

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010350.D
 Acq On : 06 Sep 2022 15:56
 Operator : KP/MD
 Sample : N4488-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-090122

Quant Time: Sep 06 17:11:44 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	27100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	41988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	33284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11782	42.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.800%
35) Dibromofluoromethane	7.716	113	9728	34.802	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.600%
50) Toluene-d8	10.179	98	46037	49.193	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.477	95	13207	33.106	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.220%

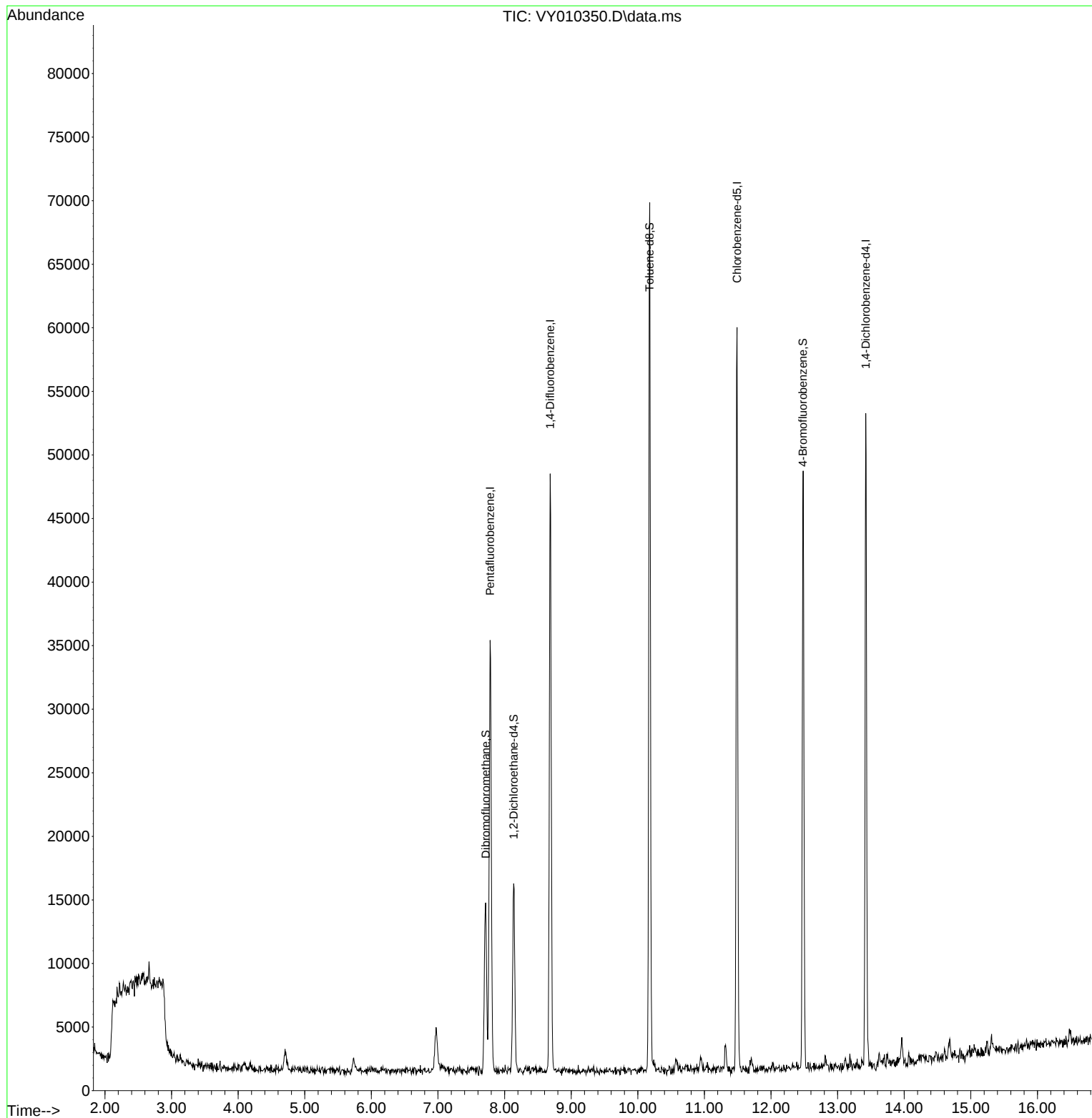
Target Compounds	Qvalue

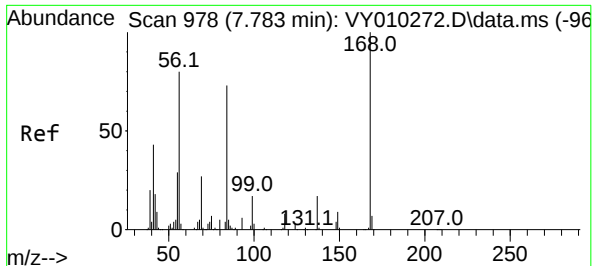
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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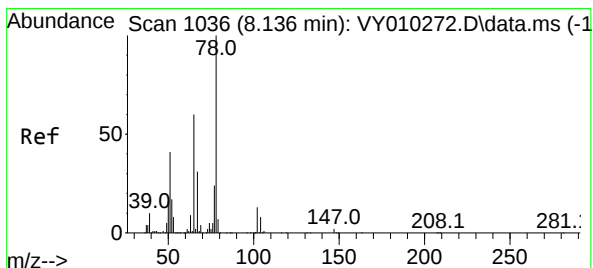
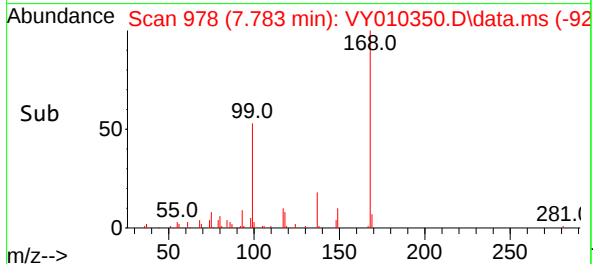
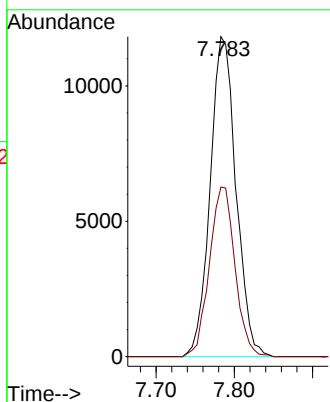
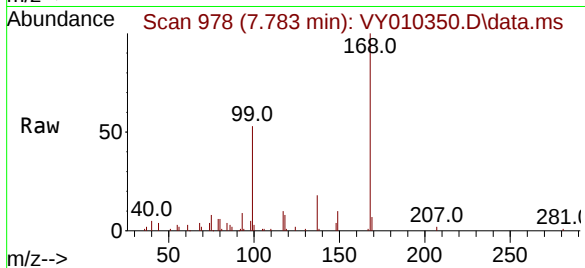




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010350.D
Acq: 06 Sep 2022 15:56

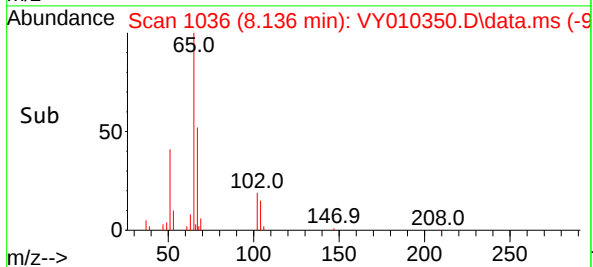
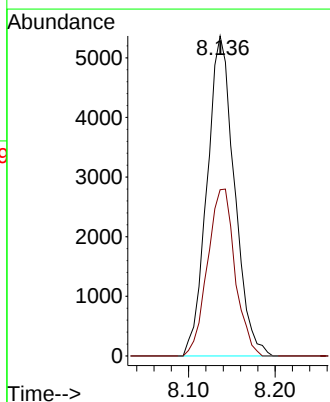
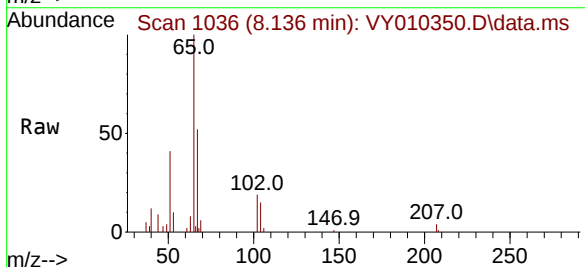
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-090122

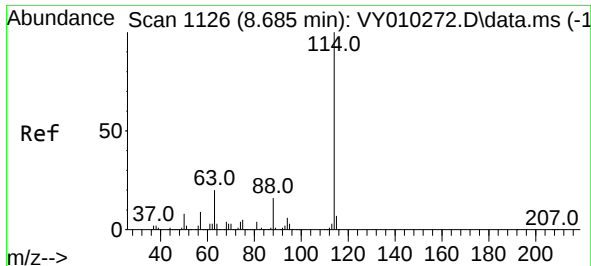
Tgt Ion:168 Resp: 27100
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 42.400 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010350.D
Acq: 06 Sep 2022 15:56

Tgt Ion: 65 Resp: 11782
Ion Ratio Lower Upper
65 100
67 52.3 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: VY010350.D

Acq: 06 Sep 2022 15:56

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-090122

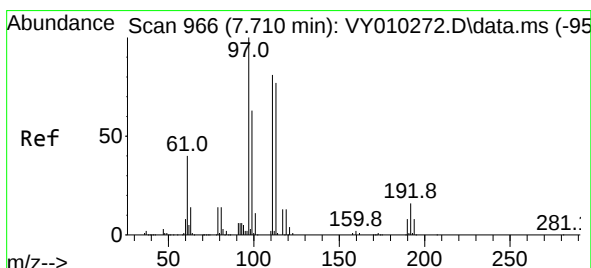
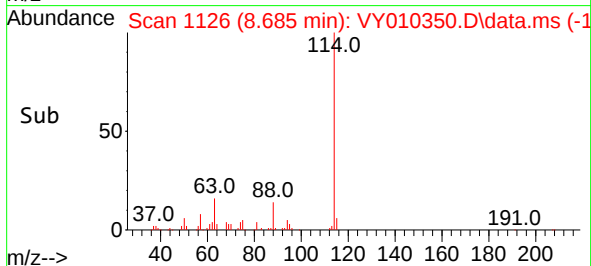
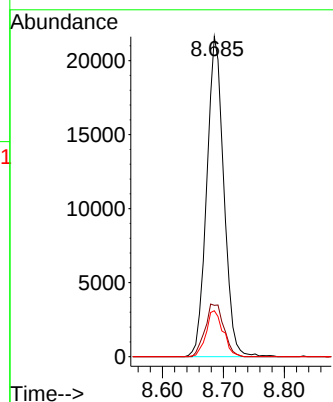
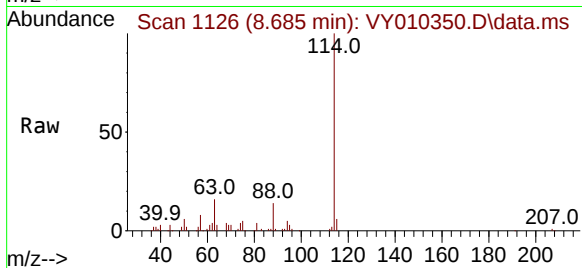
Tgt Ion:114 Resp: 41988

Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 34.802 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010350.D

Acq: 06 Sep 2022 15:56

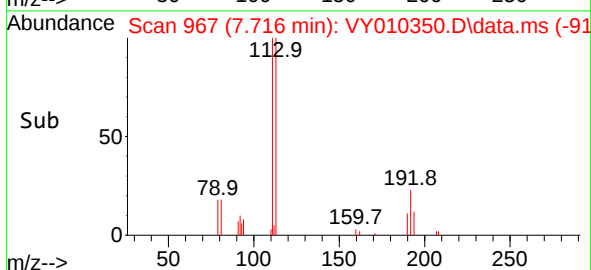
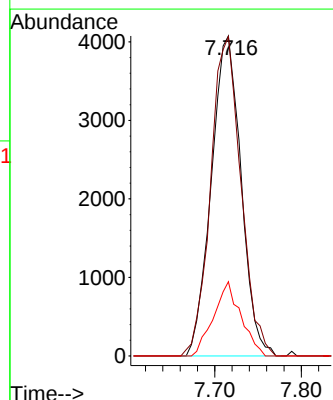
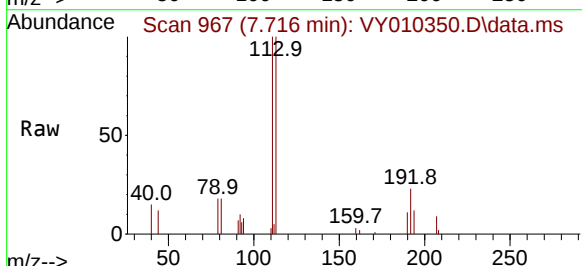
Tgt Ion:113 Resp: 9728

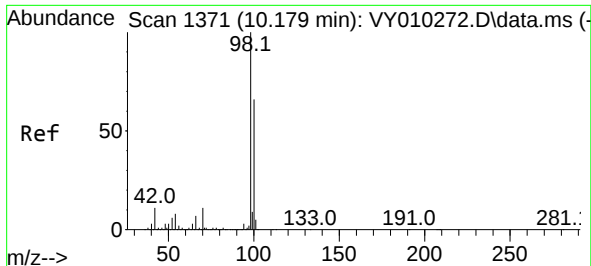
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 21.4 17.6 26.4

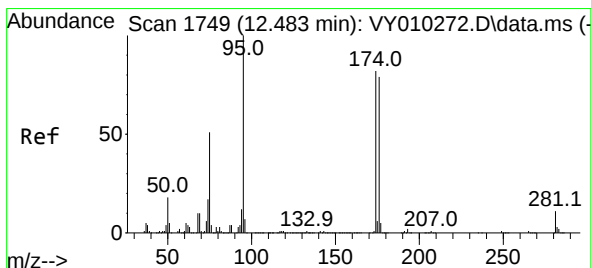
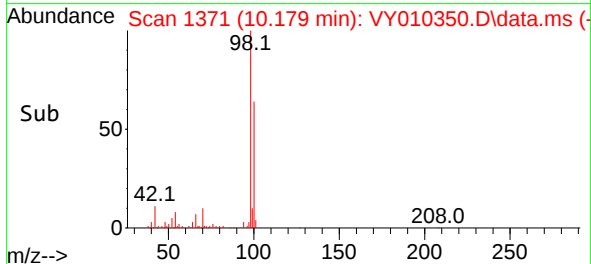
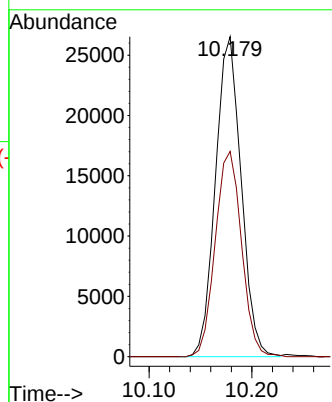
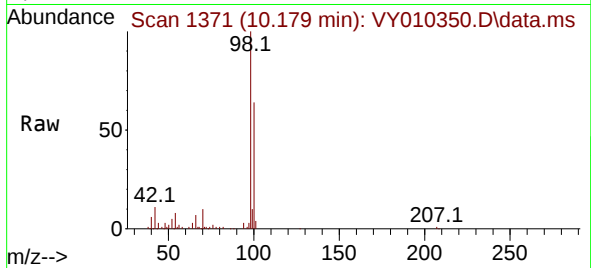




#50
Toluene-d8
Concen: 49.193 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010350.D
Acq: 06 Sep 2022 15:56

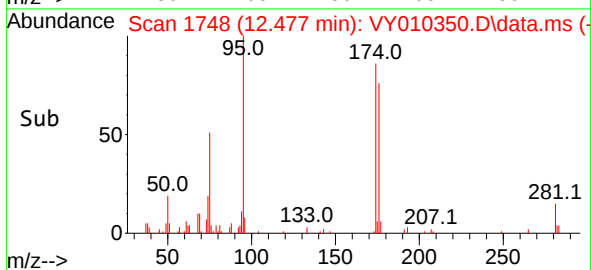
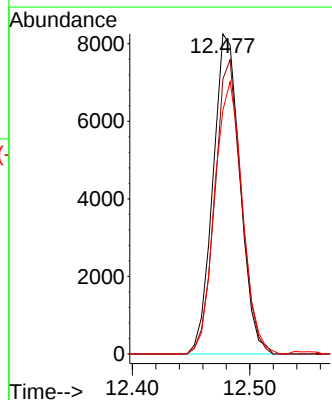
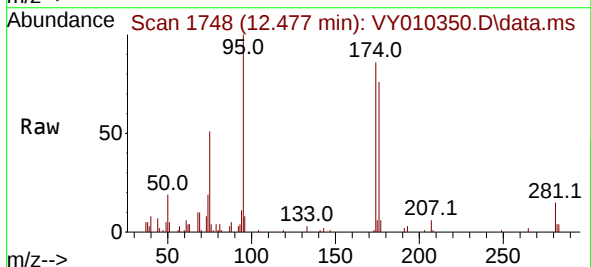
Instrument :
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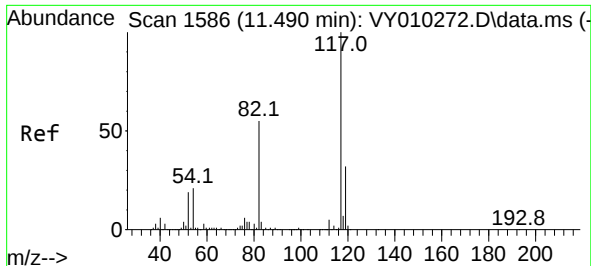
Tgt Ion: 98 Resp: 46037
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.106 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010350.D
Acq: 06 Sep 2022 15:56

Tgt Ion: 95 Resp: 13207
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 87.8 0.0 175.8

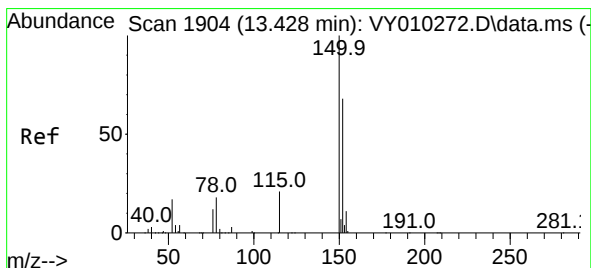
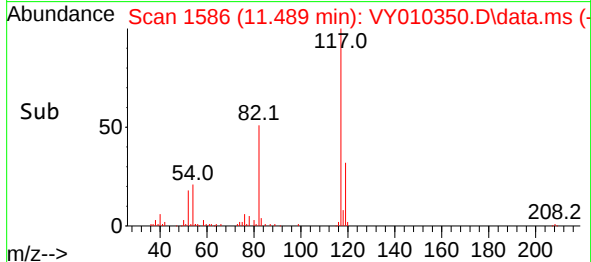
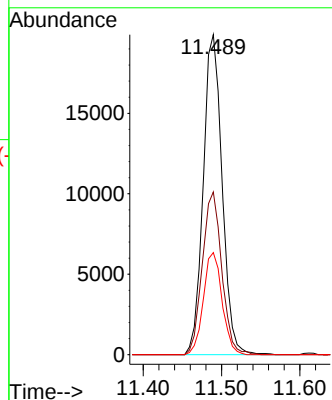
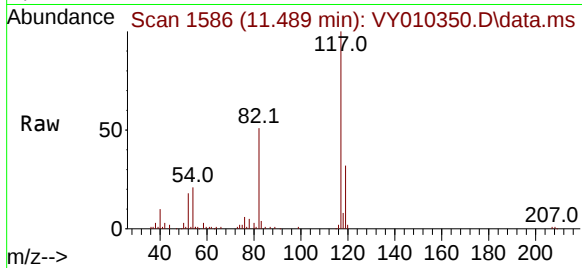




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010350.D
Acq: 06 Sep 2022 15:56

Instrument :
MSVOA_Y
ClientSampleId :
OR-3-090122

Tgt Ion:117 Resp: 33284
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 31.9 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: VY010350.D
Acq: 06 Sep 2022 15:56

Tgt Ion:152 Resp: 14066
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 155.9 0.0 347.6

