

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093022\
 Data File : VY010750.D
 Acq On : 30 Sep 2022 15:31
 Operator : KP/MD
 Sample : N4909-01
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-4

Quant Time: Oct 01 06:18:32 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	248718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	411481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	196368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	127466	53.581	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.160%
35) Dibromofluoromethane	7.716	113	134103	51.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.140%
50) Toluene-d8	10.179	98	435483	45.191	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.380%
62) 4-Bromofluorobenzene	12.477	95	166170	45.913	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.820%

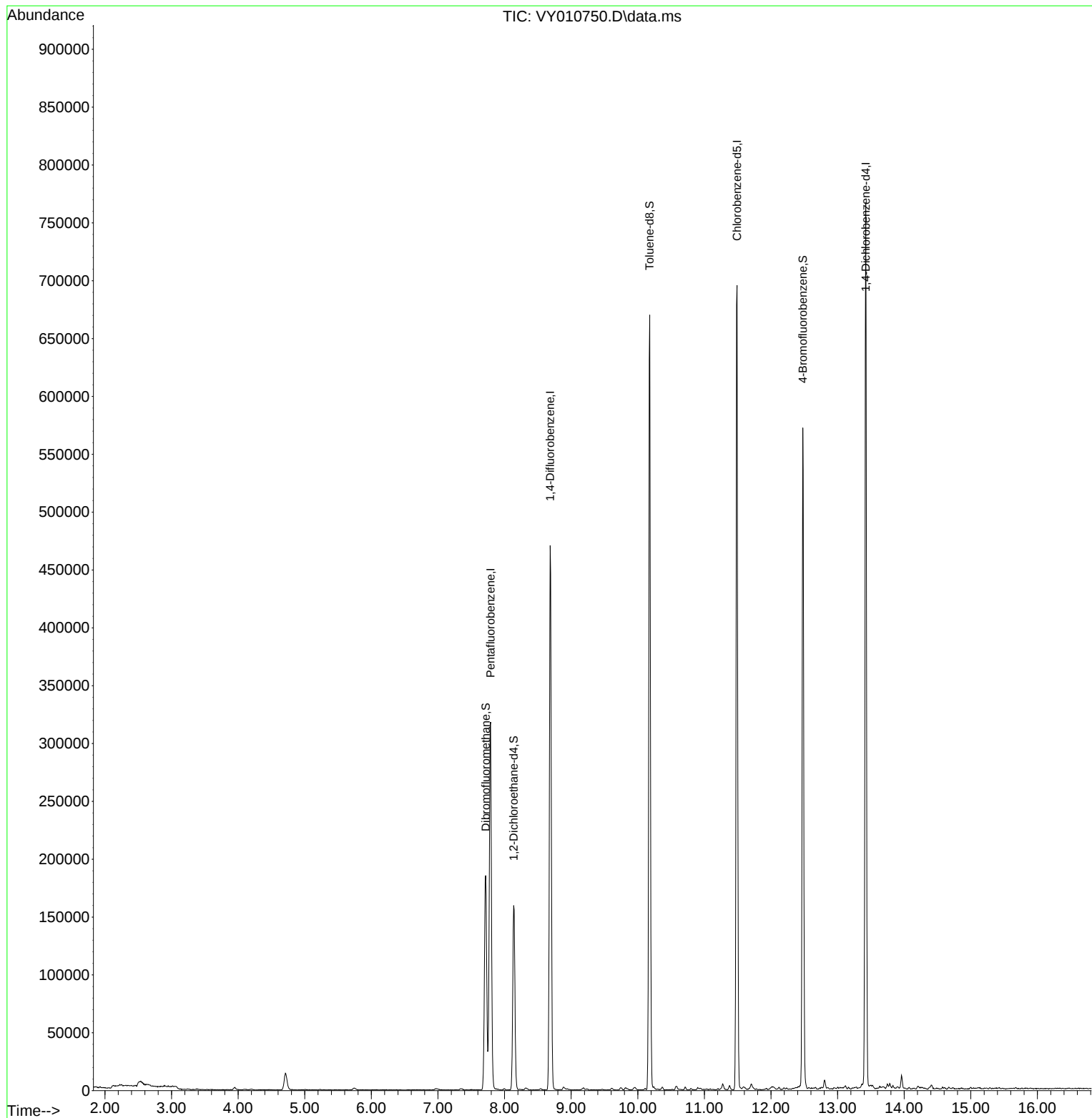
Target Compounds	Qvalue

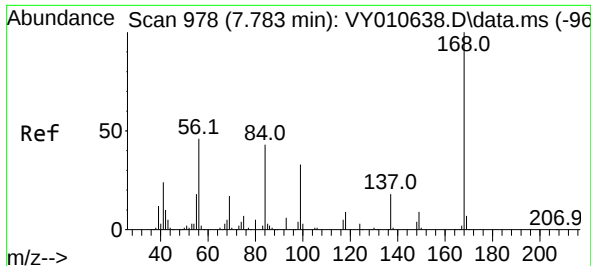
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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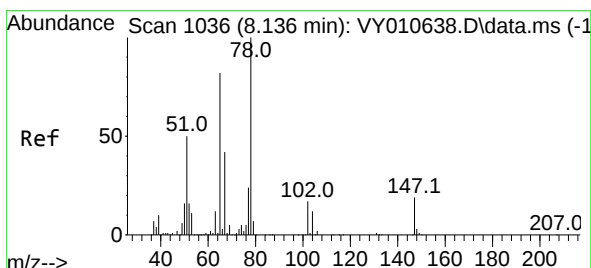
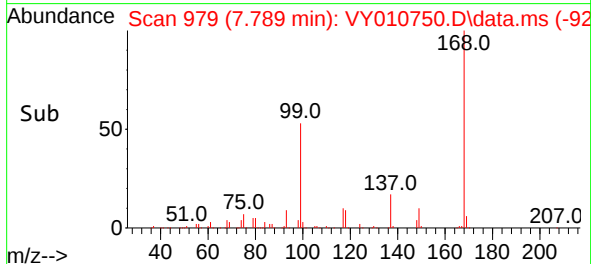
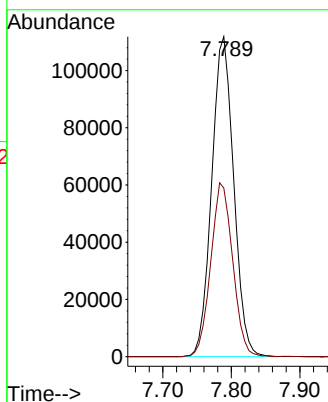
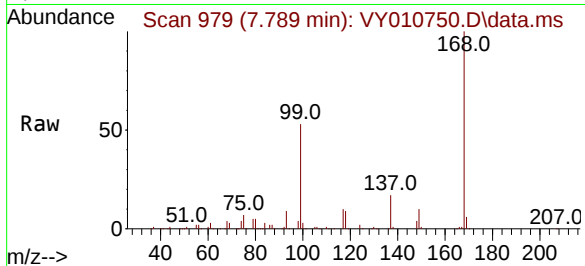




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

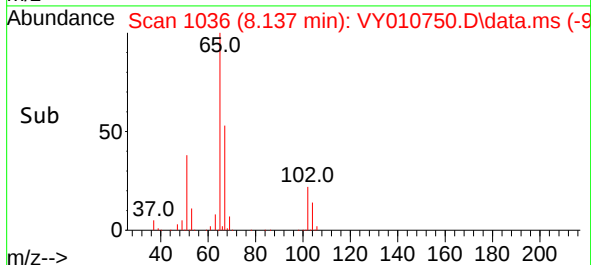
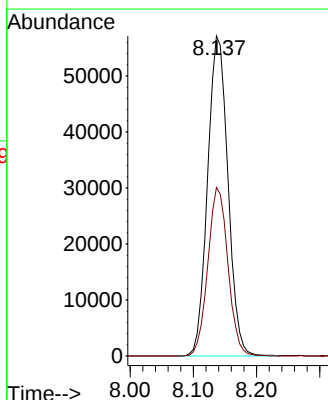
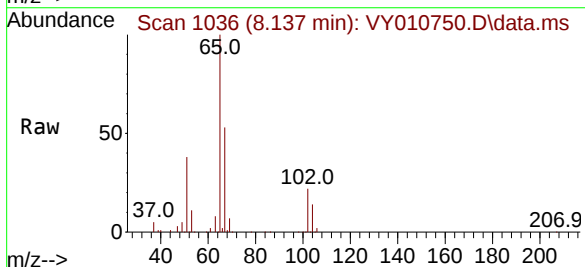
Instrument :
MSVOA_Y
ClientSampleId :
PE-4

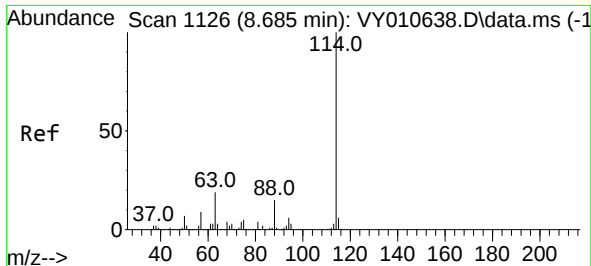
Tgt Ion:168 Resp: 248718
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.581 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Tgt Ion: 65 Resp: 127466
Ion Ratio Lower Upper
65 100
67 52.1 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: VY010750.D

Acq: 30 Sep 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

PE-4

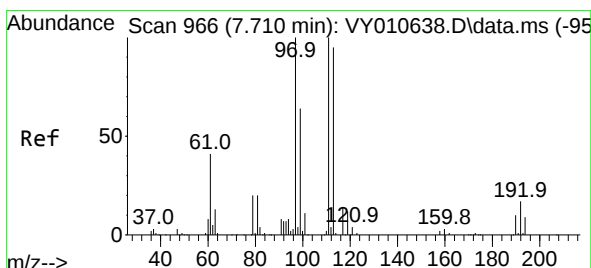
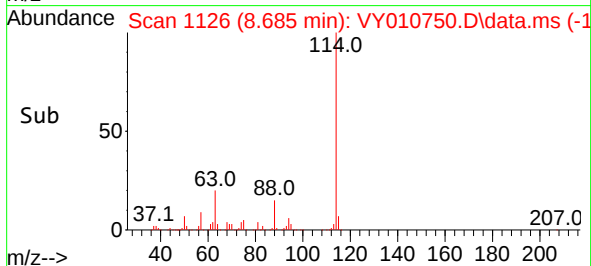
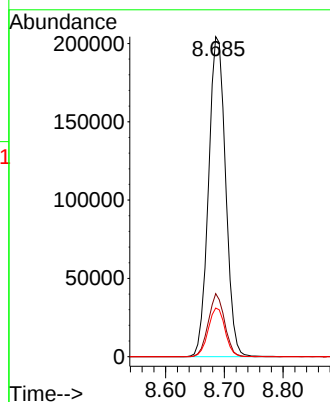
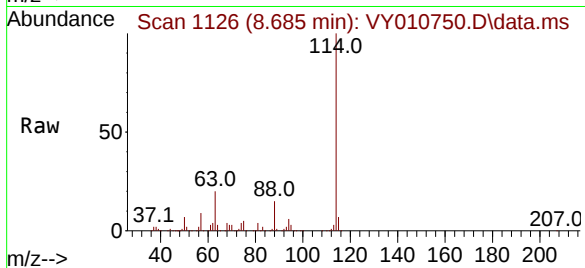
Tgt Ion:114 Resp: 411481

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.066 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010750.D

Acq: 30 Sep 2022 15:31

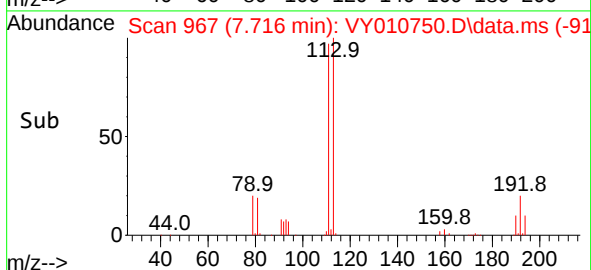
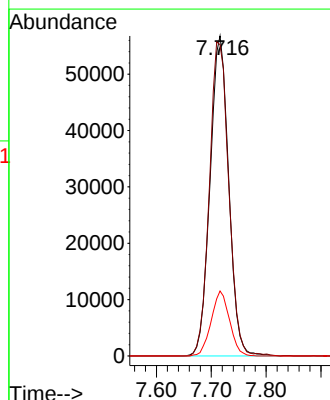
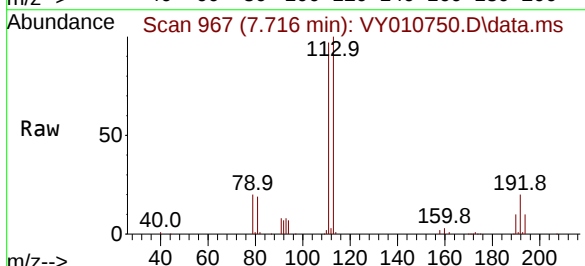
Tgt Ion:113 Resp: 134103

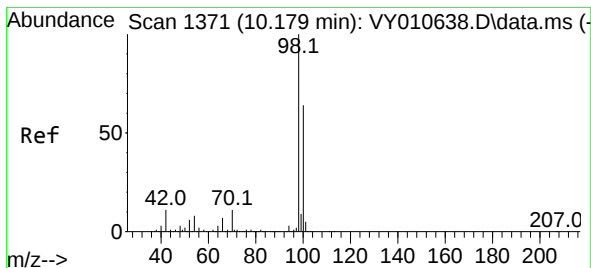
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 19.9 17.6 26.4





#50

Toluene-d8

Concen: 45.191 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010750.D

Acq: 30 Sep 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

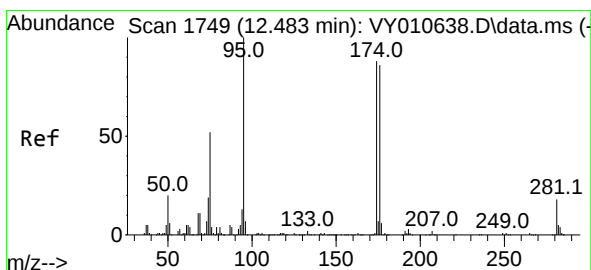
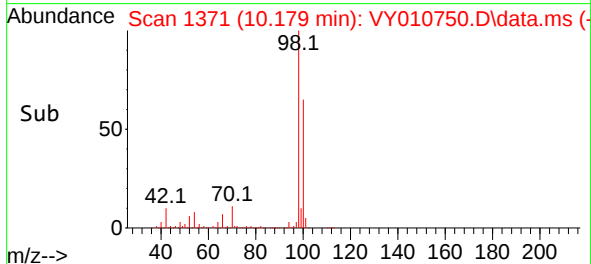
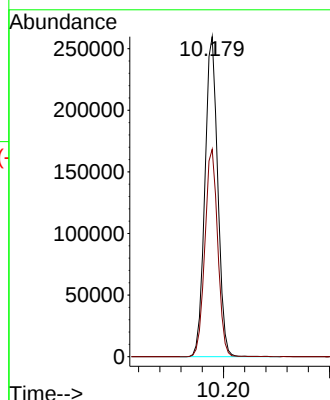
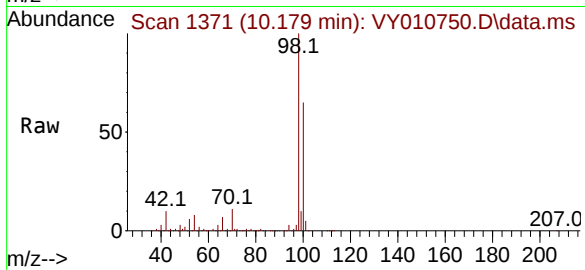
PE-4

Tgt Ion: 98 Resp: 435483

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 45.913 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY010750.D

Acq: 30 Sep 2022 15:31

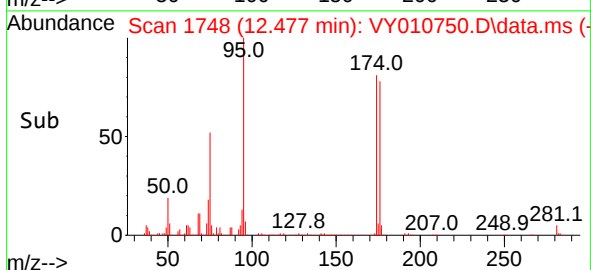
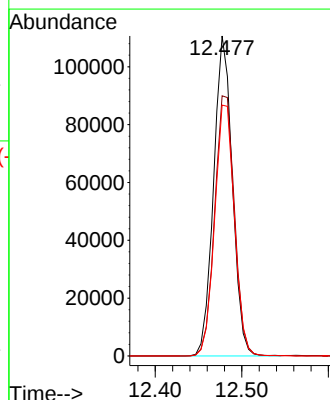
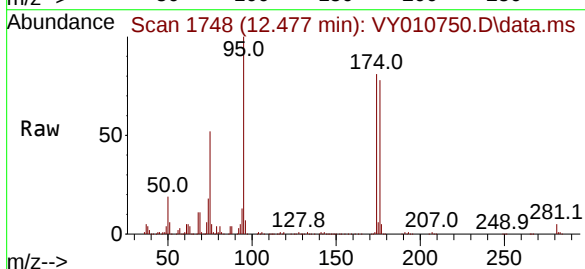
Tgt Ion: 95 Resp: 166170

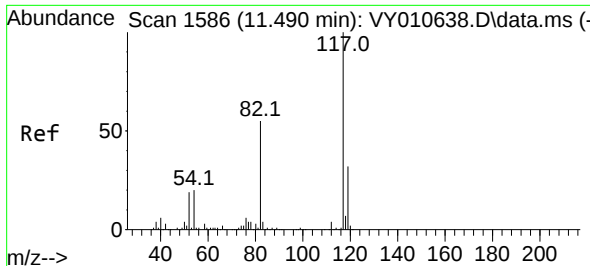
Ion Ratio Lower Upper

95 100

174 86.3 0.0 177.0

176 82.9 0.0 175.8

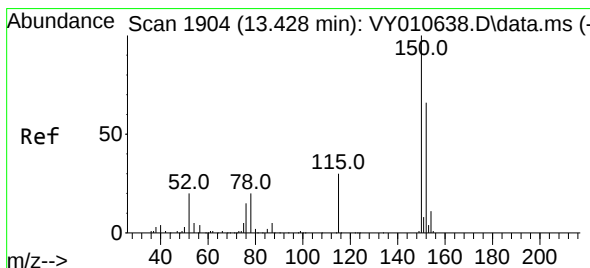
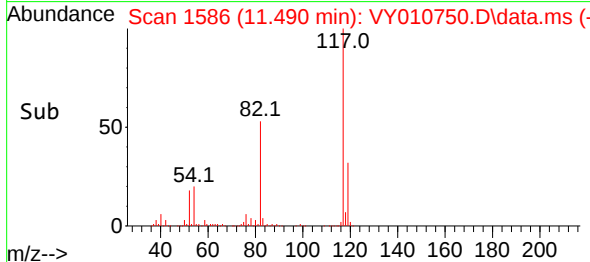
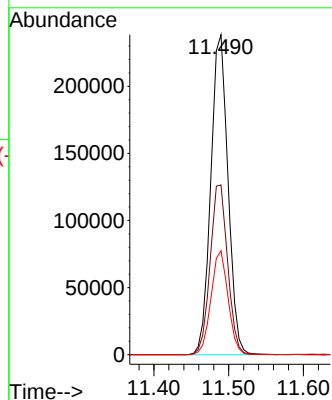
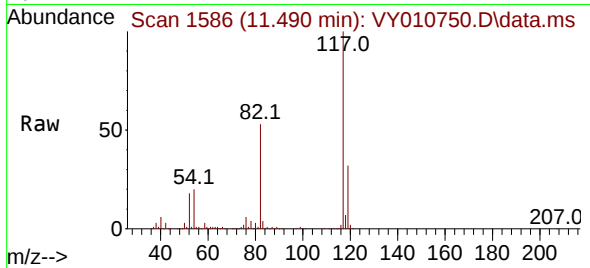




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :
PE-4

Tgt Ion:117 Resp: 381419
Ion Ratio Lower Upper
117 100
82 53.1 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. 0.000 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Tgt Ion:152 Resp: 196368
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 156.6 0.0 347.6

