

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
 Data File : VY010710.D
 Acq On : 28 Sep 2022 12:50
 Operator : KP/MD
 Sample : N4751-02
 Misc : 5.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2

Quant Time: Sep 29 01:12:25 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	198603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	287970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119696	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110806	58.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.660%
35) Dibromofluoromethane	7.716	113	110130	52.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.420%
50) Toluene-d8	10.179	98	352345	45.499	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.000%
62) 4-Bromofluorobenzene	12.477	95	109376	37.109	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.220%

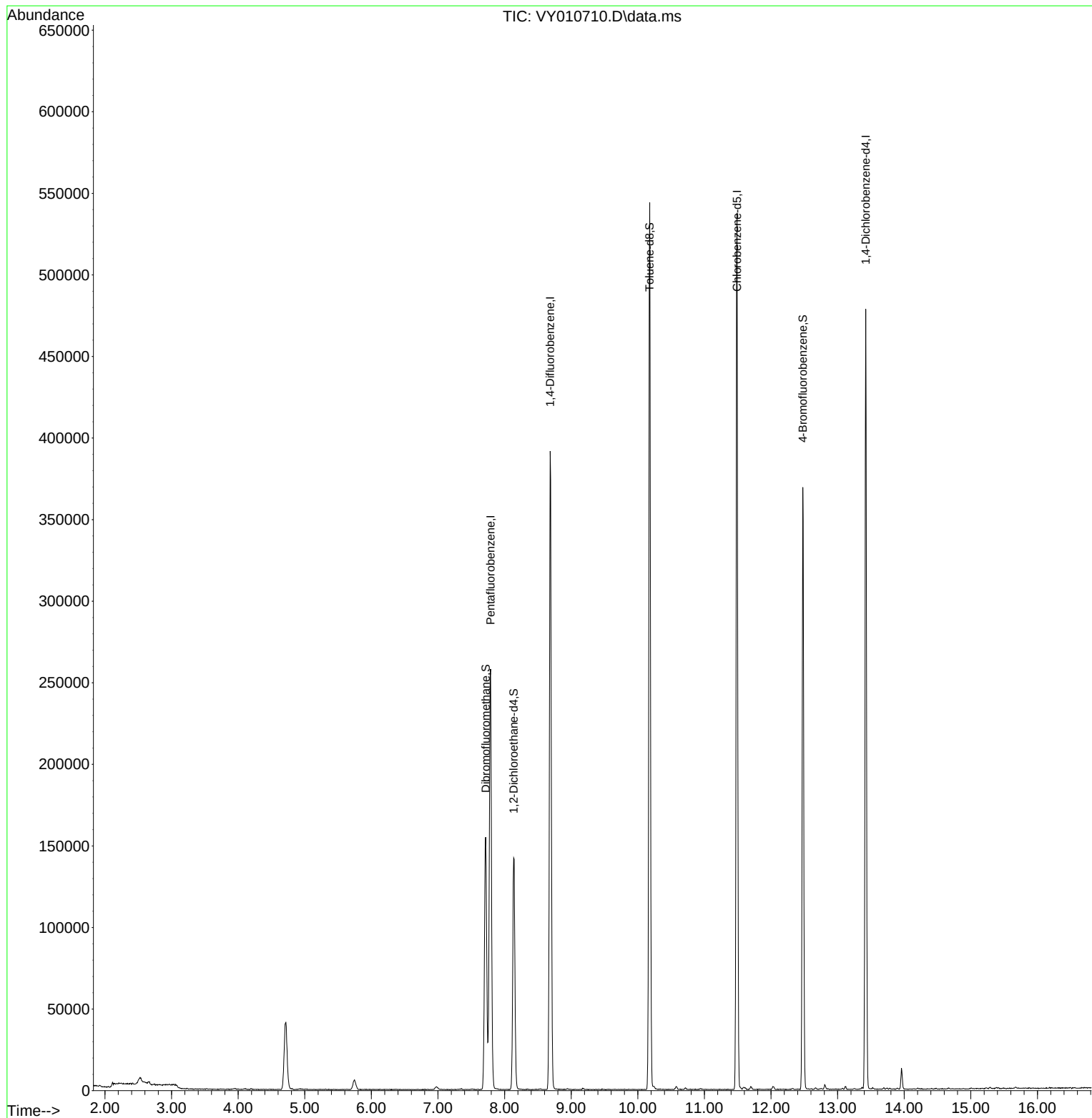
Target Compounds	Qvalue

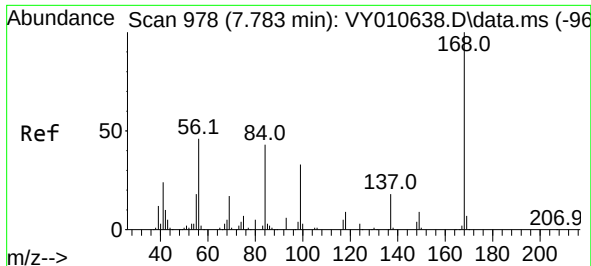
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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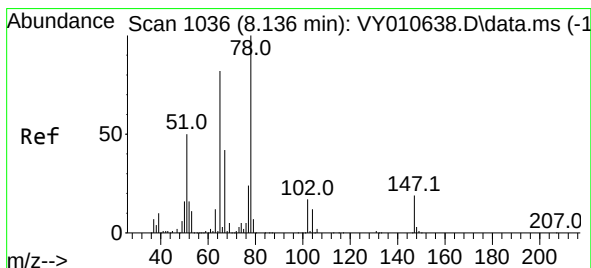
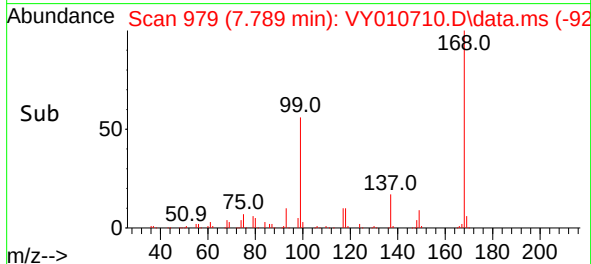
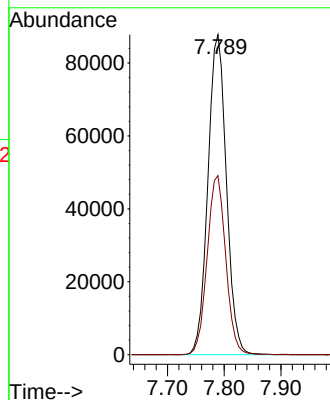
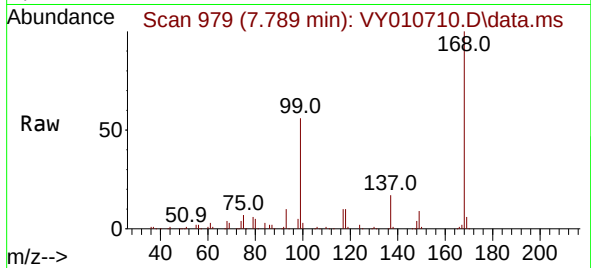




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010710.D
Acq: 28 Sep 2022 12:50

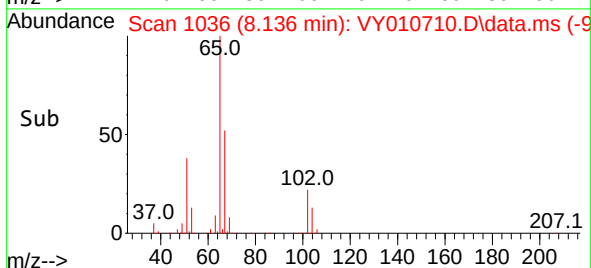
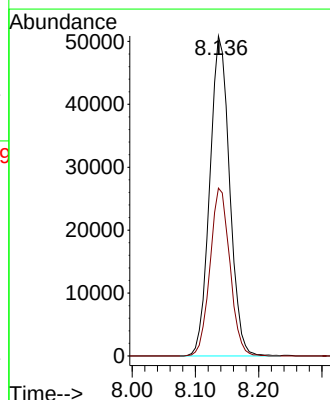
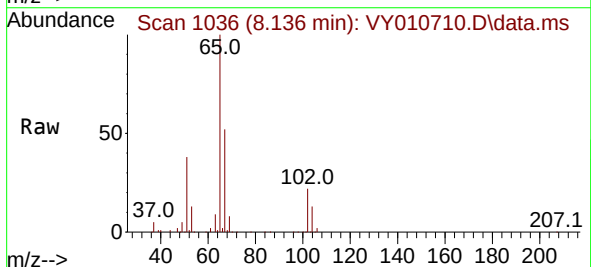
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

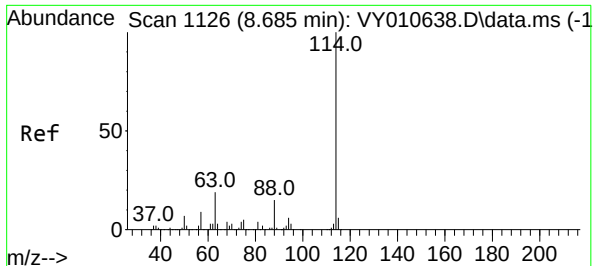
Tgt Ion:168 Resp: 198603
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.332 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010710.D
Acq: 28 Sep 2022 12:50

Tgt Ion: 65 Resp: 110806
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4

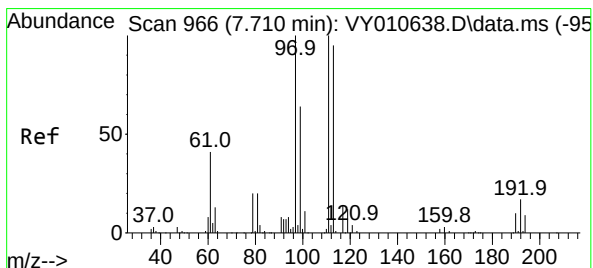
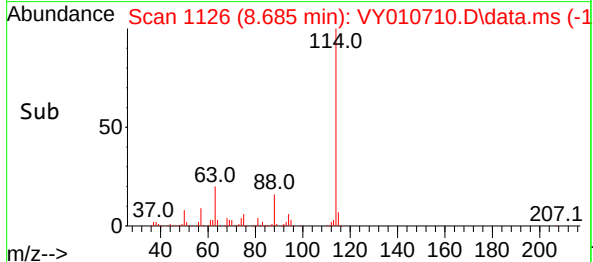
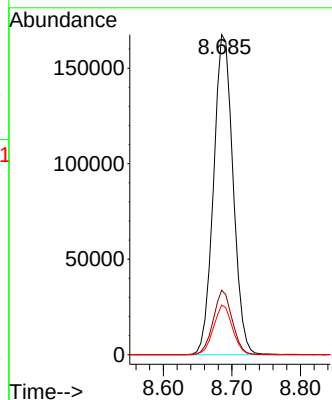
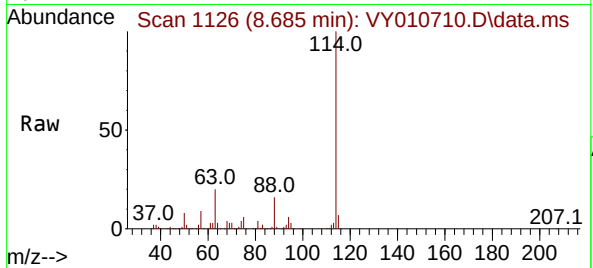




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010710.D
Acq: 28 Sep 2022 12:50

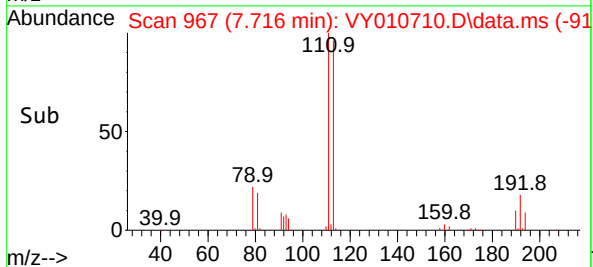
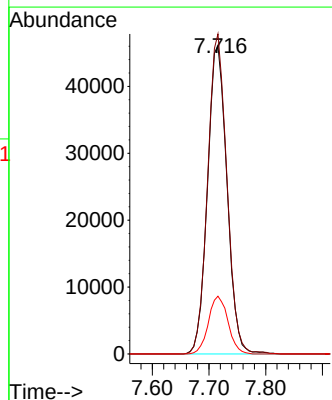
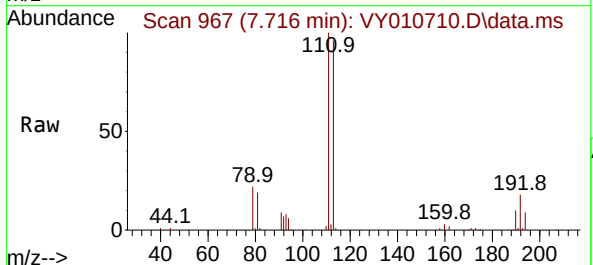
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

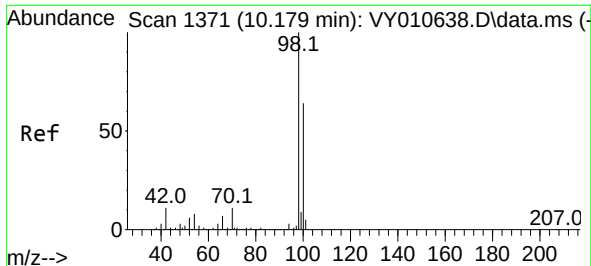
Tgt Ion:114 Resp: 330505
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.2
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.212 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010710.D
Acq: 28 Sep 2022 12:50

Tgt Ion:113 Resp: 110130
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 18.8 17.6 26.4

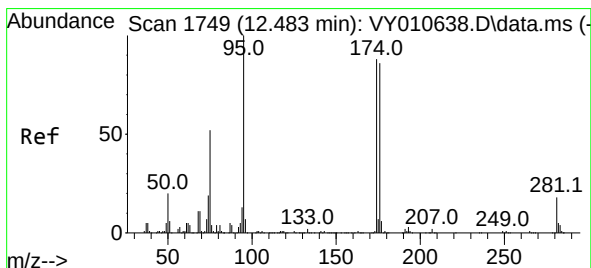
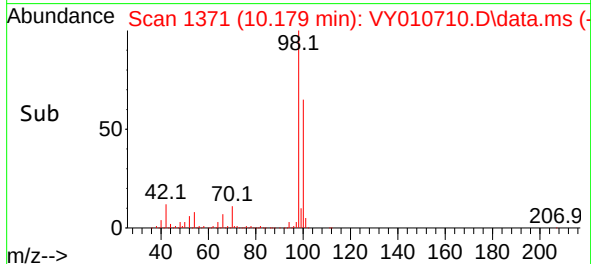
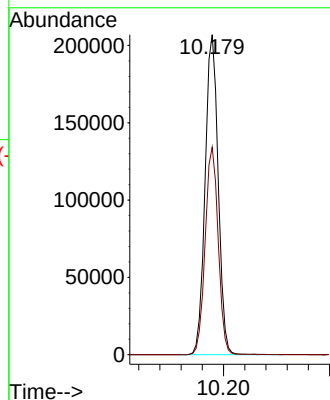
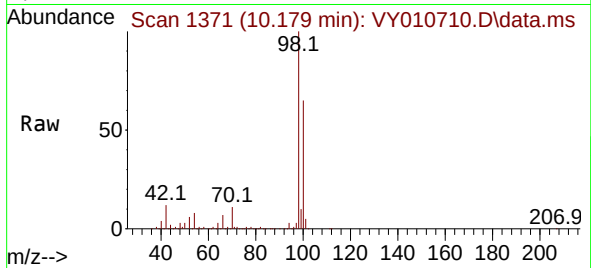




#50
Toluene-d8
Concen: 45.499 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010710.D
Acq: 28 Sep 2022 12:50

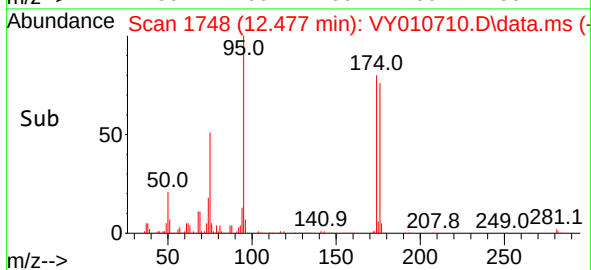
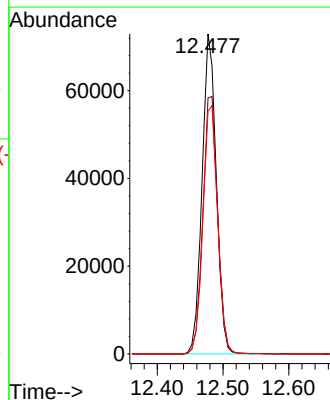
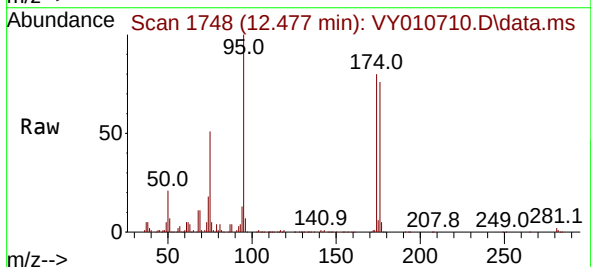
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

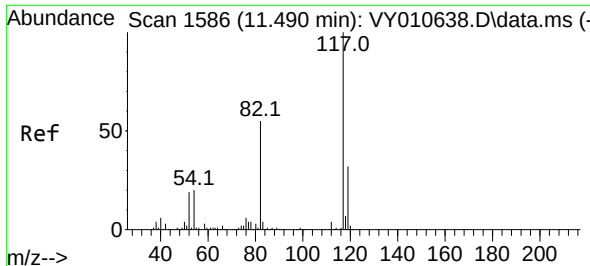
Tgt Ion: 98 Resp: 352345
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.109 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010710.D
Acq: 28 Sep 2022 12:50

Tgt Ion: 95 Resp: 109376
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.7 0.0 175.8

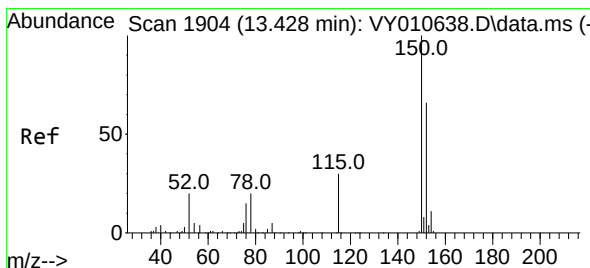
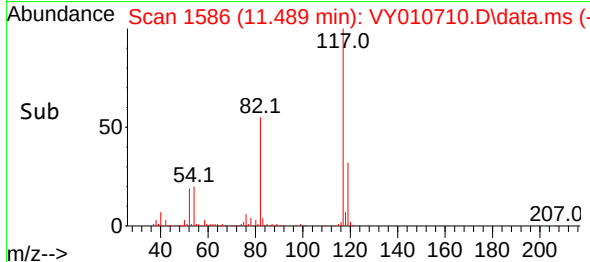
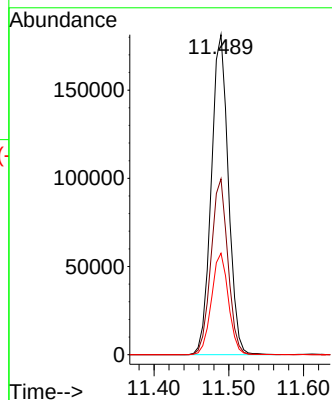
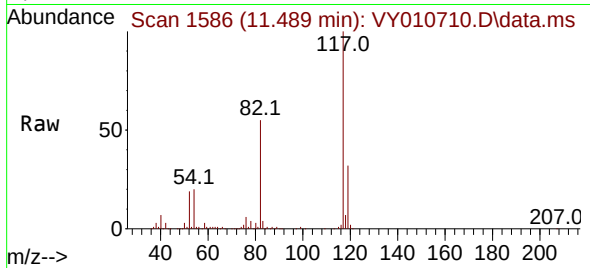




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010710.D
Acq: 28 Sep 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :
PE-2

Tgt Ion:117 Resp: 287970
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 31.7 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: VY010710.D
Acq: 28 Sep 2022 12:50

Tgt Ion:152 Resp: 119696
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 155.6 0.0 347.6

