

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010676.D
 Acq On : 26 Sep 2022 17:13
 Operator : KP/MD
 Sample : N4724-11
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-11.5-12.0

Quant Time: Sep 27 06:27:46 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	225759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	374362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	346725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169030	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106956	49.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.060%
35) Dibromofluoromethane	7.710	113	112145	46.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.880%
50) Toluene-d8	10.179	98	387561	44.273	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.540%
62) 4-Bromofluorobenzene	12.477	95	138043	41.675	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.340%

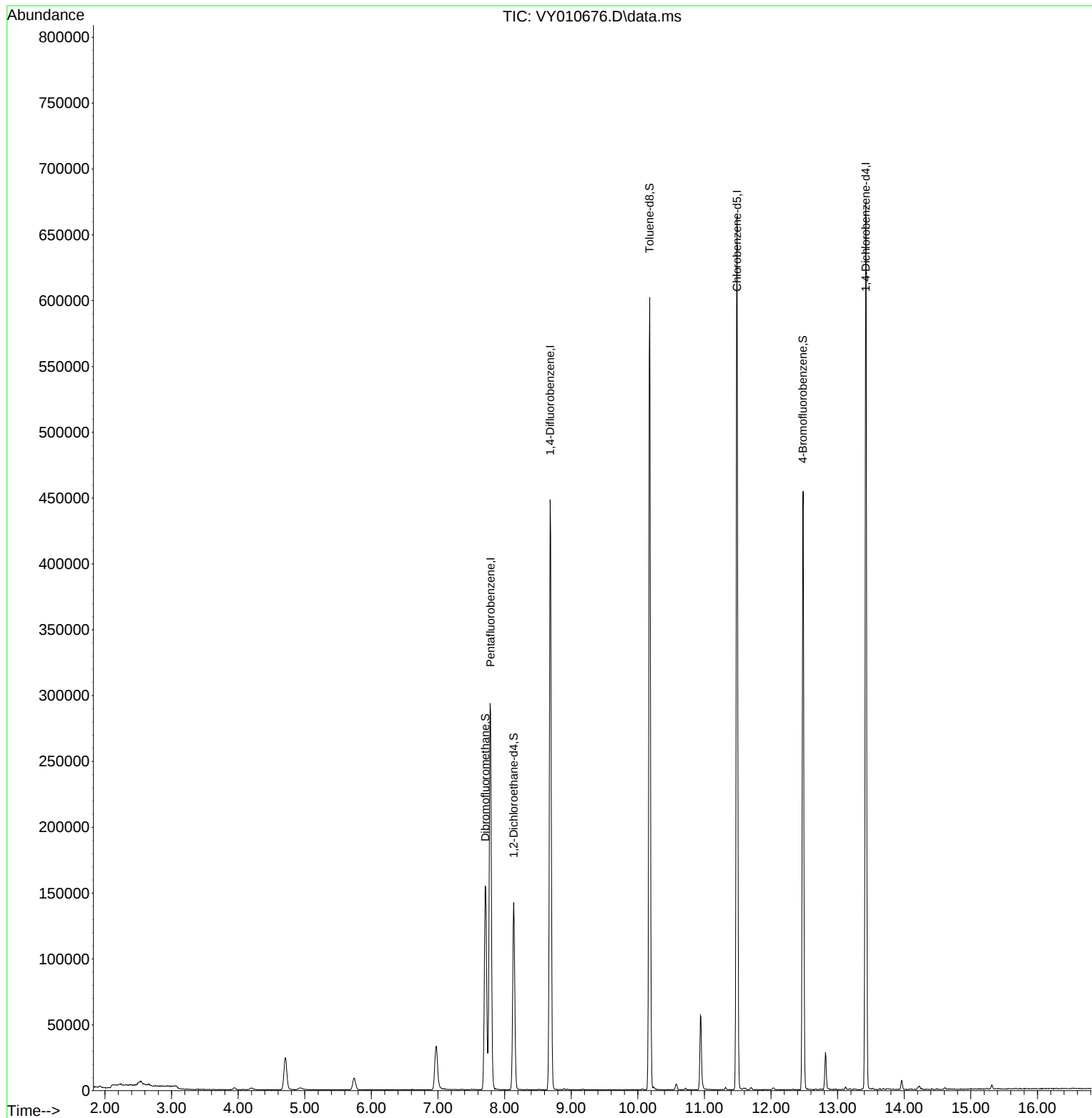
Target Compounds	Qvalue

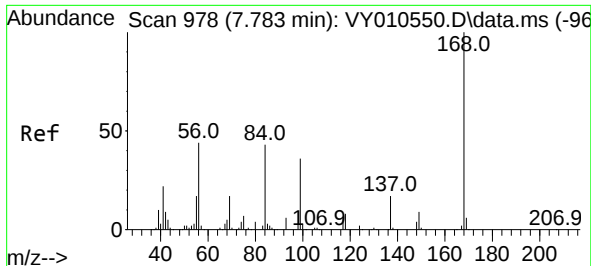
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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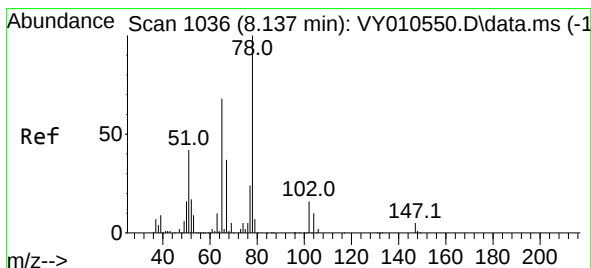
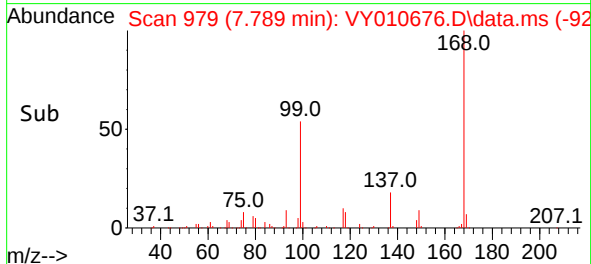
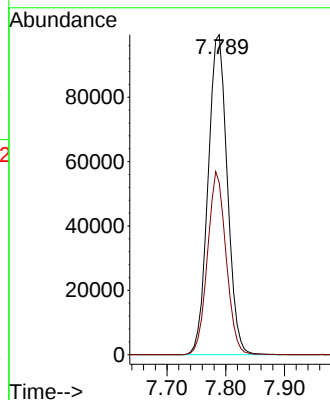
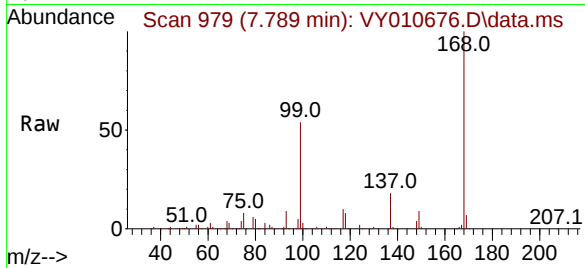




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010676.D
Acq: 26 Sep 2022 17:13

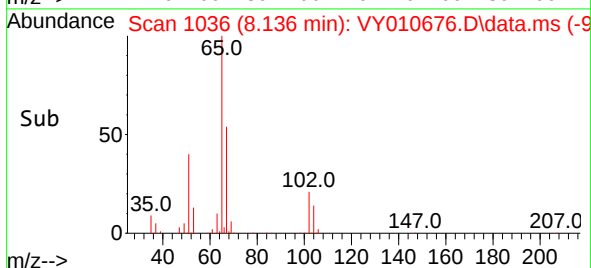
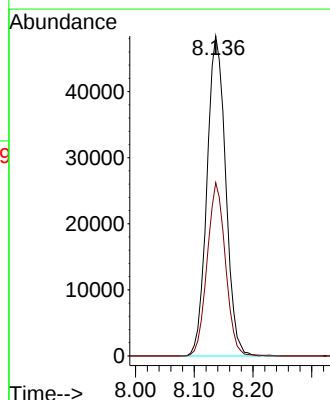
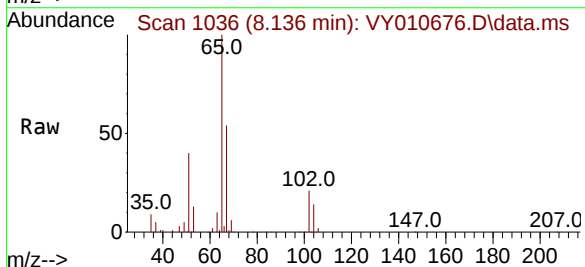
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-11.5-12.0

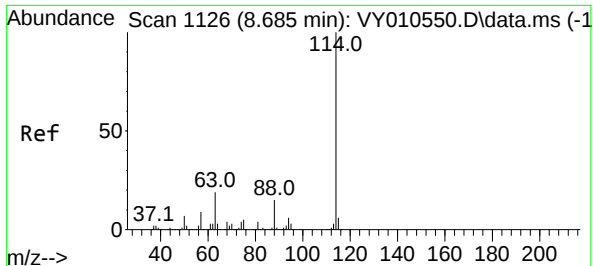
Tgt Ion:168 Resp: 225759
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.532 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010676.D
Acq: 26 Sep 2022 17:13

Tgt Ion: 65 Resp: 106956
Ion Ratio Lower Upper
65 100
67 52.9 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: VY010676.D

Acq: 26 Sep 2022 17:13

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-11.5-12.0

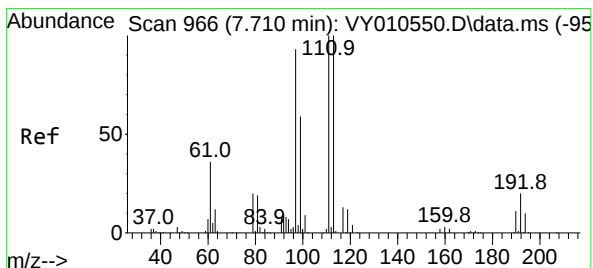
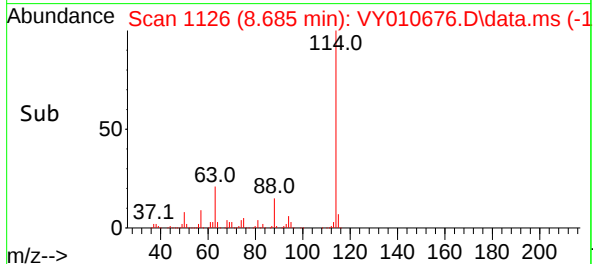
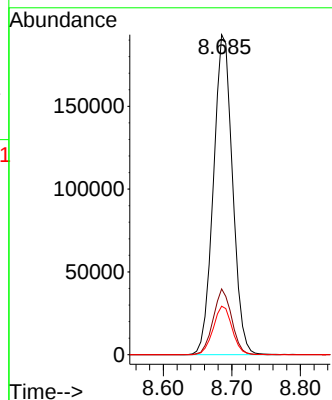
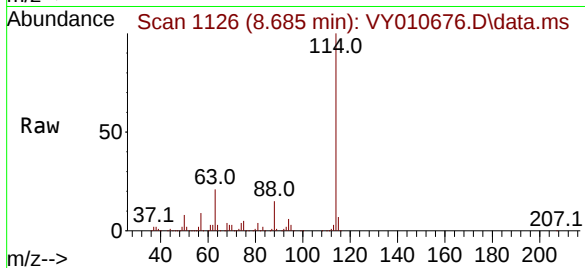
Tgt Ion:114 Resp: 374362

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.939 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010676.D

Acq: 26 Sep 2022 17:13

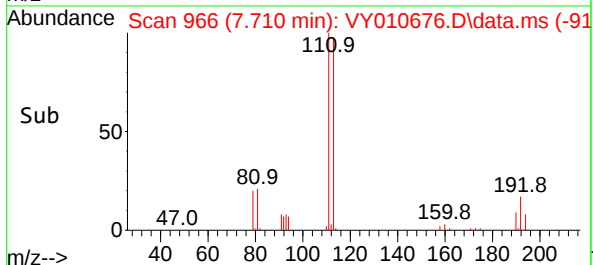
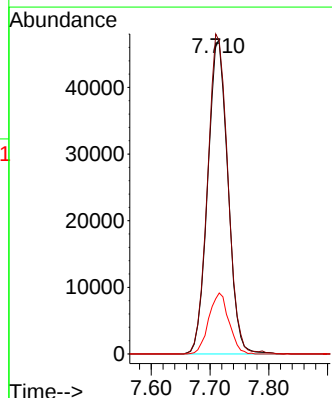
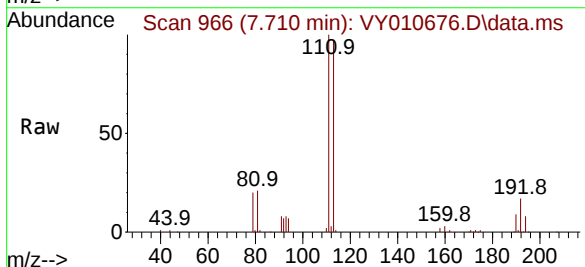
Tgt Ion:113 Resp: 112145

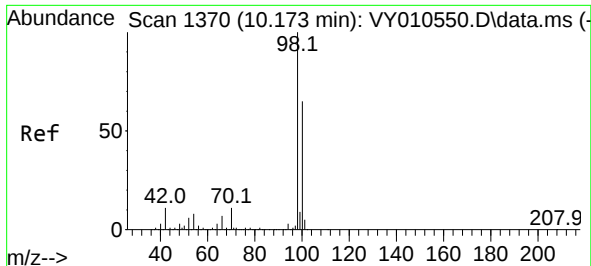
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.4 17.6 26.4

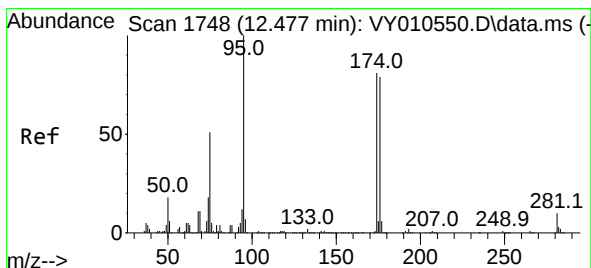
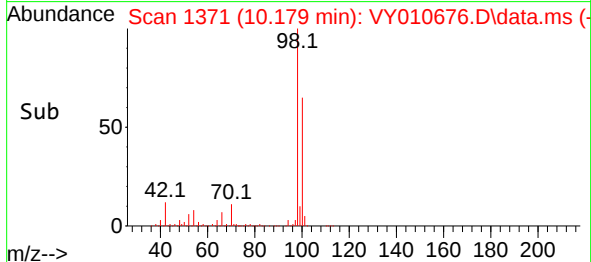
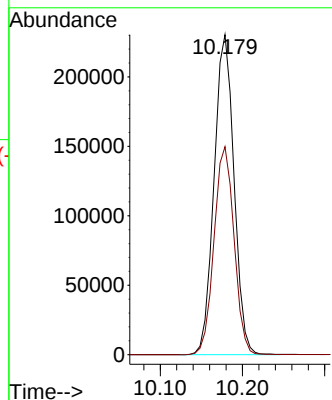
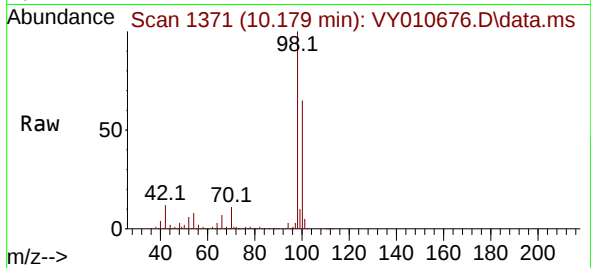




#50
Toluene-d8
Concen: 44.273 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010676.D
Acq: 26 Sep 2022 17:13

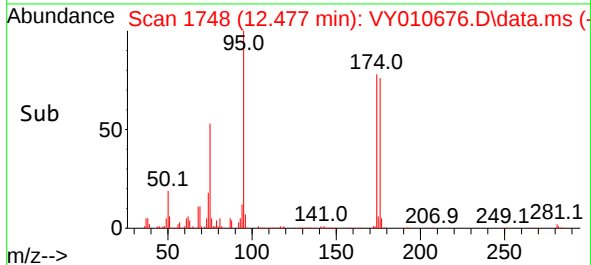
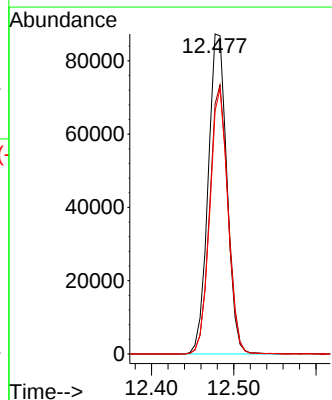
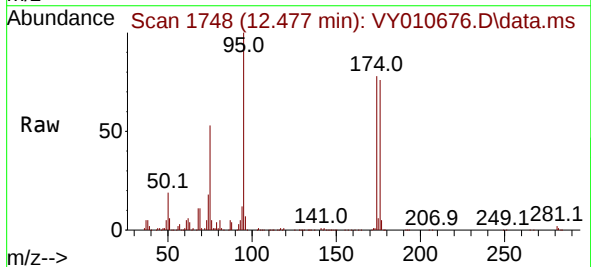
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-11.5-12.0

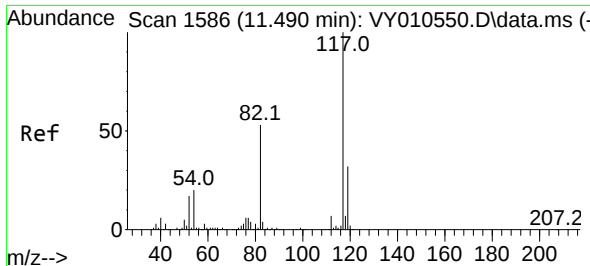
Tgt Ion: 98 Resp: 387561
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.675 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010676.D
Acq: 26 Sep 2022 17:13

Tgt Ion: 95 Resp: 138043
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 80.2 0.0 175.8

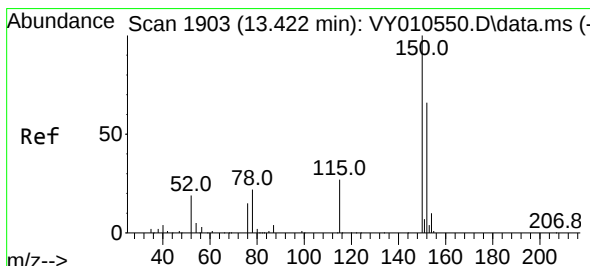
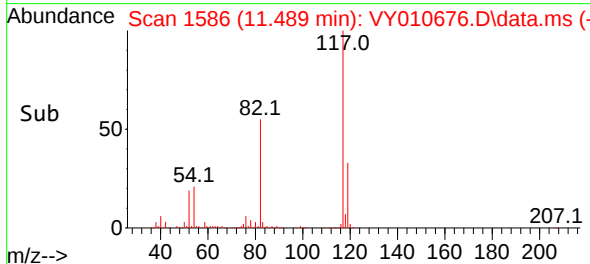
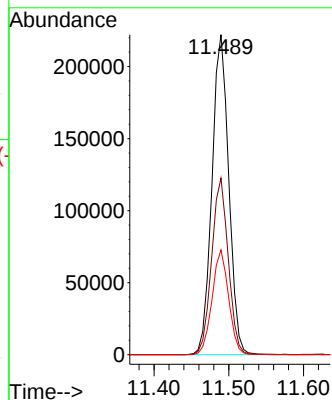
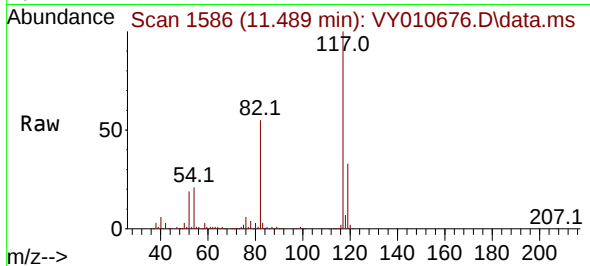




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010676.D
Acq: 26 Sep 2022 17:13

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-11.5-12.0

Tgt Ion:117 Resp: 346725
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 32.7 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: VY010676.D
Acq: 26 Sep 2022 17:13

Tgt Ion:152 Resp: 169030
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 157.9 0.0 347.6

