

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
 Data File : VY010702.D
 Acq On : 27 Sep 2022 16:45
 Operator : KP/MD
 Sample : N4808-01
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22022-6-6.5

Quant Time: Sep 28 01:26:52 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	170878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	274035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138094	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94572	57.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.720%
35) Dibromofluoromethane	7.716	113	94640	50.462	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.920%
50) Toluene-d8	10.179	98	309799	45.027	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.060%
62) 4-Bromofluorobenzene	12.483	95	111343	42.900	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.800%

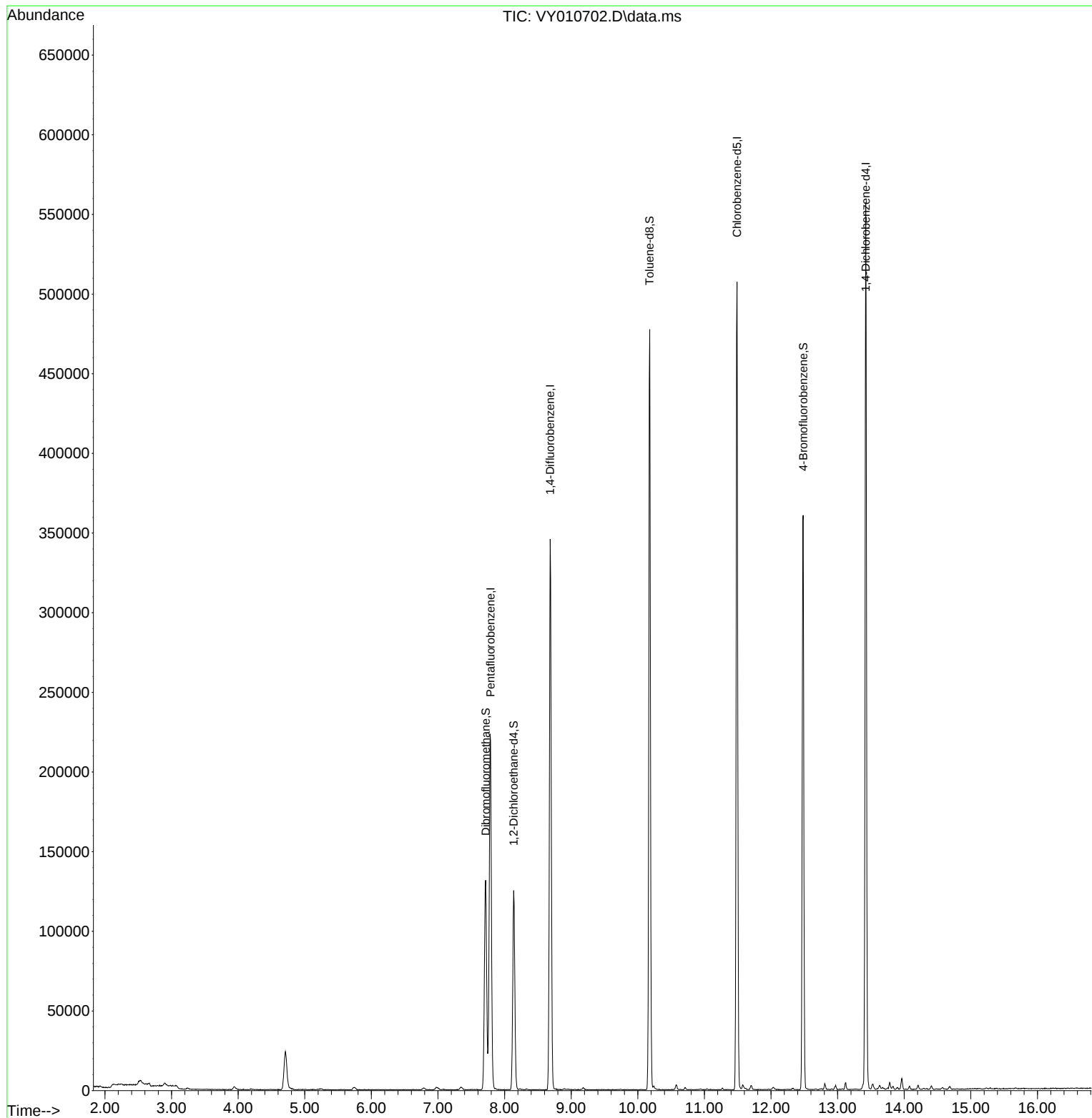
Target Compounds	Qvalue

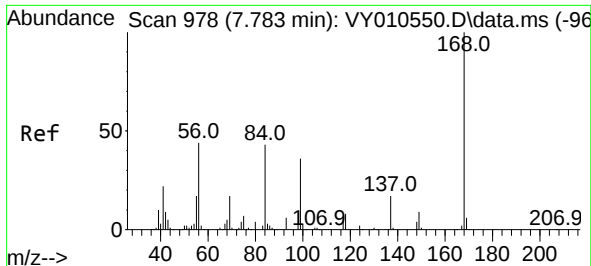
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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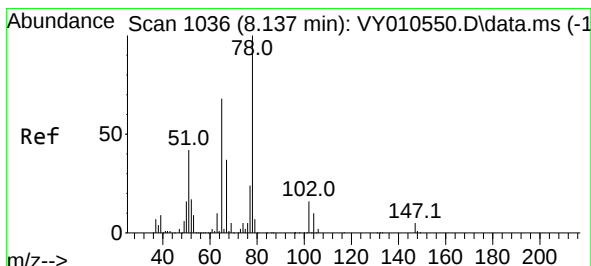
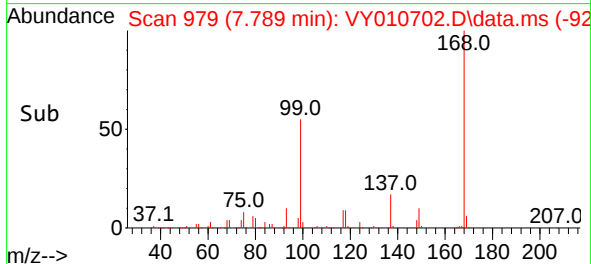
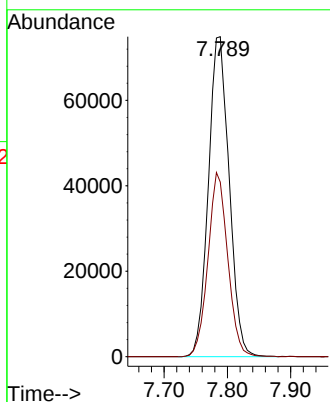
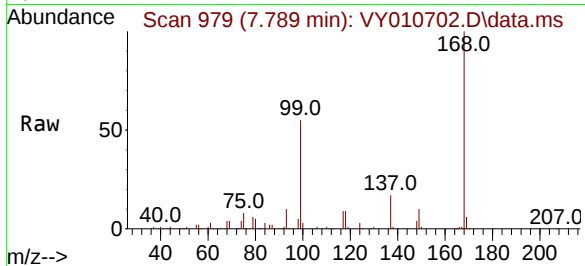




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010702.D
Acq: 27 Sep 2022 16:45

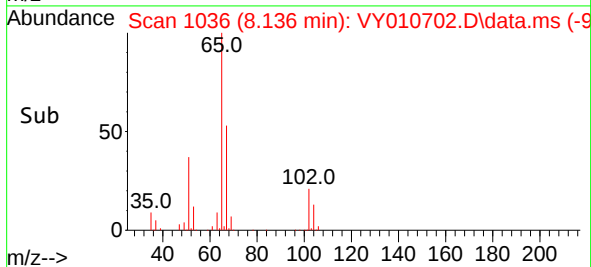
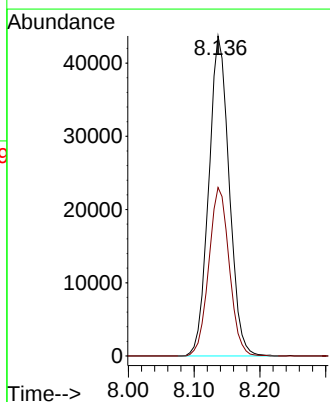
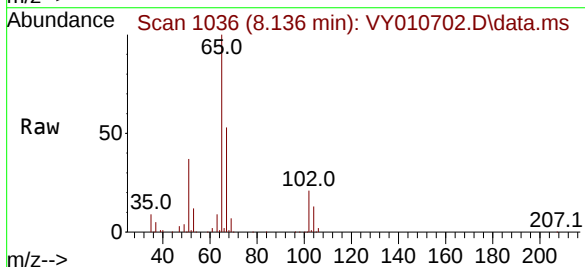
Instrument :
MSVOA_Y
ClientSampleId :
D22022-6-6.5

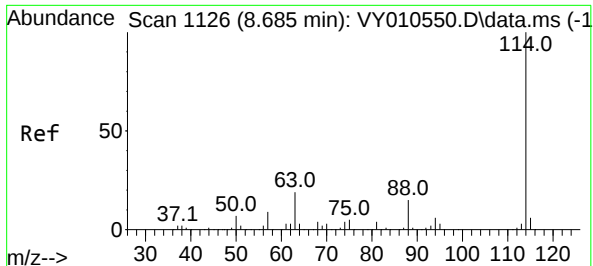
Tgt Ion:168 Resp: 170878
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.863 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010702.D
Acq: 27 Sep 2022 16:45

Tgt Ion: 65 Resp: 94572
Ion Ratio Lower Upper
65 100
67 52.6 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: VY010702.D

Acq: 27 Sep 2022 16:45

Instrument :

MSVOA_Y

ClientSampleId :

D22022-6-6.5

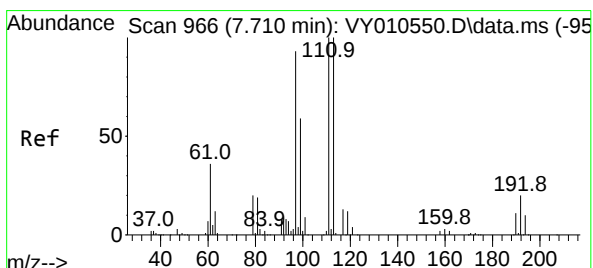
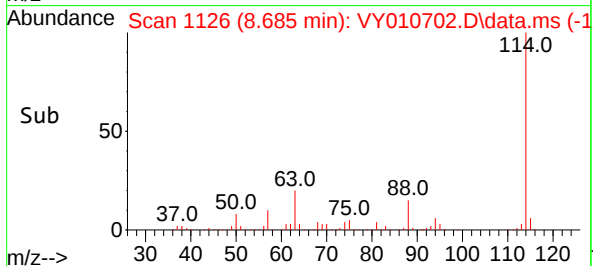
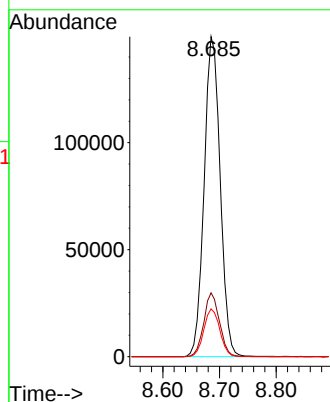
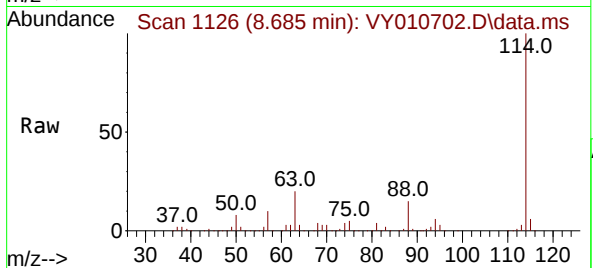
Tgt Ion:114 Resp: 293870

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.462 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010702.D

Acq: 27 Sep 2022 16:45

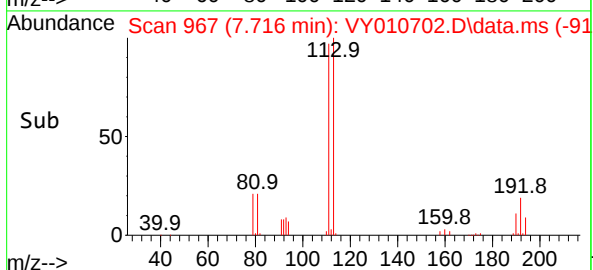
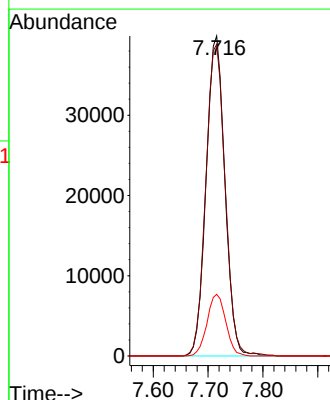
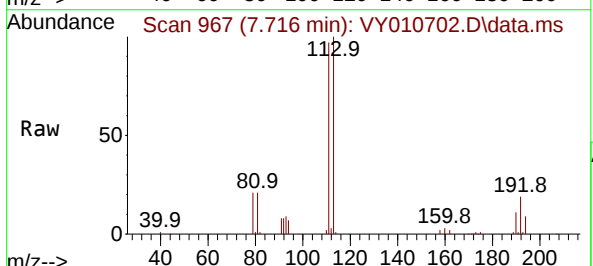
Tgt Ion:113 Resp: 94640

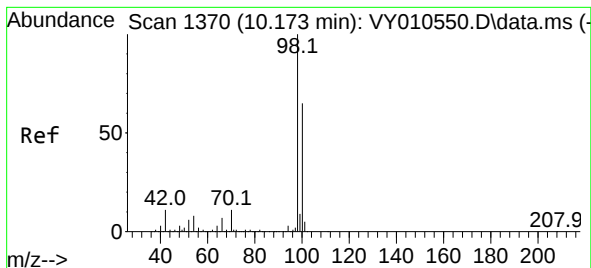
Ion Ratio Lower Upper

113 100

111 100.3 82.6 124.0

192 19.2 17.6 26.4





#50

Toluene-d8

Concen: 45.027 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010702.D

Acq: 27 Sep 2022 16:45

Instrument :

MSVOA_Y

ClientSampleId :

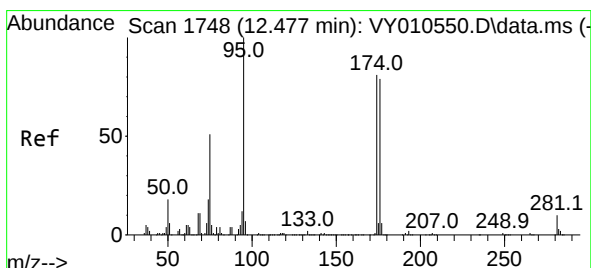
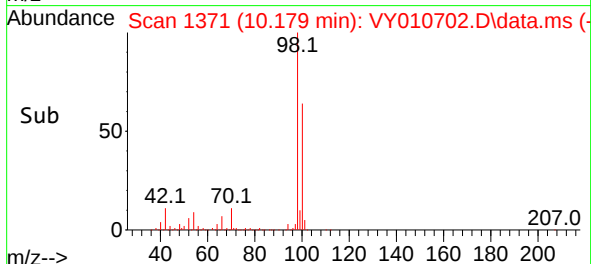
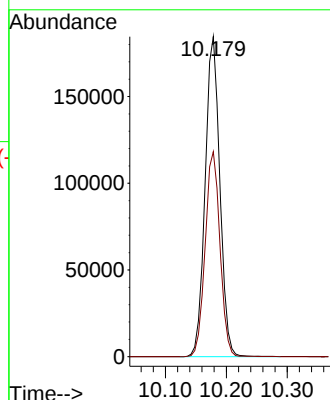
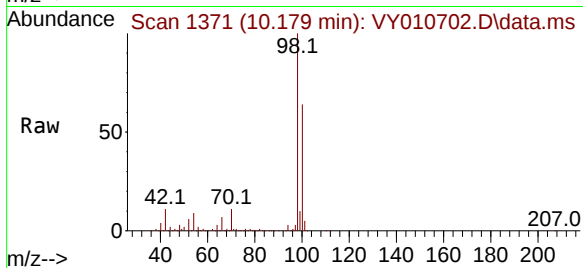
D22022-6-6.5

Tgt Ion: 98 Resp: 309799

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 42.900 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010702.D

Acq: 27 Sep 2022 16:45

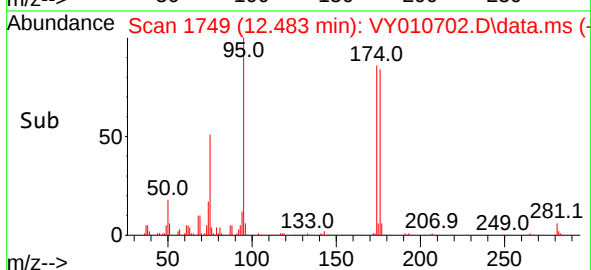
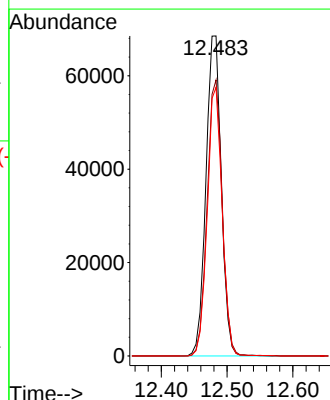
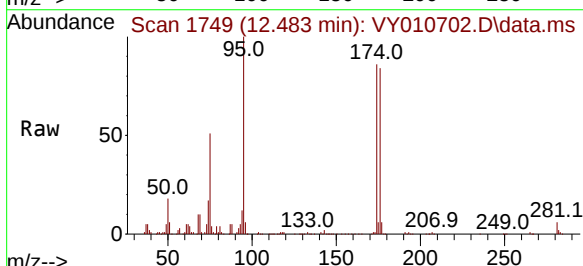
Tgt Ion: 95 Resp: 111343

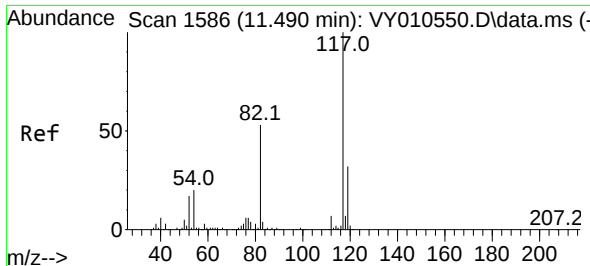
Ion Ratio Lower Upper

95 100

174 85.1 0.0 177.0

176 81.4 0.0 175.8

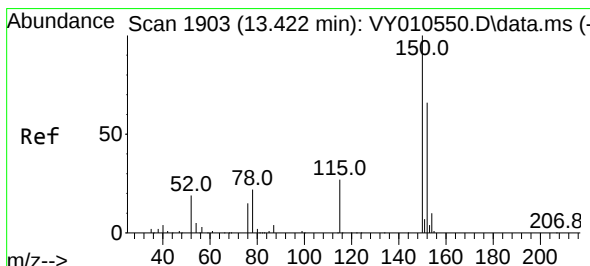
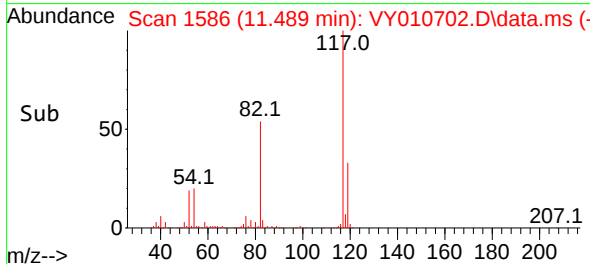
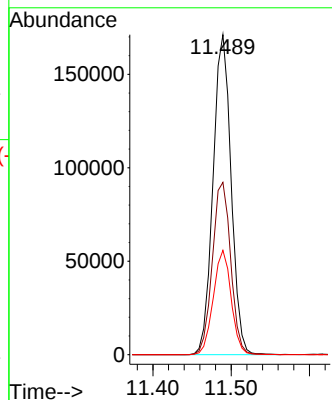
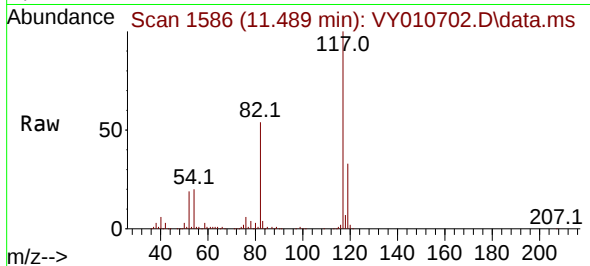




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010702.D
Acq: 27 Sep 2022 16:45

Instrument :
MSVOA_Y
ClientSampleId :
D22022-6-6.5

Tgt Ion:117 Resp: 274035
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.6 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: VY010702.D
Acq: 27 Sep 2022 16:45

Tgt Ion:152 Resp: 138094
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 157.3 0.0 347.6

