

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010673.D
 Acq On : 26 Sep 2022 16:05
 Operator : KP/MD
 Sample : N4724-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-8.5-9.0

Quant Time: Sep 27 06:27:13 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	214092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	356166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	335250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164904	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103834	50.707	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.420%
35) Dibromofluoromethane	7.716	113	103328	45.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.920%
50) Toluene-d8	10.179	98	350381	42.226	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.460%
62) 4-Bromofluorobenzene	12.477	95	125285	39.624	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.240%

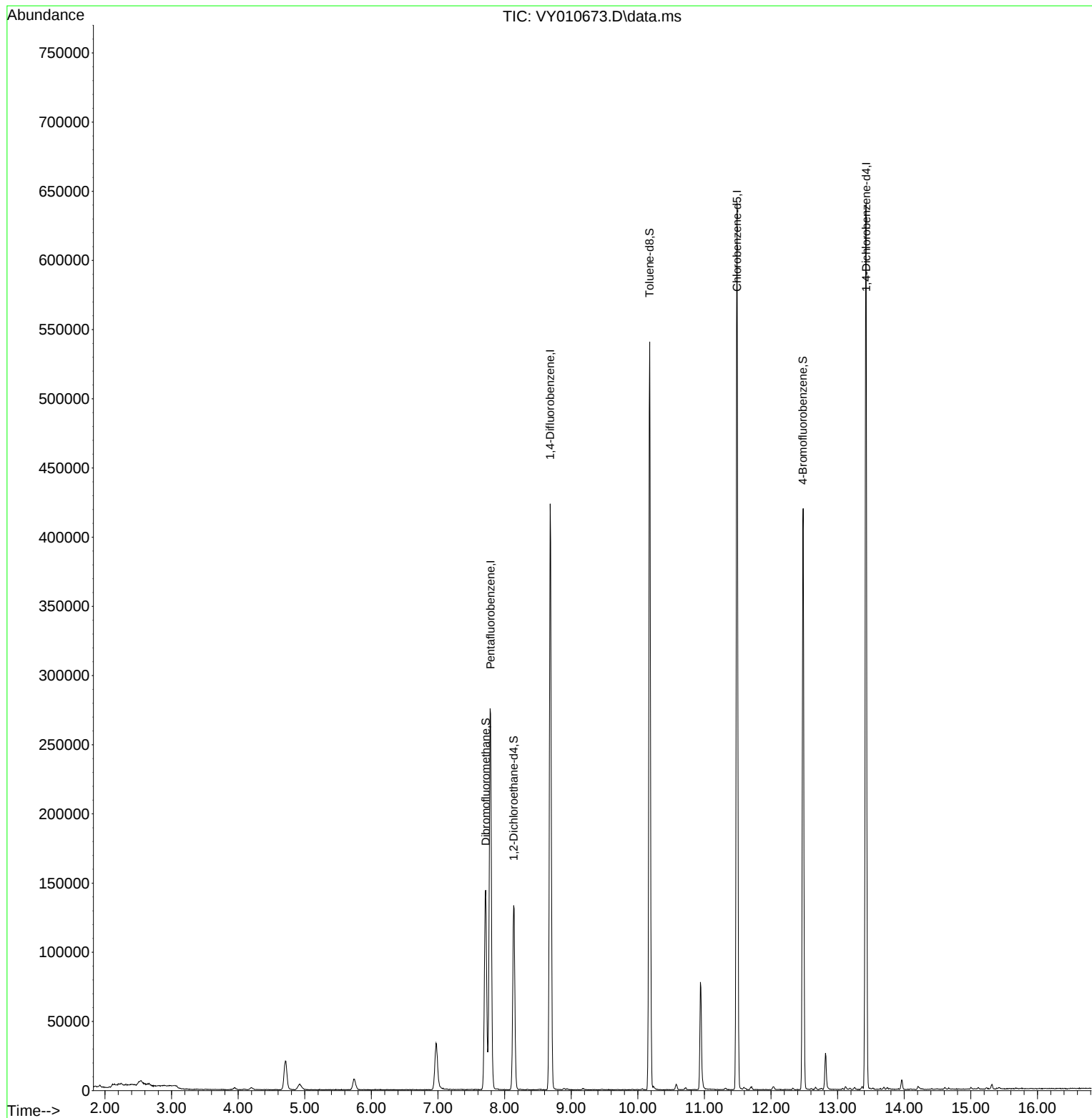
Target Compounds	Qvalue

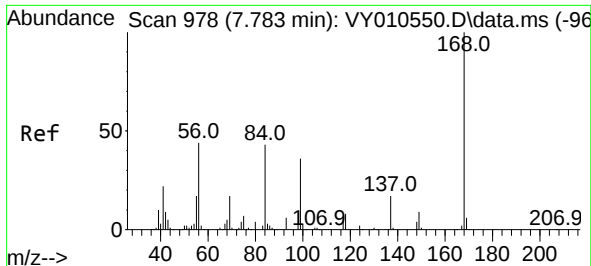
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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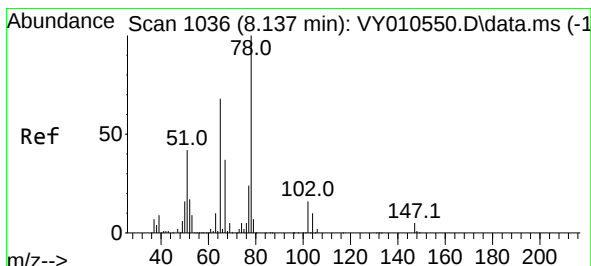
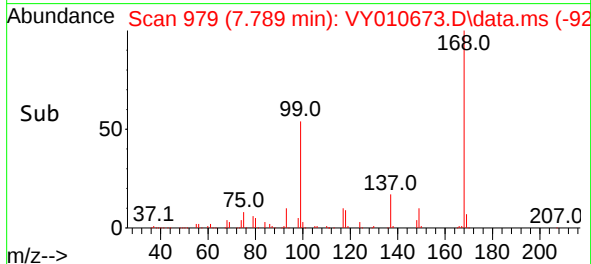
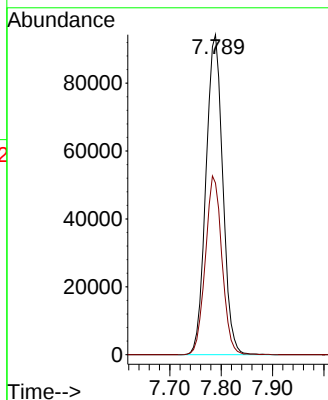
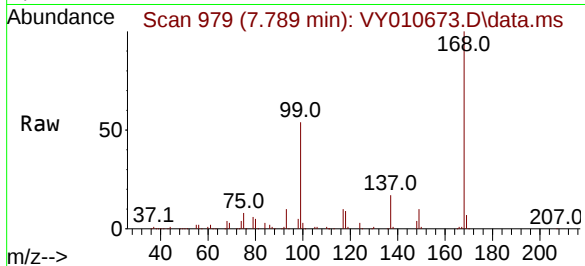




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010673.D
Acq: 26 Sep 2022 16:05

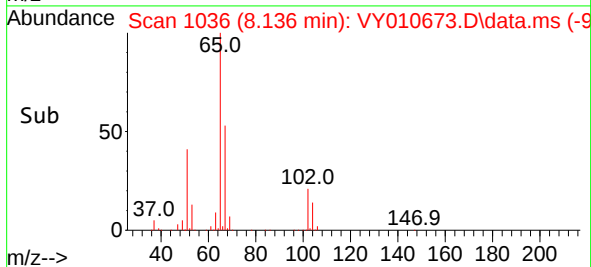
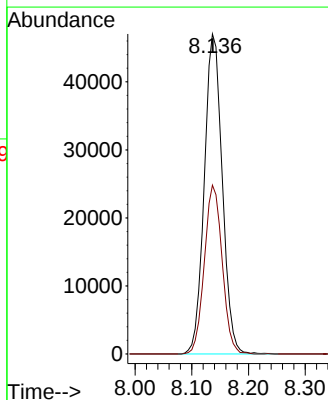
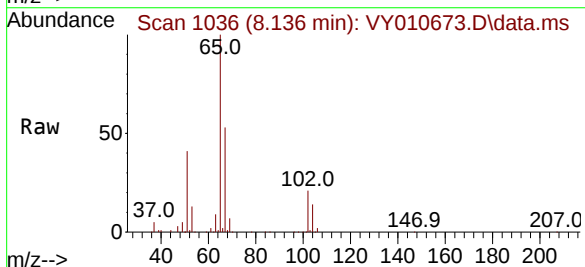
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-8.5-9.0

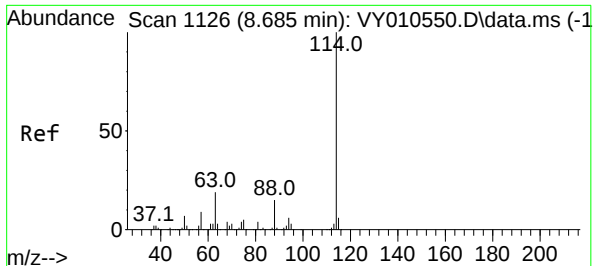
Tgt Ion:168 Resp: 214092
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.707 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010673.D
Acq: 26 Sep 2022 16:05

Tgt Ion: 65 Resp: 103834
Ion Ratio Lower Upper
65 100
67 52.2 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: VY010673.D

Acq: 26 Sep 2022 16:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-8.5-9.0

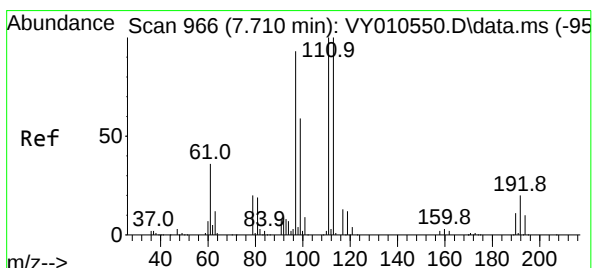
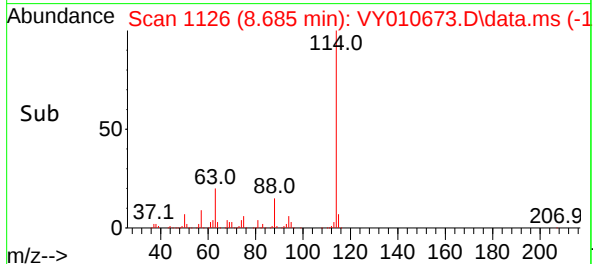
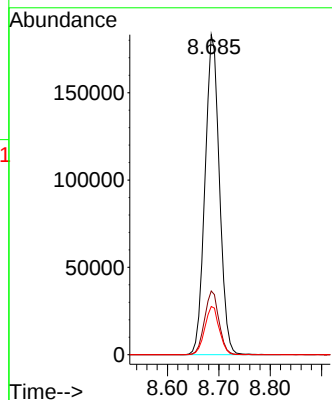
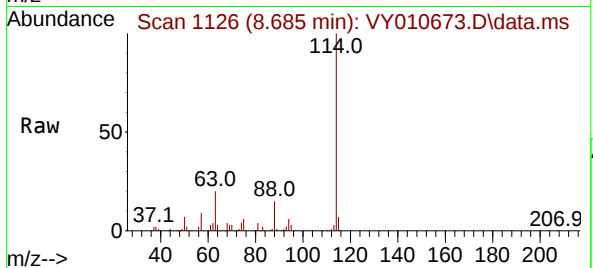
Tgt Ion:114 Resp: 356166

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.458 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010673.D

Acq: 26 Sep 2022 16:05

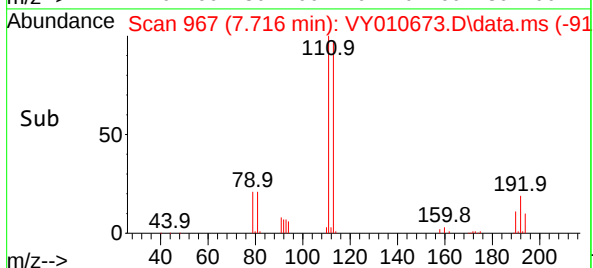
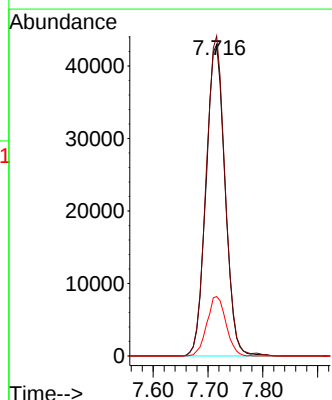
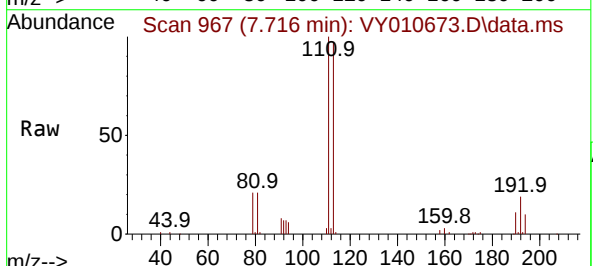
Tgt Ion:113 Resp: 103328

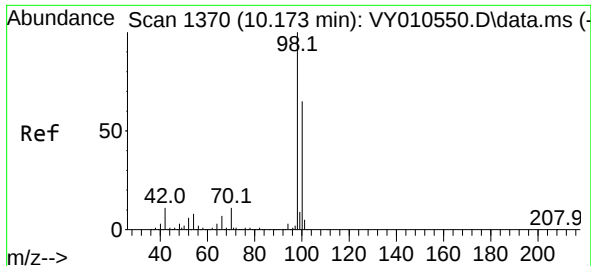
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 19.1 17.6 26.4

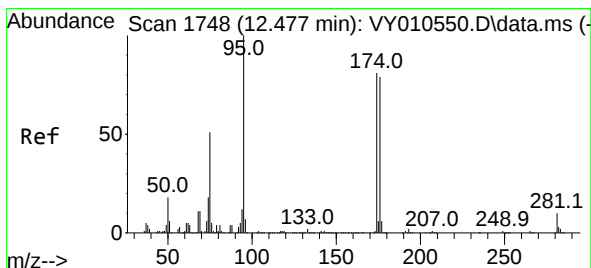
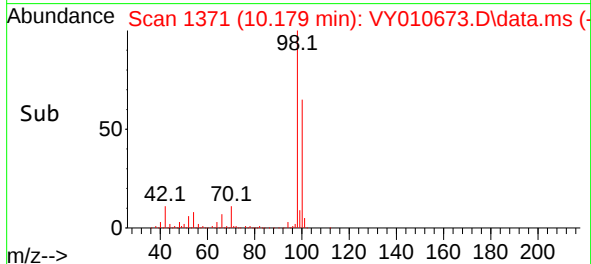
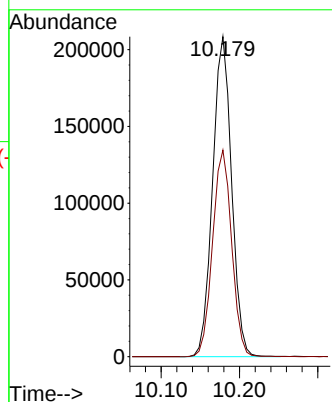
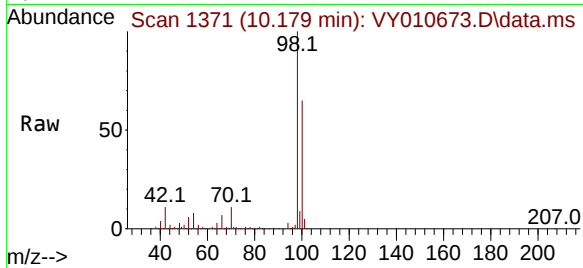




#50
Toluene-d8
Concen: 42.226 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010673.D
Acq: 26 Sep 2022 16:05

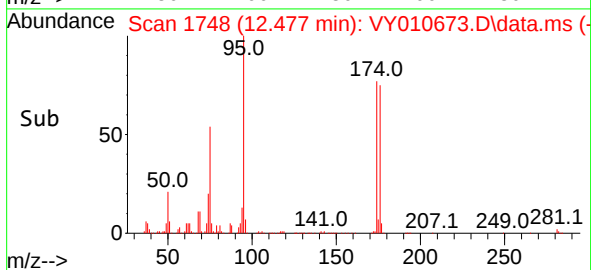
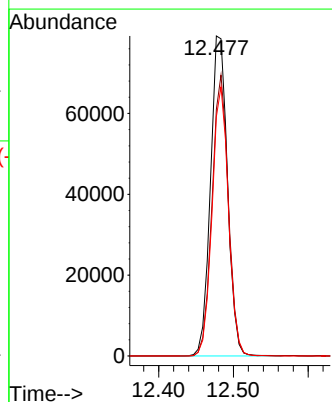
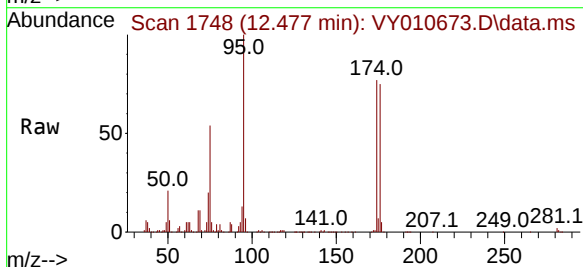
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-8.5-9.0

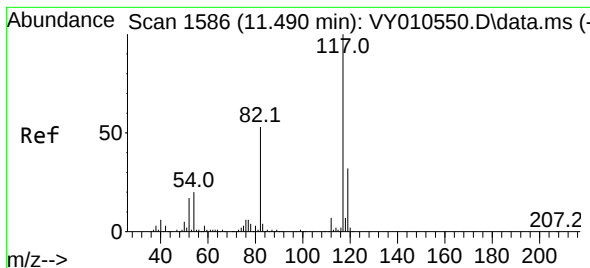
Tgt Ion: 98 Resp: 350381
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.624 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010673.D
Acq: 26 Sep 2022 16:05

Tgt Ion: 95 Resp: 125285
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 81.0 0.0 175.8

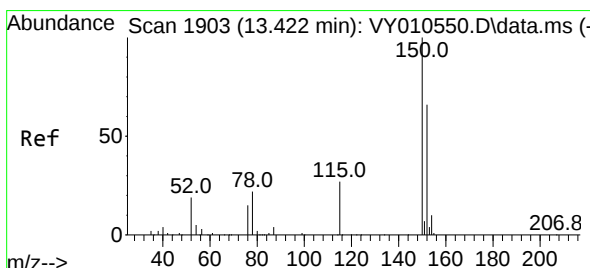
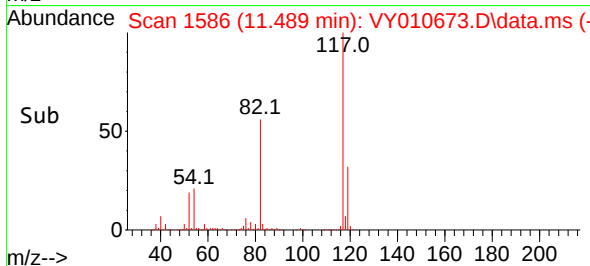
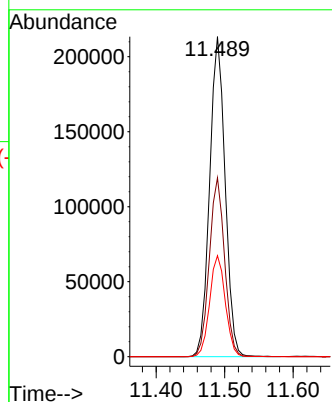
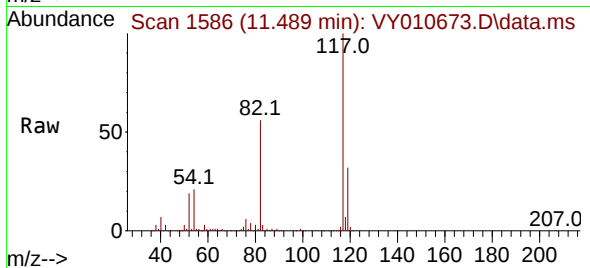




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010673.D
Acq: 26 Sep 2022 16:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-8.5-9.0

Tgt Ion:117 Resp: 335250
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010673.D
Acq: 26 Sep 2022 16:05

Tgt Ion:152 Resp: 164904
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 157.3 0.0 347.6

