

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011152.D
 Acq On : 28 Oct 2022 12:24
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Oct 28 23:44:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	276762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	476166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	420219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	187903	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	152590	53.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.640%
35) Dibromofluoromethane	7.716	113	149455	51.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.080%
50) Toluene-d8	10.179	98	571897	49.298	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.477	95	182165	47.991	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.980%

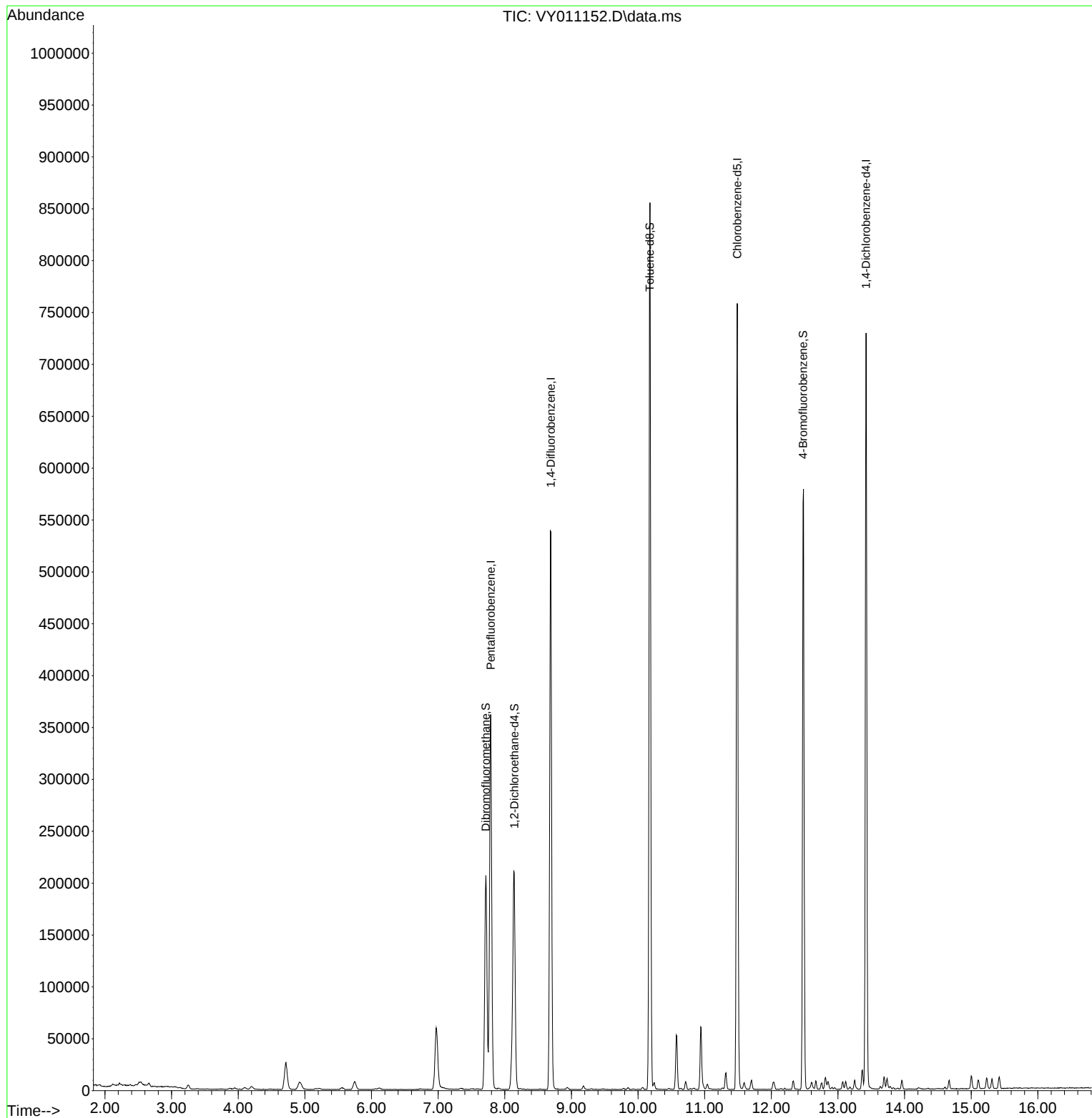
Target Compounds	Qvalue

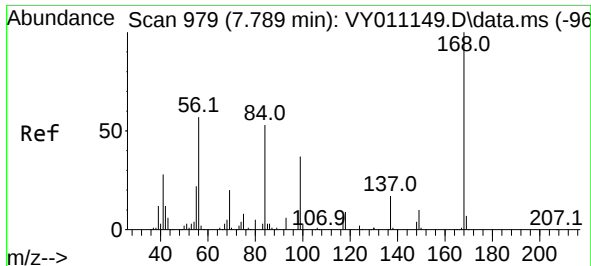
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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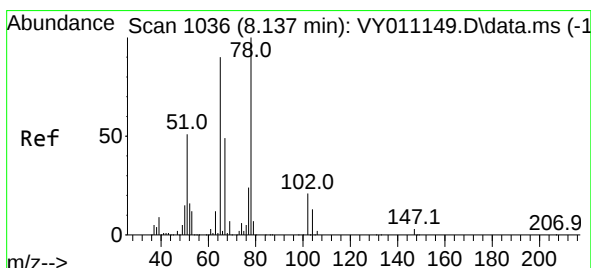
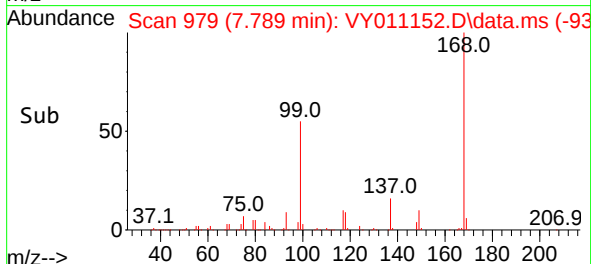
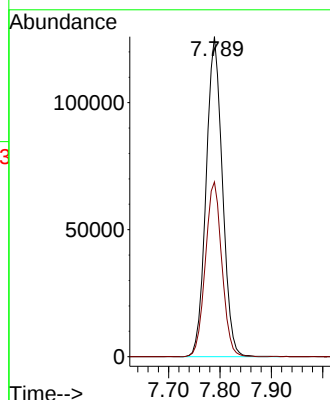
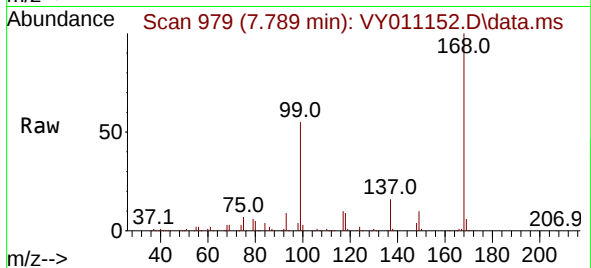




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011152.D
Acq: 28 Oct 2022 12:24

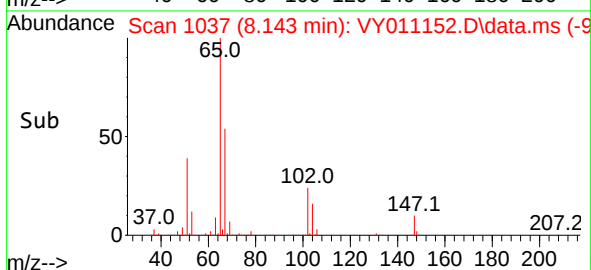
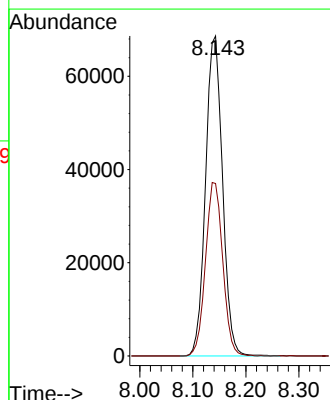
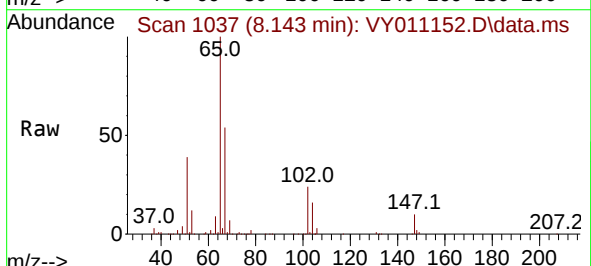
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

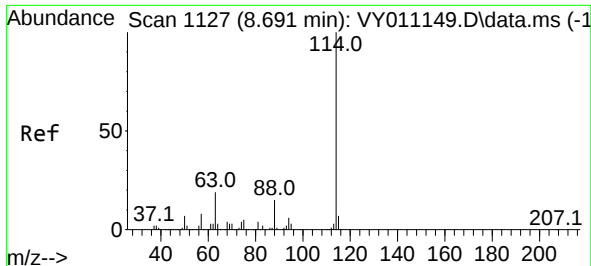
Tgt Ion:168 Resp: 276762
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.320 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011152.D
Acq: 28 Oct 2022 12:24

Tgt Ion: 65 Resp: 152590
Ion Ratio Lower Upper
65 100
67 55.1 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: VY011152.D

Acq: 28 Oct 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

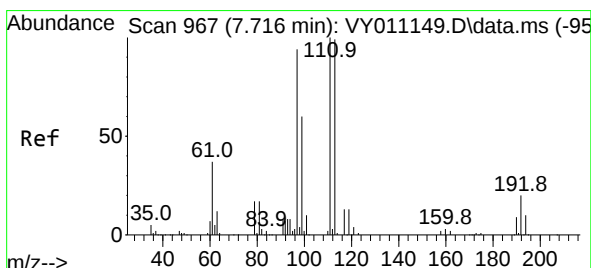
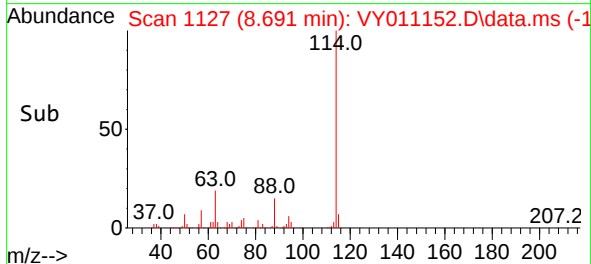
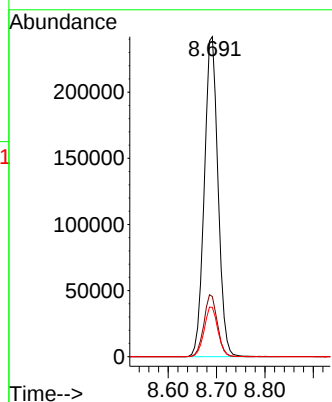
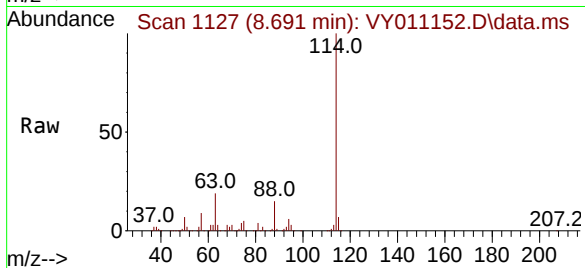
Tgt Ion:114 Resp: 476166

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.039 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011152.D

Acq: 28 Oct 2022 12:24

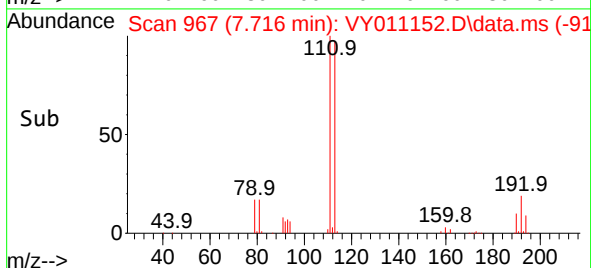
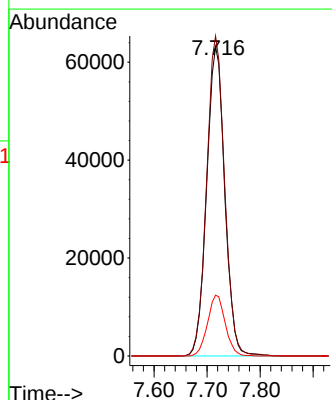
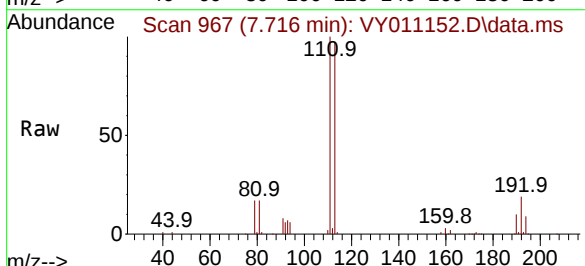
Tgt Ion:113 Resp: 149455

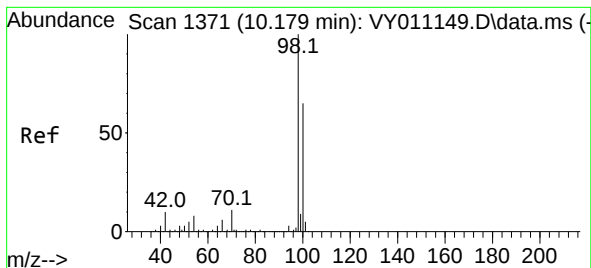
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.3 17.6 26.4





#50

Toluene-d8

Concen: 49.298 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011152.D

Acq: 28 Oct 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

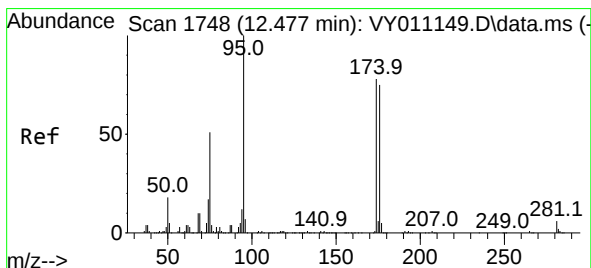
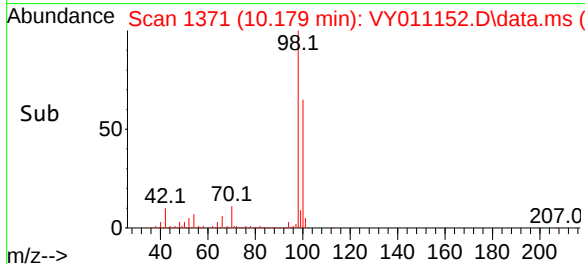
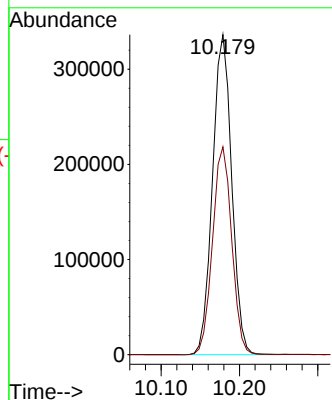
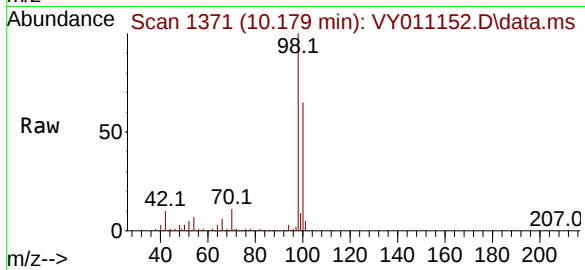
VIBLK

Tgt Ion: 98 Resp: 571897

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 47.991 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY011152.D

Acq: 28 Oct 2022 12:24

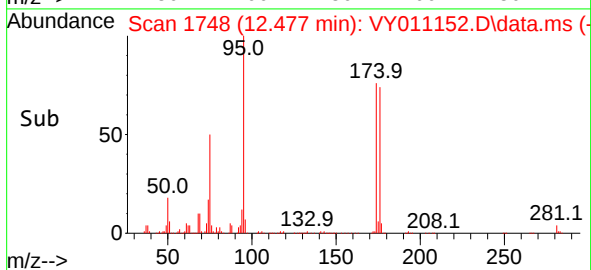
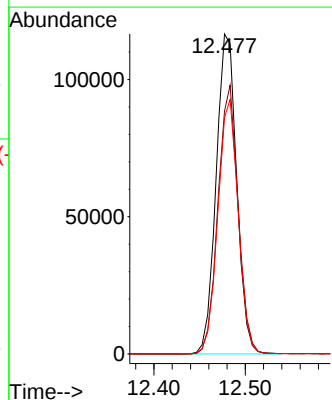
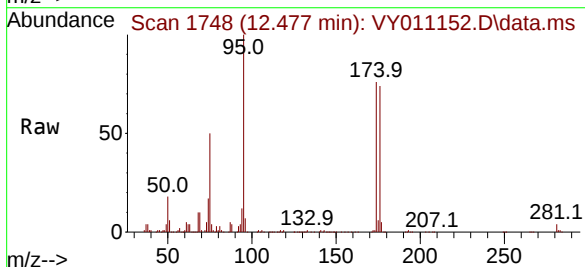
Tgt Ion: 95 Resp: 182165

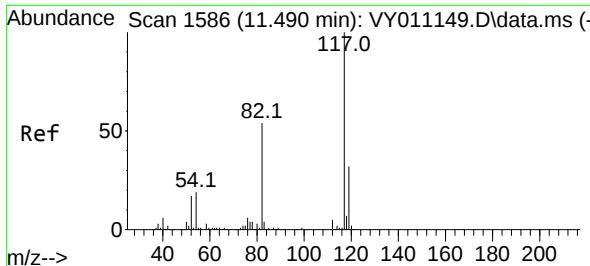
Ion Ratio Lower Upper

95 100

174 82.4 0.0 177.0

176 78.7 0.0 175.8

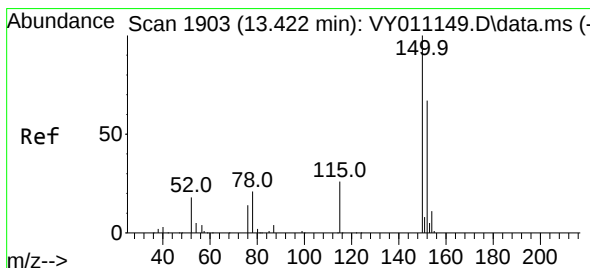
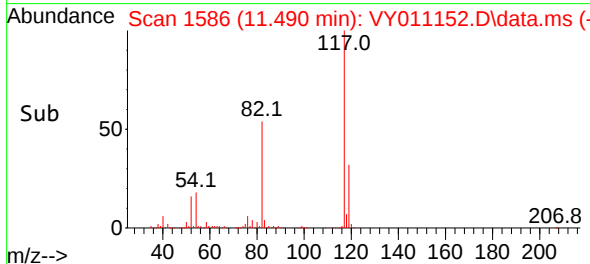
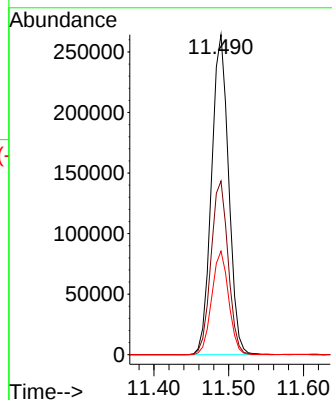
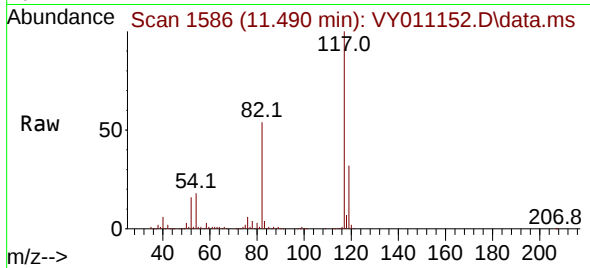




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011152.D
Acq: 28 Oct 2022 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 420219
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011152.D
Acq: 28 Oct 2022 12:24

Tgt Ion:152 Resp: 187903
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 156.3 0.0 347.6

