

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093022\
 Data File : VY010756.D
 Acq On : 30 Sep 2022 17:46
 Operator : KP/MD
 Sample : N4909-02
 Misc : 7.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-5

Quant Time: Oct 01 06:19:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	184817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	296912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98918	55.958	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.920%
35) Dibromofluoromethane	7.710	113	100751	53.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.340%
50) Toluene-d8	10.179	98	329691	47.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.477	95	121417	46.529	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.060%

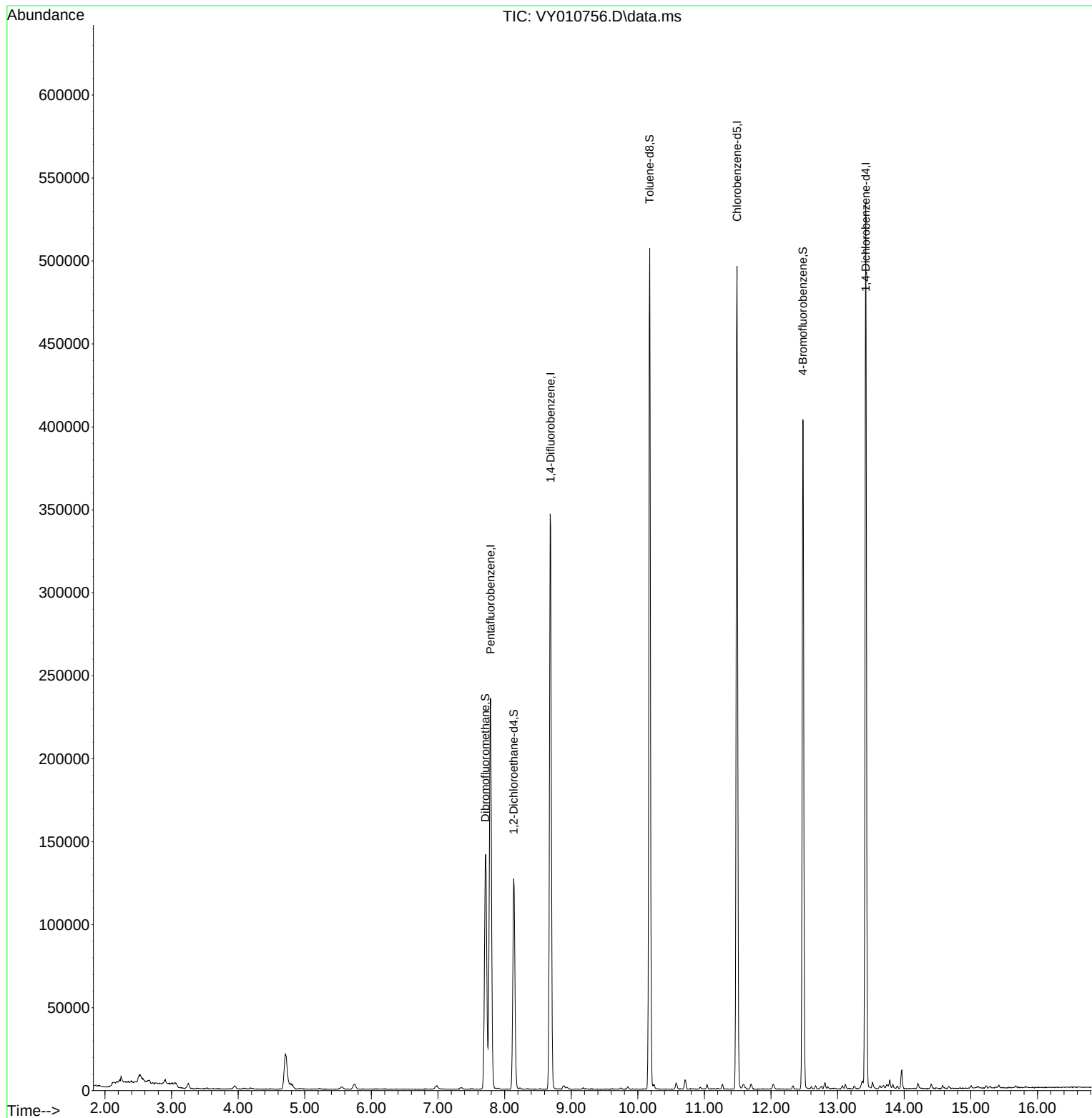
Target Compounds	Qvalue

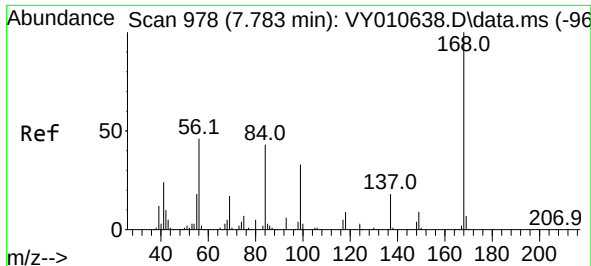
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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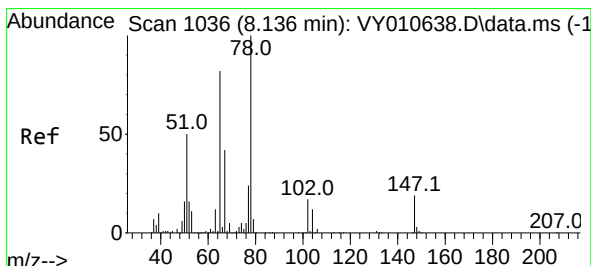
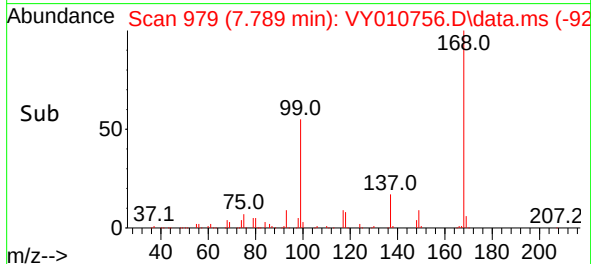
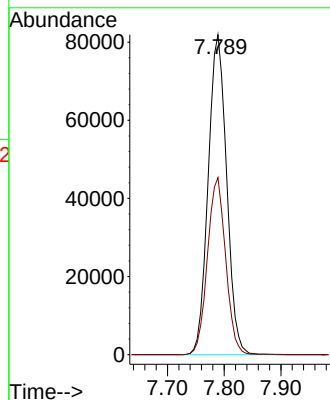
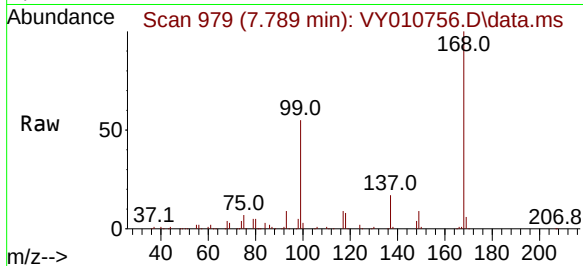




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010756.D
Acq: 30 Sep 2022 17:46

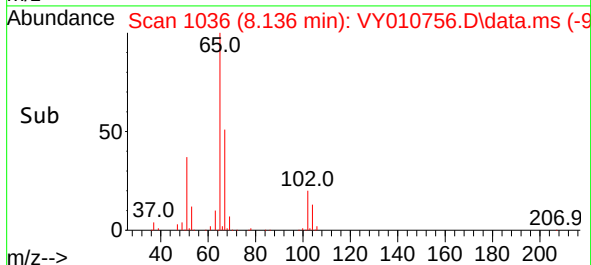
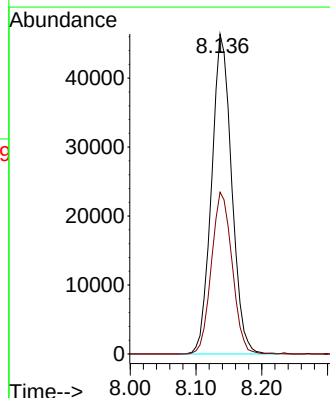
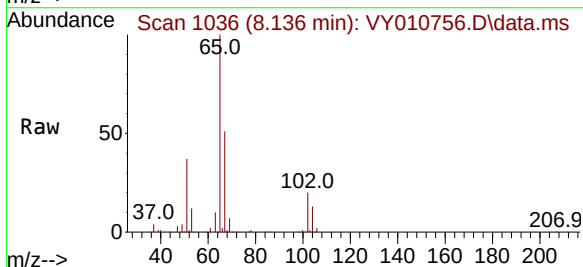
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

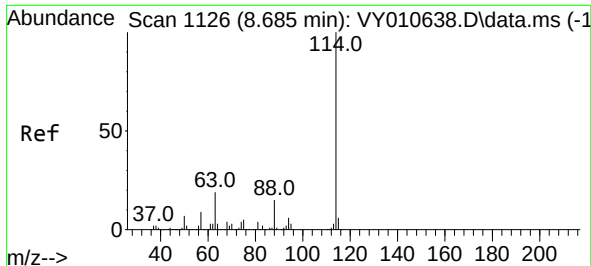
Tgt Ion:168 Resp: 184817
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.958 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010756.D
Acq: 30 Sep 2022 17:46

Tgt Ion: 65 Resp: 98918
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010756.D

Acq: 30 Sep 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

PE-5

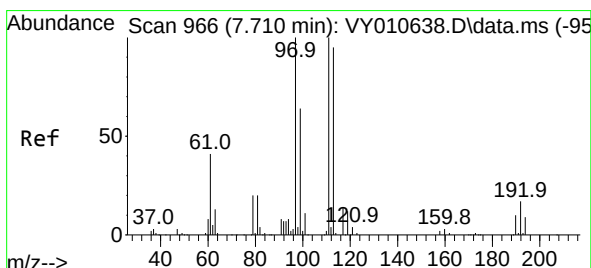
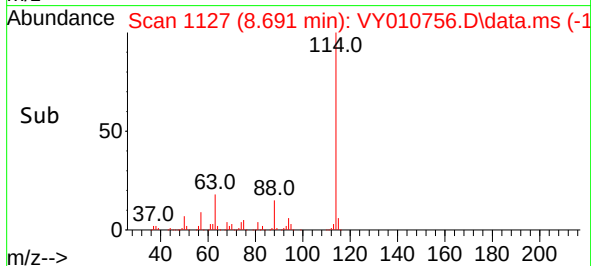
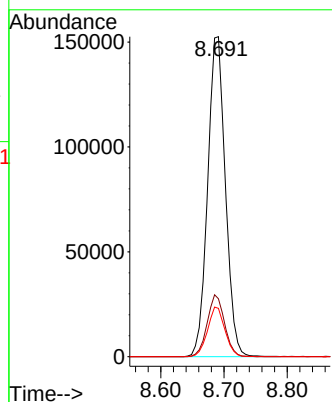
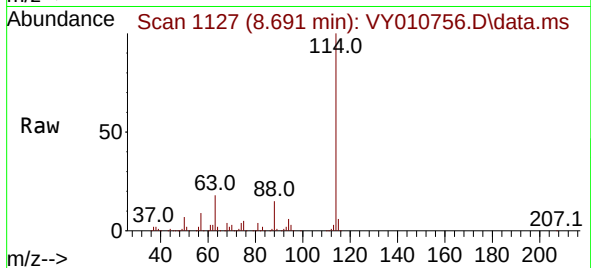
Tgt Ion:114 Resp: 296912

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.170 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010756.D

Acq: 30 Sep 2022 17:46

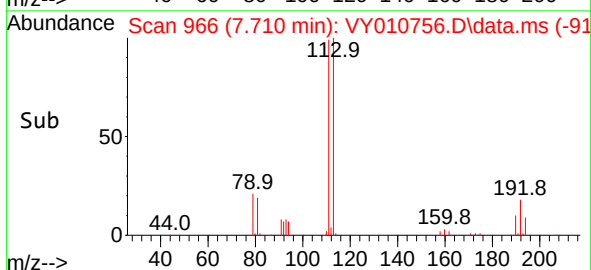
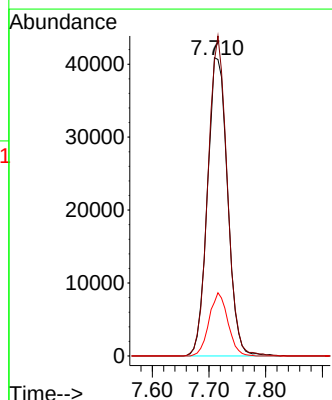
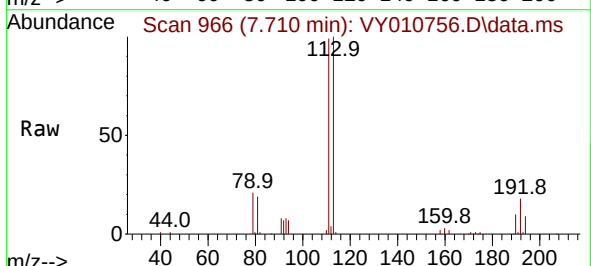
Tgt Ion:113 Resp: 100751

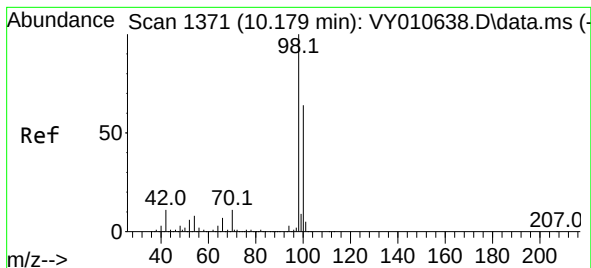
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 19.8 17.6 26.4

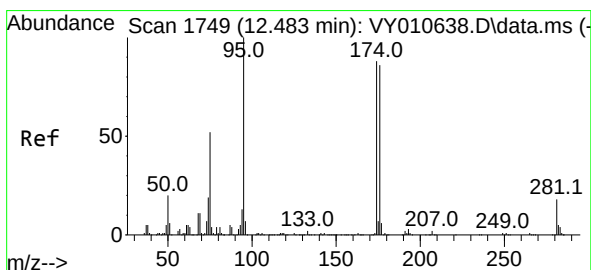
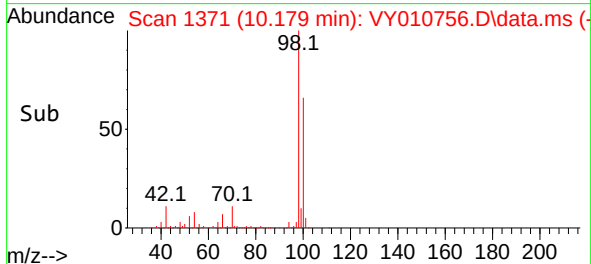
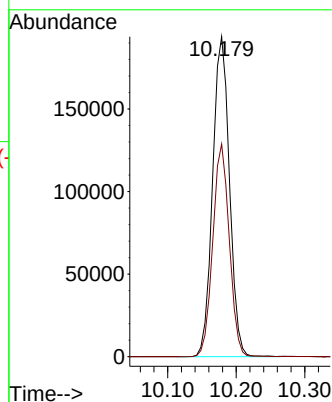
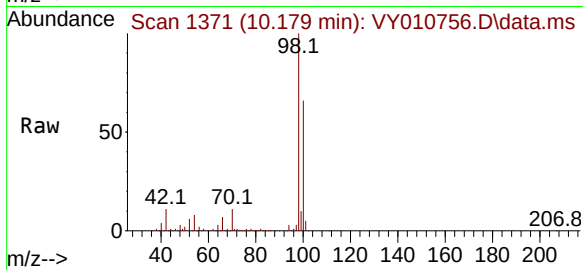




#50
Toluene-d8
Concen: 47.260 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010756.D
Acq: 30 Sep 2022 17:46

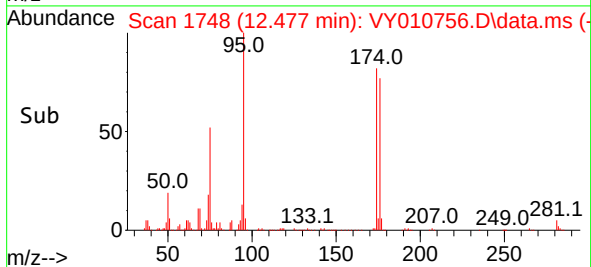
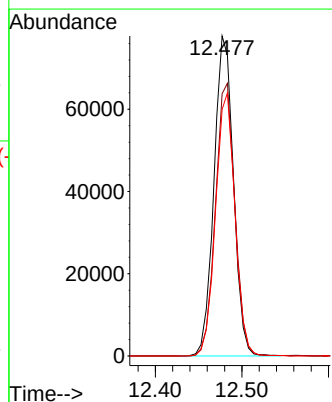
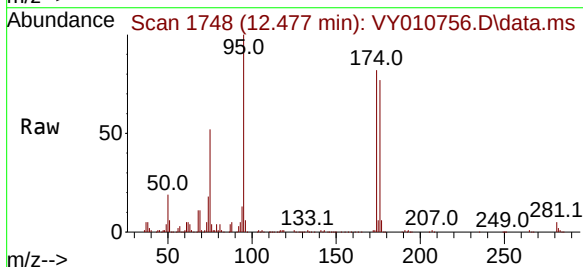
Instrument :
MSVOA_Y
ClientSampleId :
PE-5

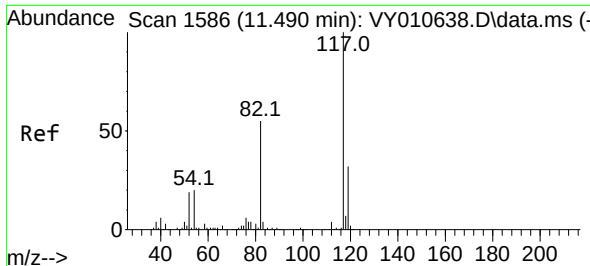
Tgt Ion: 98 Resp: 329691
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.529 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010756.D
Acq: 30 Sep 2022 17:46

Tgt Ion: 95 Resp: 121417
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 82.0 0.0 175.8

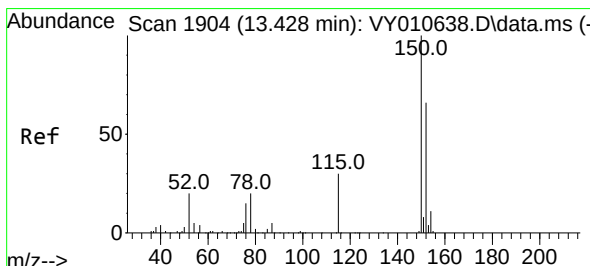
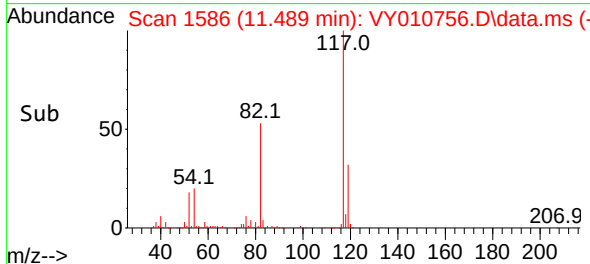
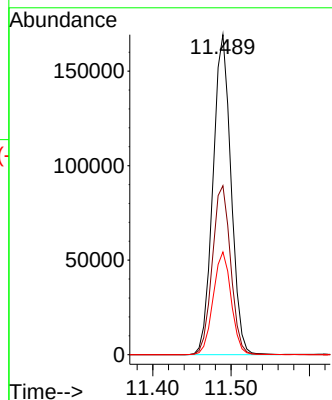
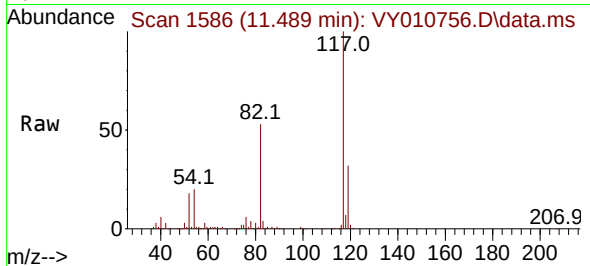




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010756.D
Acq: 30 Sep 2022 17:46

Instrument :
MSVOA_Y
ClientSampleId :
PE-5

Tgt Ion:117 Resp: 270977
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.1 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: VY010756.D
Acq: 30 Sep 2022 17:46

Tgt Ion:152 Resp: 135750
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 155.1 0.0 347.6

