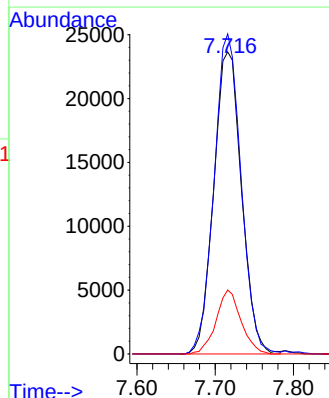
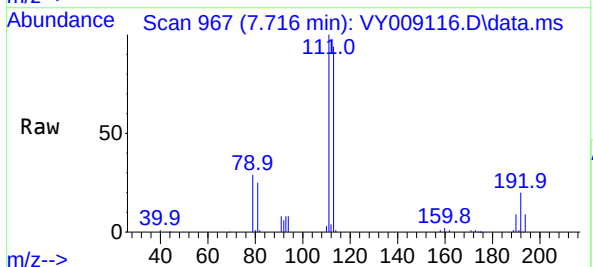
Tgt Ion:113 Resp: 58318

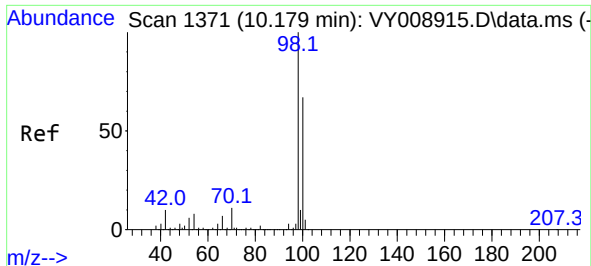
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.0 17.6 26.4

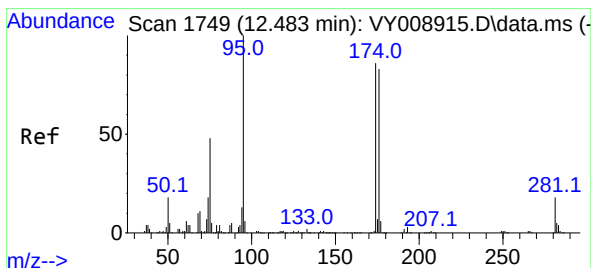
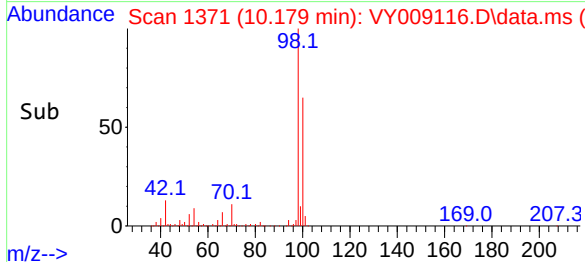
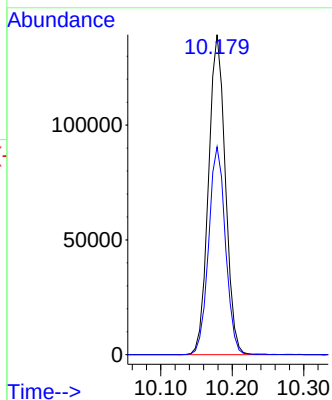
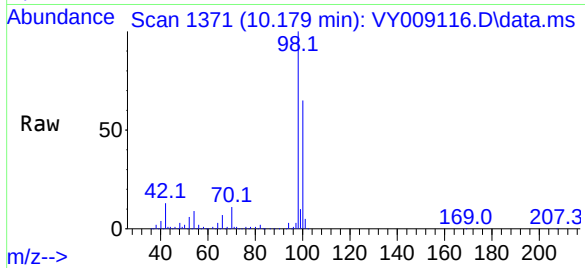




#50
Toluene-d8
Concen: 54.942 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

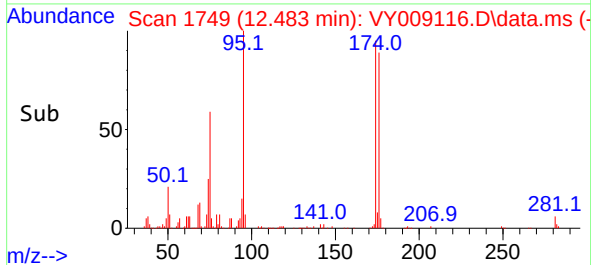
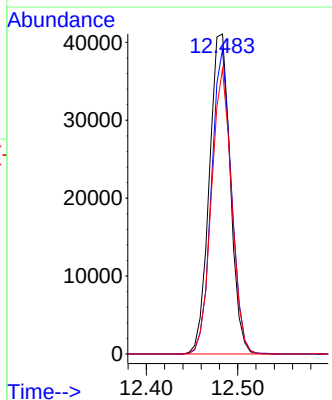
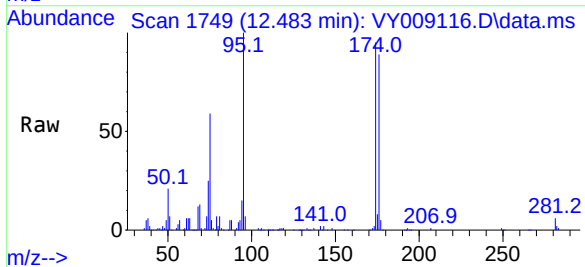
Instrument :
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SB-7(3.5-4)

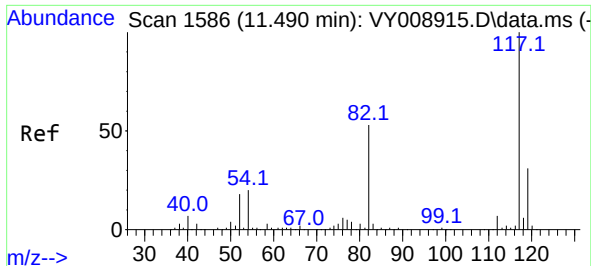
Tgt Ion: 98 Resp: 228080
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.983 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

Tgt Ion: 95 Resp: 65281
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 85.8 0.0 175.8

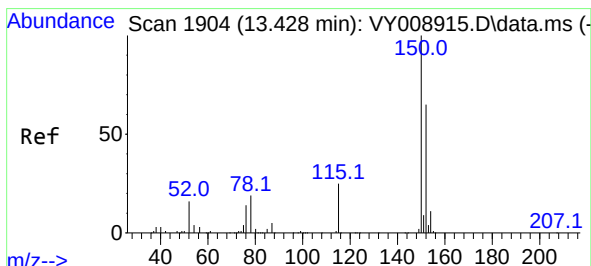
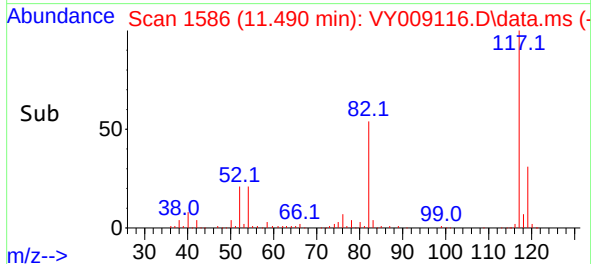
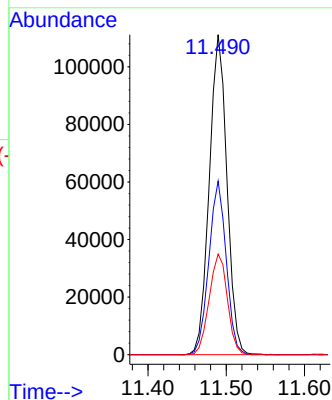
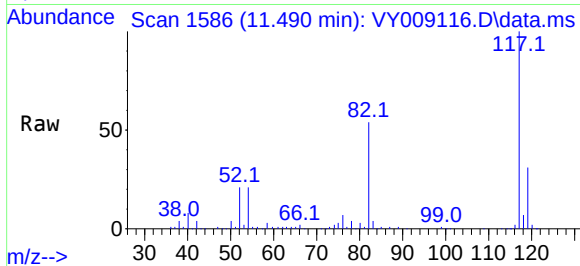




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

Tgt Ion:117 Resp: 173719
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009116.D
Acq: 26 May 2022 14:26

Tgt Ion:152 Resp: 74130
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 160.5 0.0 347.6

