

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010398.D
 Acq On : 08 Sep 2022 16:12
 Operator : KP/MD
 Sample : N4500-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-1.5-2.0

Quant Time: Sep 09 06:26:32 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	7.789	168	279886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	479856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	470281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	225962	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129828	45.238	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.480%
35) Dibromofluoromethane	7.715	113	122004	38.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.380%
50) Toluene-d8	10.178	98	468850	43.837	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.680%
62) 4-Bromofluorobenzene	12.483	95	166251	37.198	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.400%

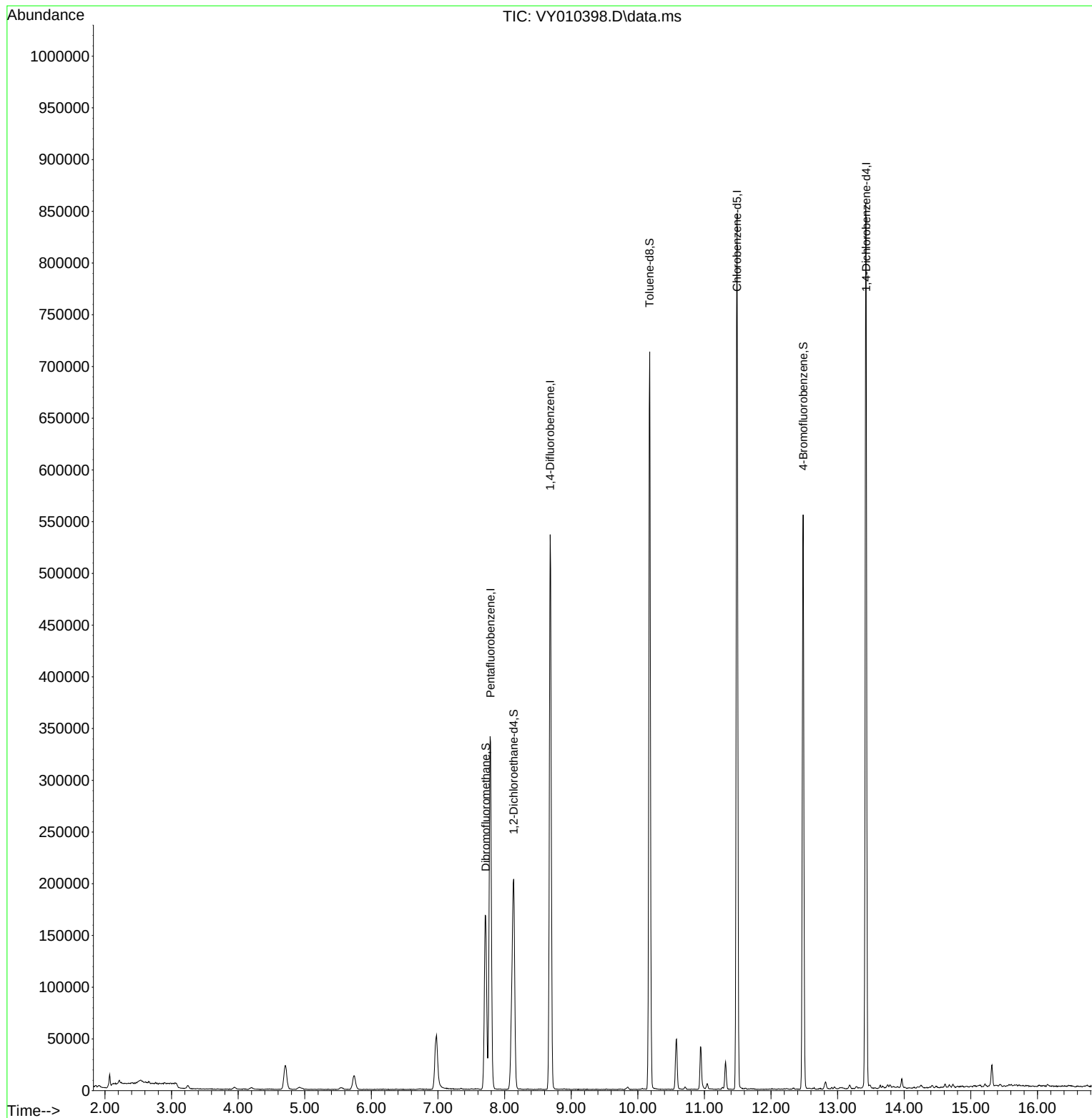
Target Compounds	Qvalue

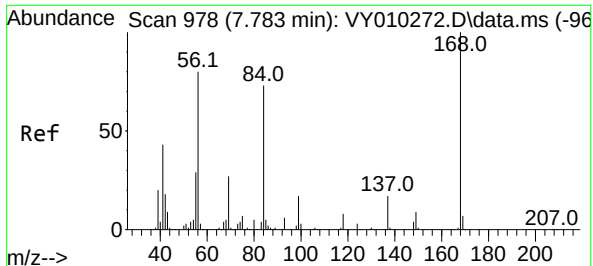
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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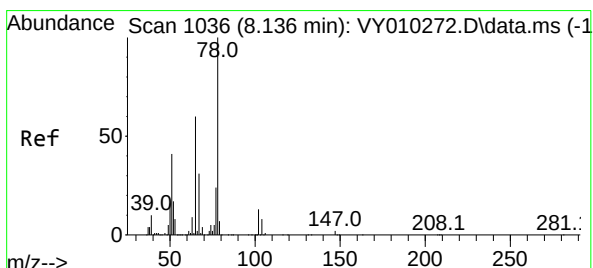
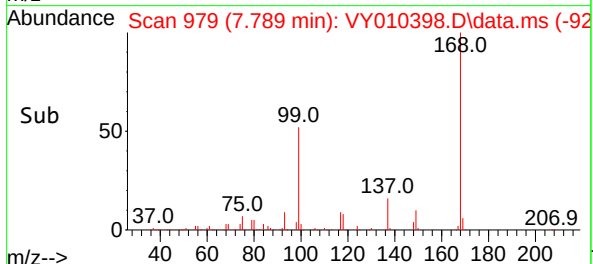
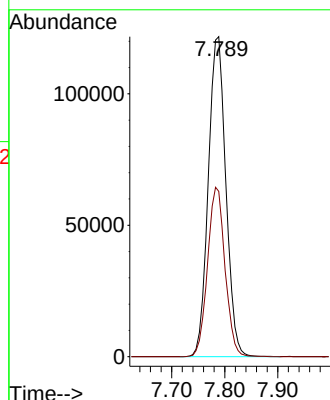
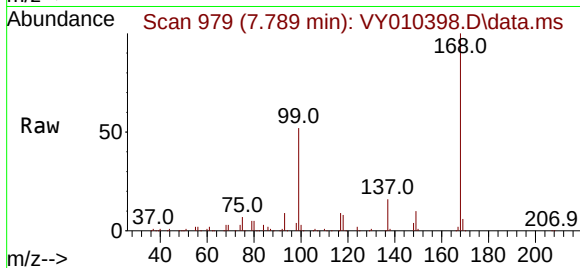




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010398.D
Acq: 08 Sep 2022 16:12

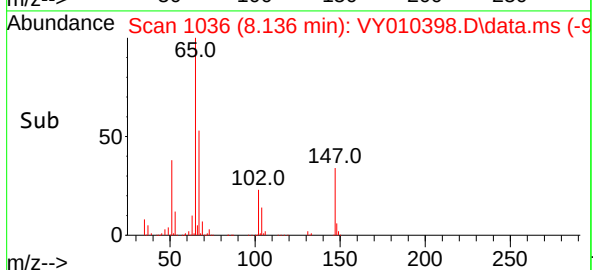
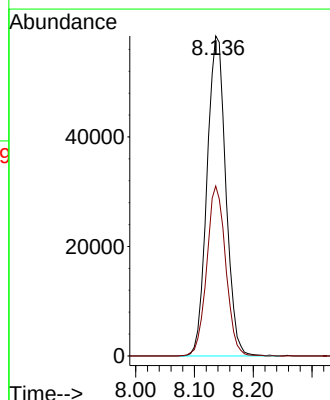
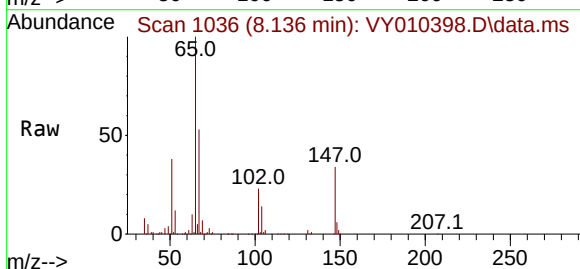
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-1.5-2.0

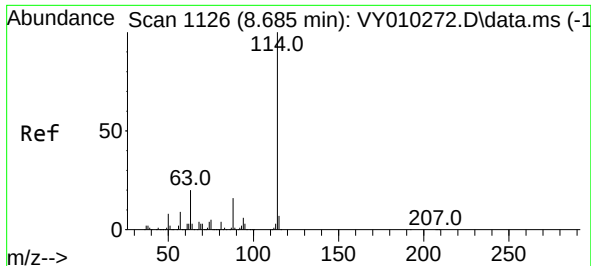
Tgt Ion:168 Resp: 279886
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 45.238 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010398.D
Acq: 08 Sep 2022 16:12

Tgt Ion: 65 Resp: 129828
Ion Ratio Lower Upper
65 100
67 53.5 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: VY010398.D

Acq: 08 Sep 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

SB-14-1.5-2.0

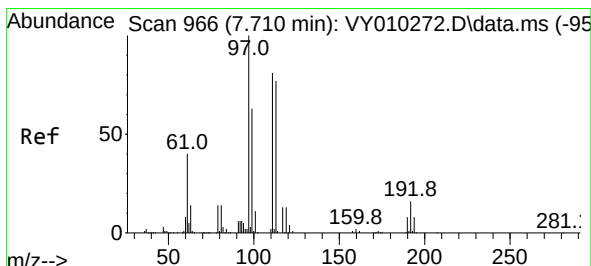
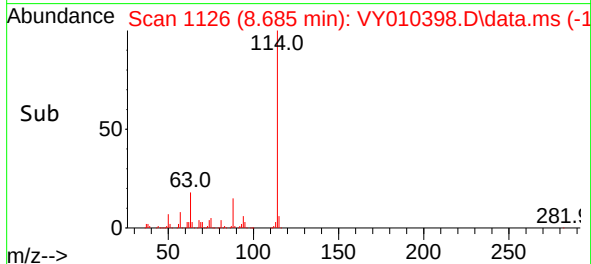
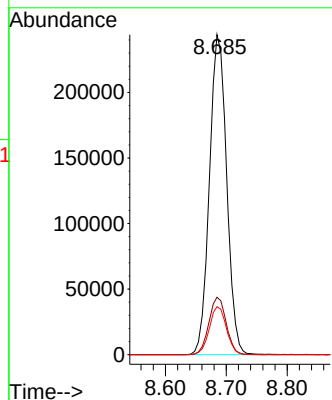
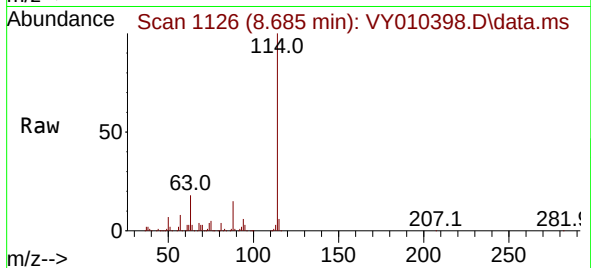
Tgt Ion:114 Resp: 479856

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.192 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.005 min

Lab File: VY010398.D

Acq: 08 Sep 2022 16:12

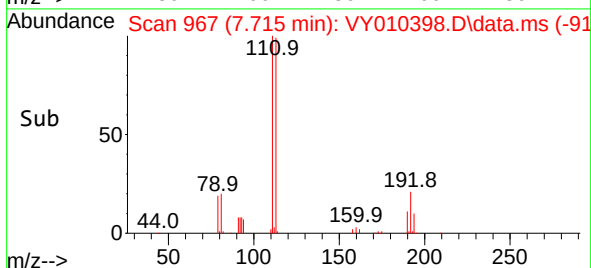
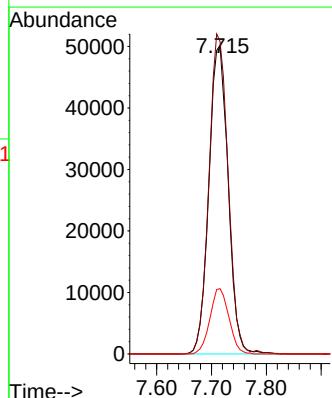
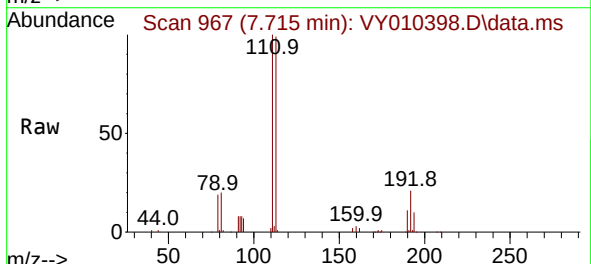
Tgt Ion:113 Resp: 122004

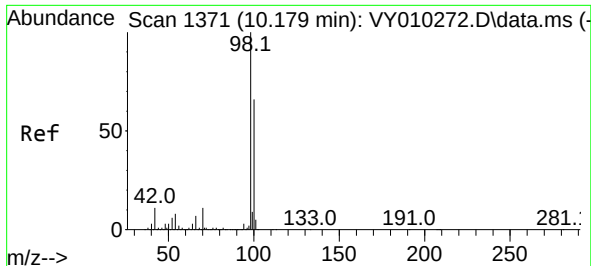
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 20.9 17.6 26.4

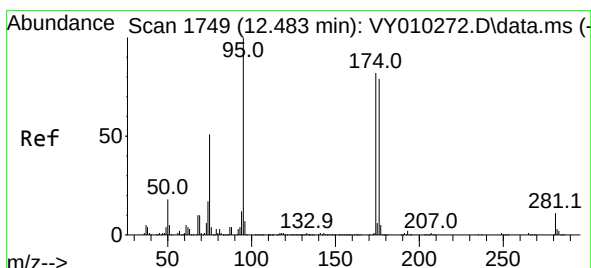
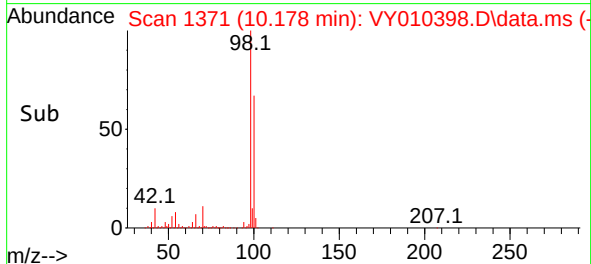
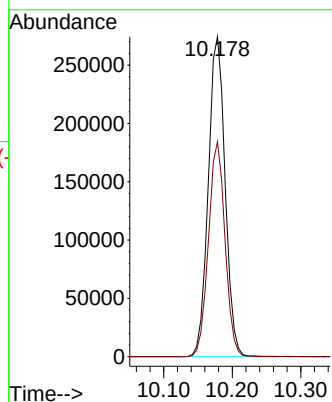
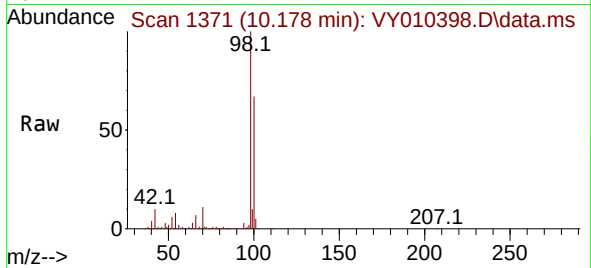




#50
Toluene-d8
Concen: 43.837 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010398.D
Acq: 08 Sep 2022 16:12

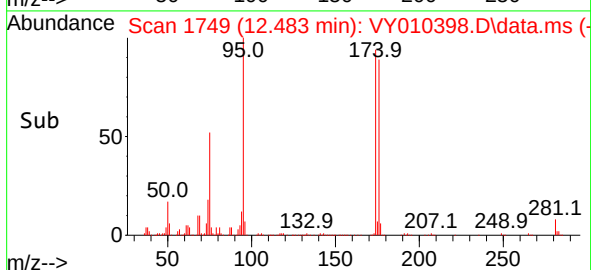
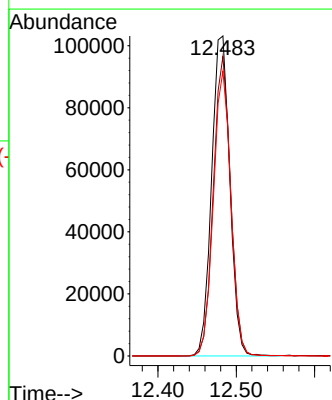
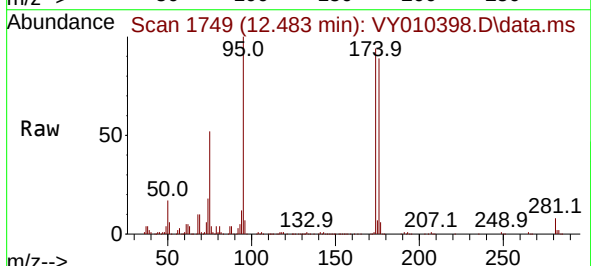
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-1.5-2.0

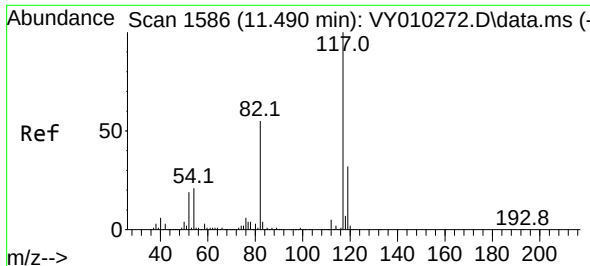
Tgt Ion: 98 Resp: 468850
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.198 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010398.D
Acq: 08 Sep 2022 16:12

Tgt Ion: 95 Resp: 166251
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 86.0 0.0 175.8

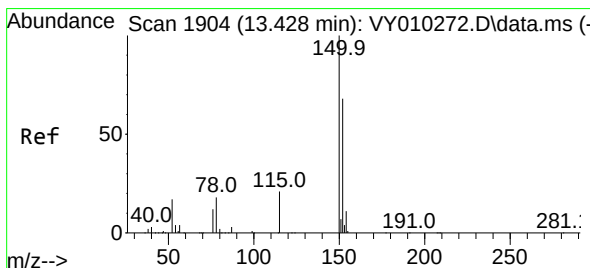
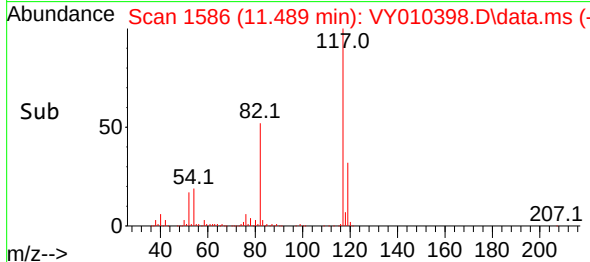
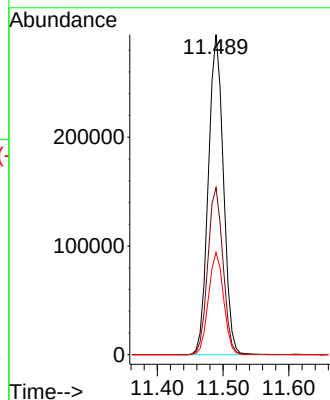
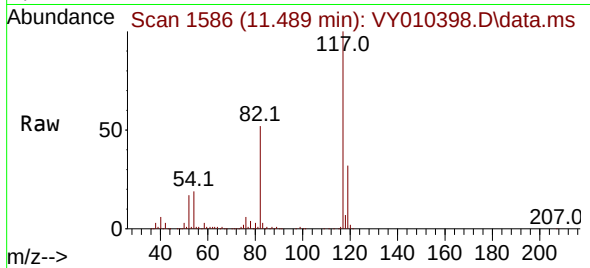




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010398.D
Acq: 08 Sep 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-1.5-2.0

Tgt Ion:117 Resp: 470281
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.9 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: VY010398.D
Acq: 08 Sep 2022 16:12

Tgt Ion:152 Resp: 225962
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 158.2 0.0 347.6

