

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010402.D
 Acq On : 08 Sep 2022 17:45
 Operator : KP/MD
 Sample : N4500-17
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-13.5-14.0

Quant Time: Sep 09 06:27:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	291749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	498640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	492208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	244947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	135785	45.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.780%
35) Dibromofluoromethane	7.710	113	128006	38.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.120%
50) Toluene-d8	10.179	98	487631	43.876	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.760%
62) 4-Bromofluorobenzene	12.483	95	175978	38.026	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.060%

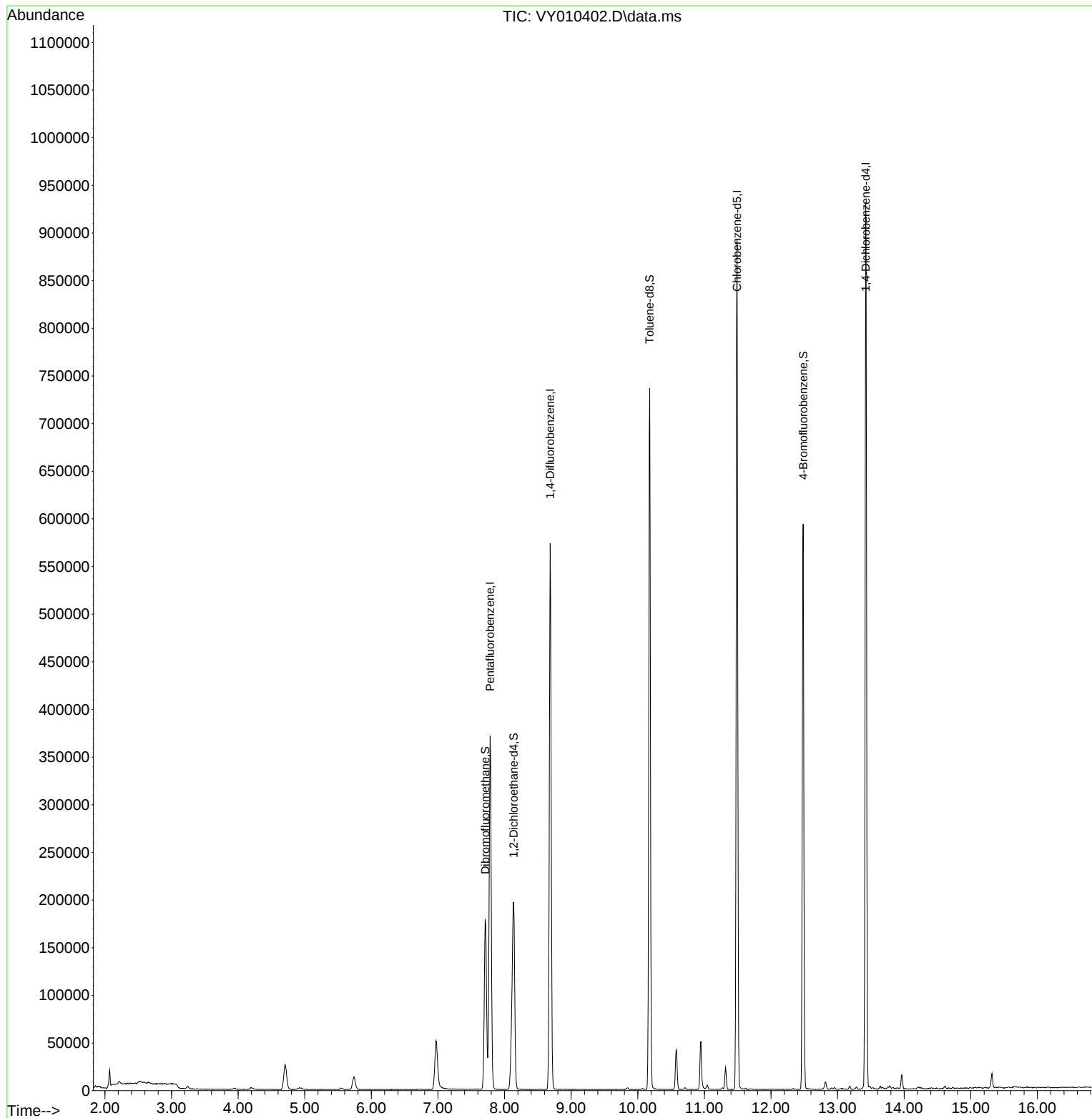
Target Compounds Qvalue

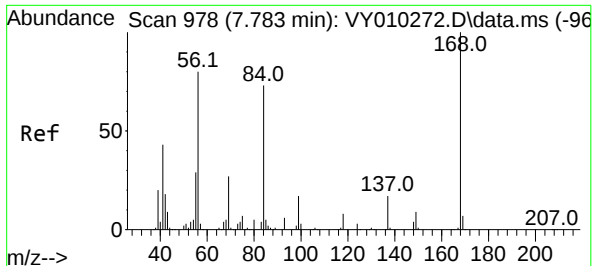
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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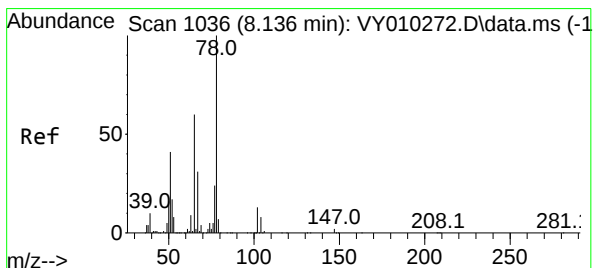
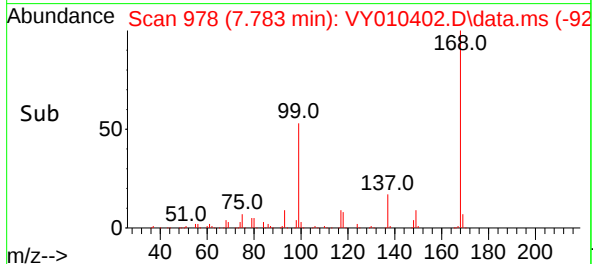
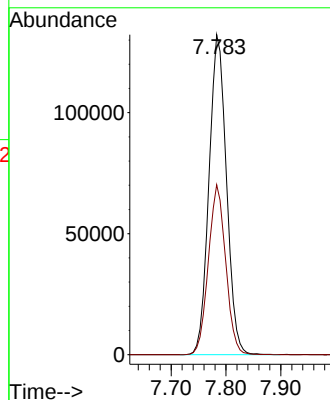
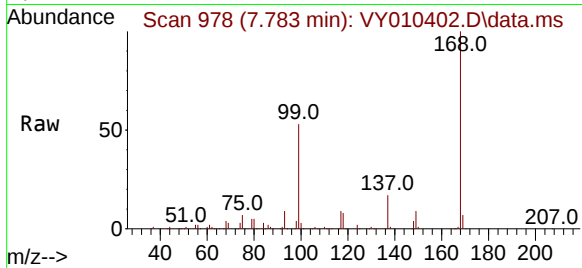




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010402.D
Acq: 08 Sep 2022 17:45

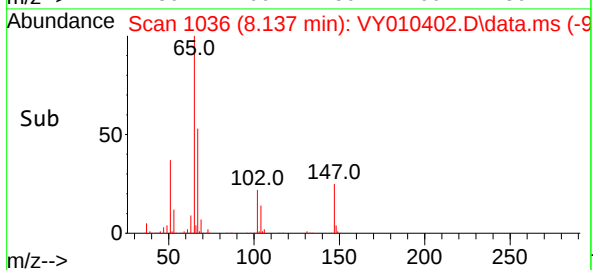
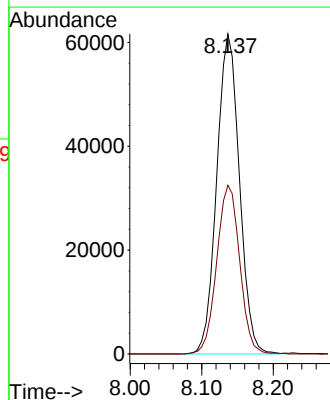
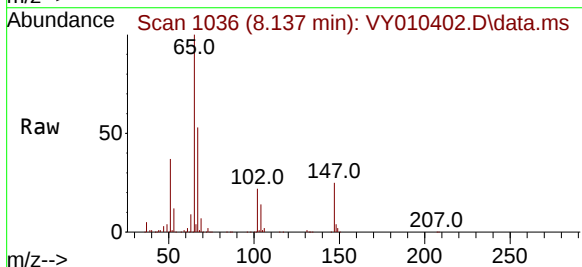
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-13.5-14.0

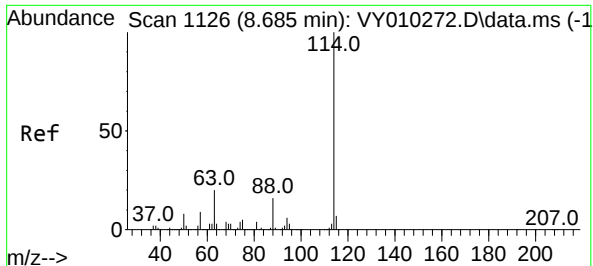
Tgt Ion:168 Resp: 291749
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 45.389 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010402.D
Acq: 08 Sep 2022 17:45

Tgt Ion: 65 Resp: 135785
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010402.D

Acq: 08 Sep 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-13.5-14.0

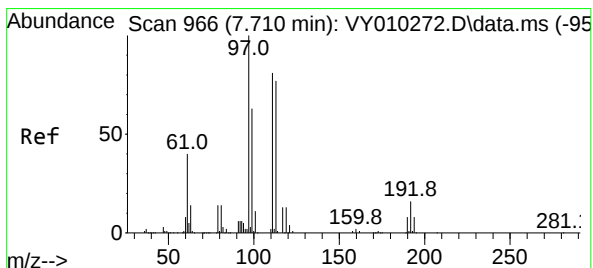
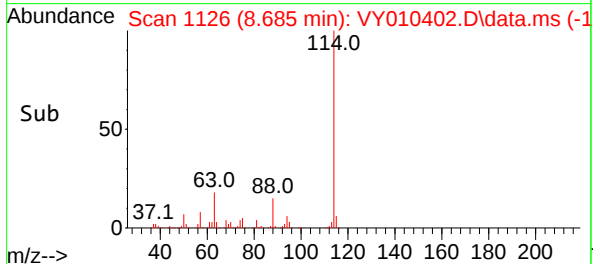
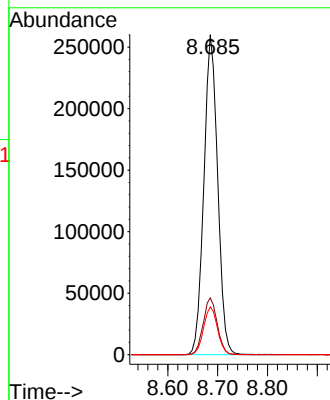
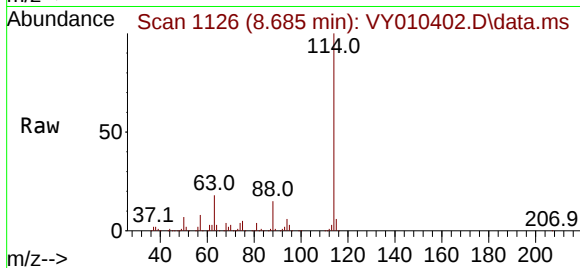
Tgt Ion:114 Resp: 498640

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.561 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010402.D

Acq: 08 Sep 2022 17:45

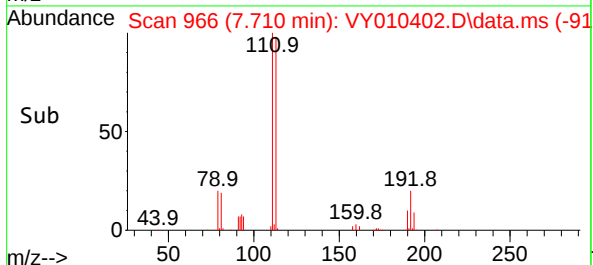
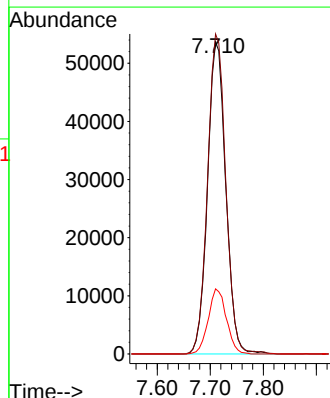
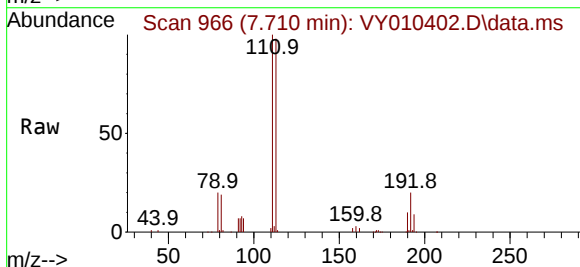
Tgt Ion:113 Resp: 128006

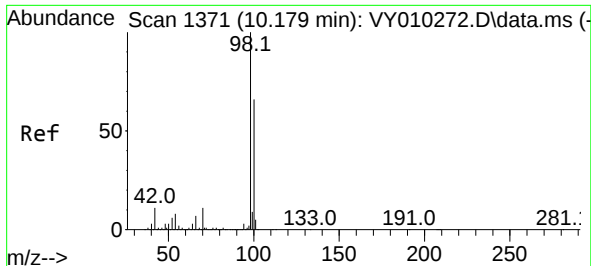
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 20.8 17.6 26.4

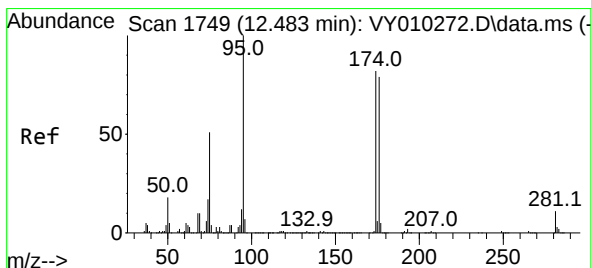
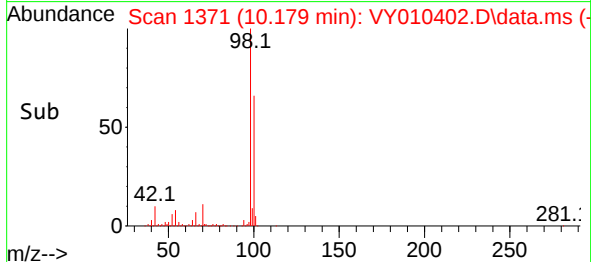
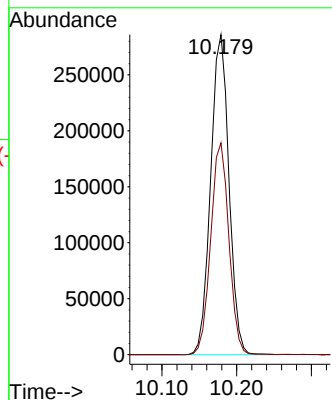
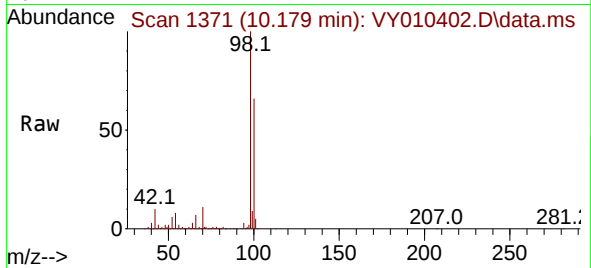




#50
Toluene-d8
Concen: 43.876 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010402.D
Acq: 08 Sep 2022 17:45

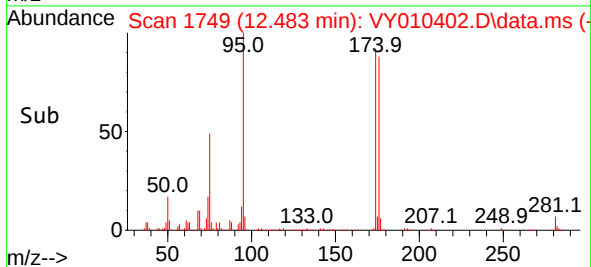
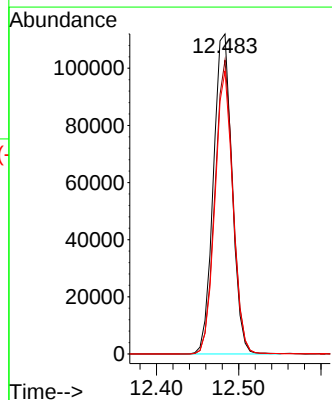
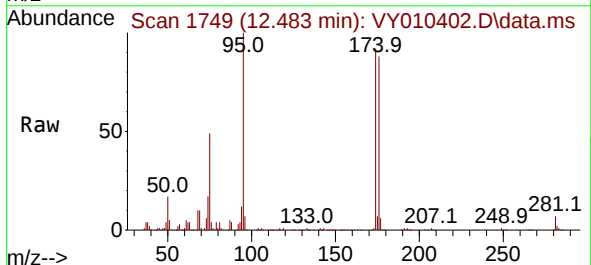
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-13.5-14.0

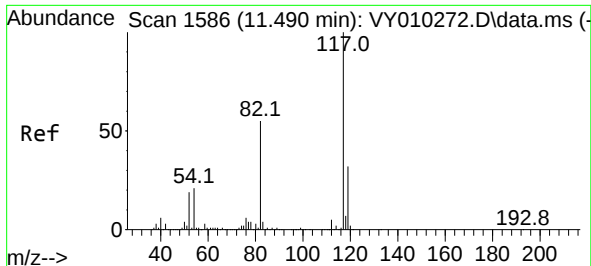
Tgt Ion: 98 Resp: 487631
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.026 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010402.D
Acq: 08 Sep 2022 17:45

Tgt Ion: 95 Resp: 175978
Ion Ratio Lower Upper
95 100
174 89.1 0.0 177.0
176 85.4 0.0 175.8

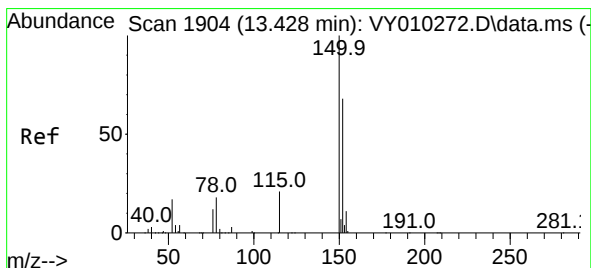
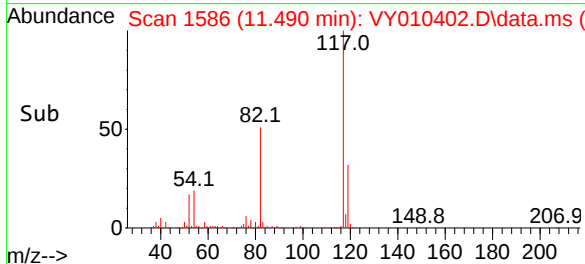
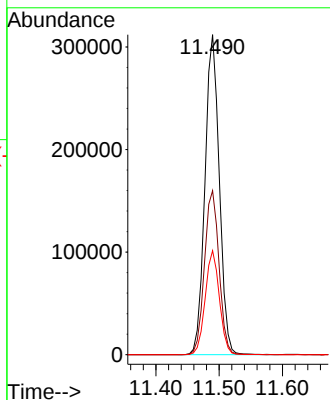
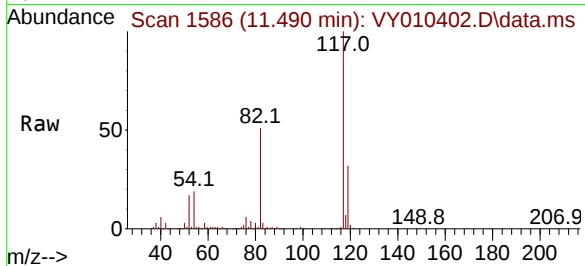




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010402.D
Acq: 08 Sep 2022 17:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-13.5-14.0

Tgt Ion:117 Resp: 492208
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 32.5 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: VY010402.D
Acq: 08 Sep 2022 17:45

Tgt Ion:152 Resp: 244947
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 157.0 0.0 347.6

