

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012079.D
 Acq On : 05 Jan 2023 16:51
 Operator : KP/MD
 Sample : 01030-01
 Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Jan 05 23:20:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	169631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104449	61.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.240%
35) Dibromofluoromethane	7.716	113	91332	51.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.220%
50) Toluene-d8	10.179	98	353224	49.198	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.477	95	118609	49.120	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.240%

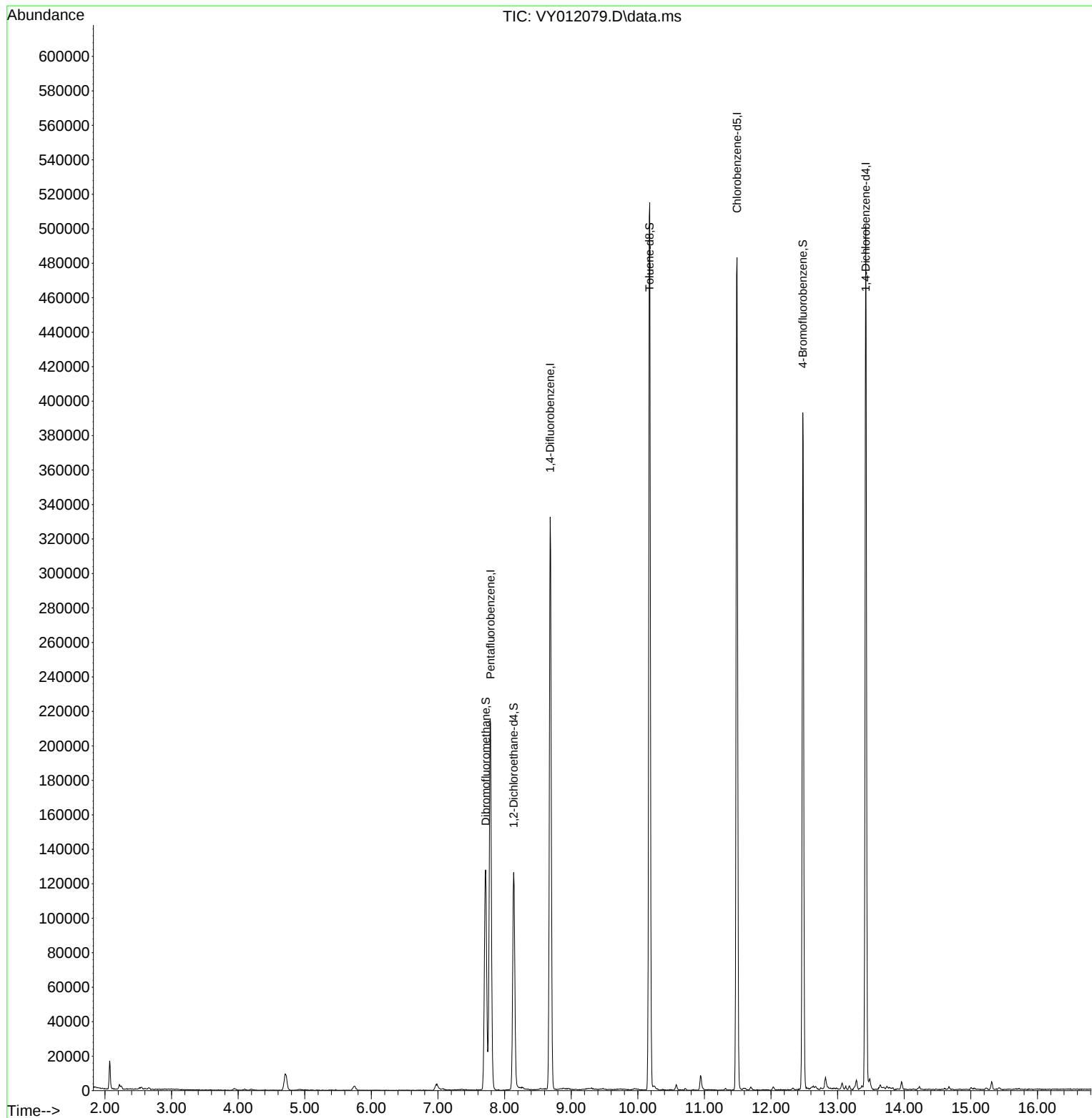
Target Compounds	Qvalue

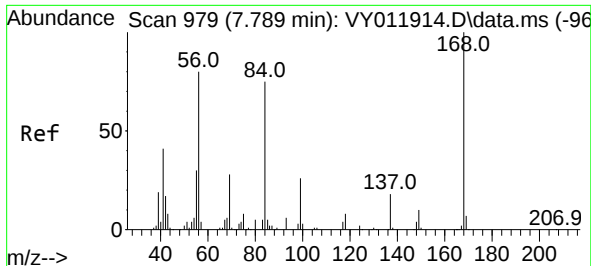
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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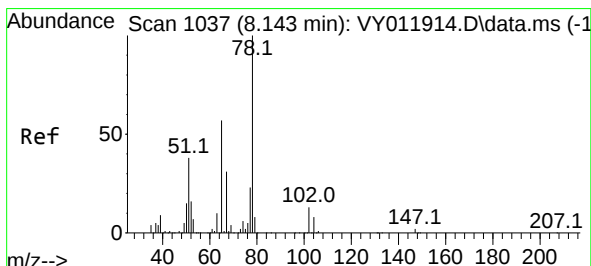
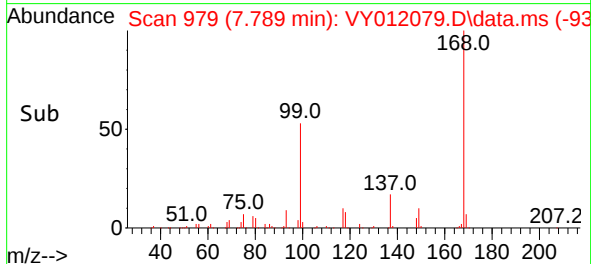
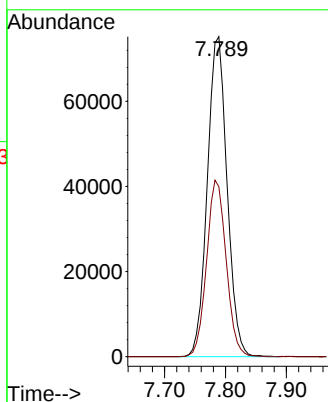
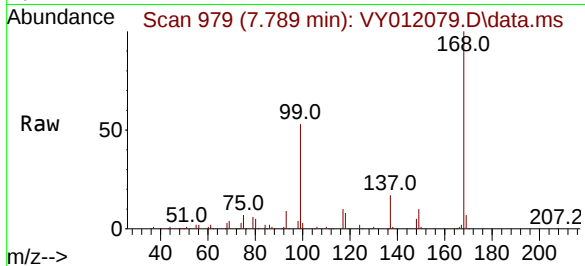




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

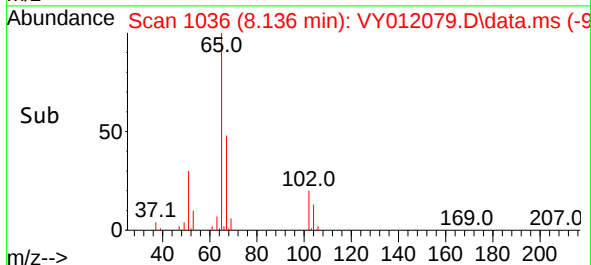
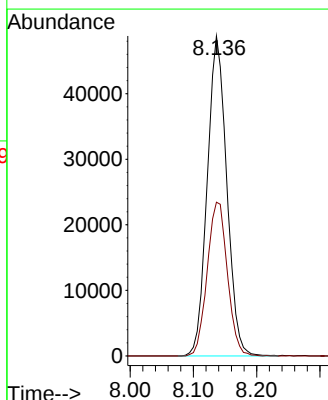
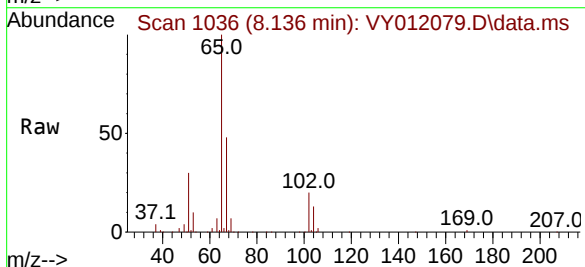
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

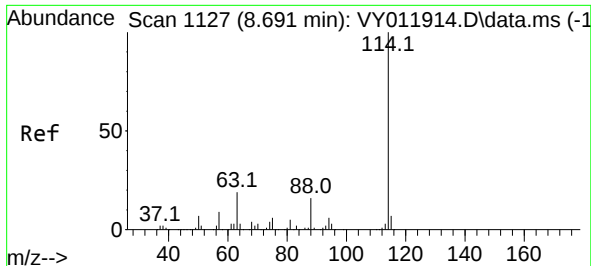
Tgt Ion:168 Resp: 169631
Ion Ratio Lower Upper
168 100
99 53.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 61.117 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

Tgt Ion: 65 Resp: 104449
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012079.D

Acq: 05 Jan 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

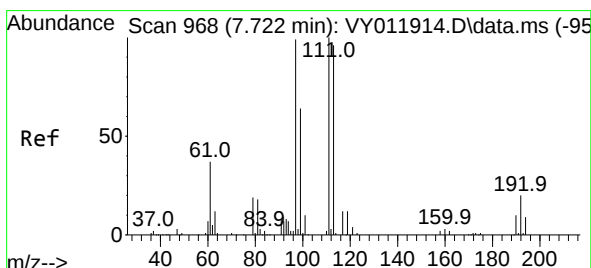
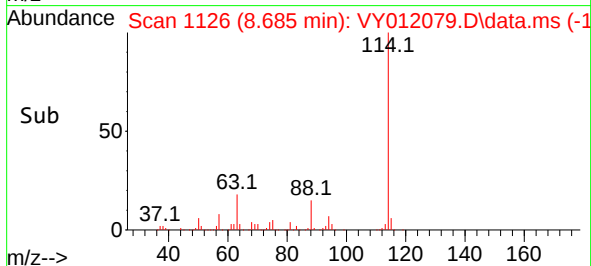
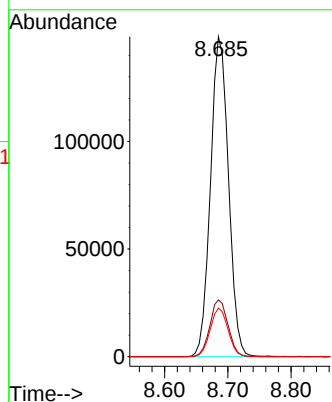
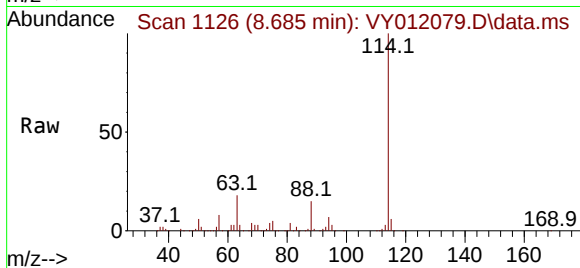
Tgt Ion:114 Resp: 293941

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.611 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012079.D

Acq: 05 Jan 2023 16:51

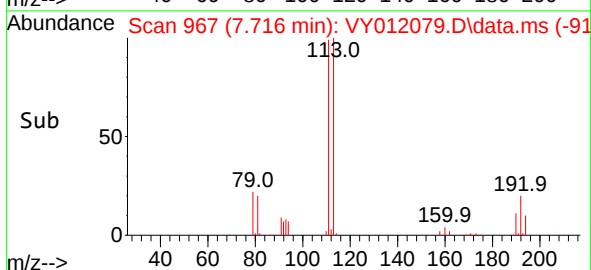
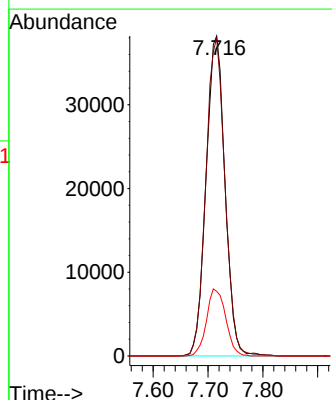
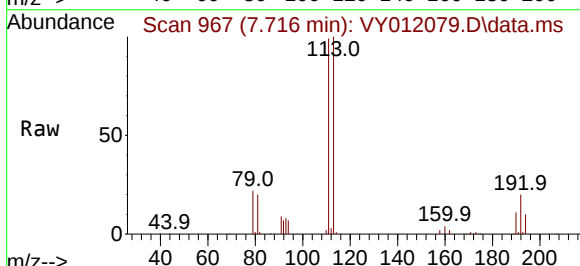
Tgt Ion:113 Resp: 91332

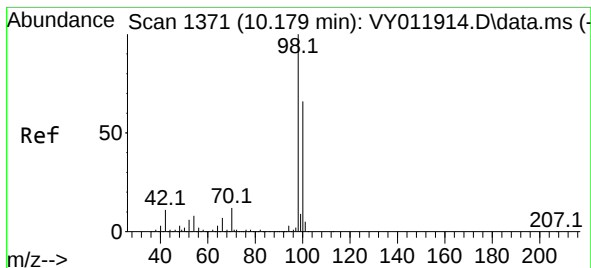
Ion Ratio Lower Upper

113 100

111 100.4 83.0 124.4

192 21.2 16.0 24.0

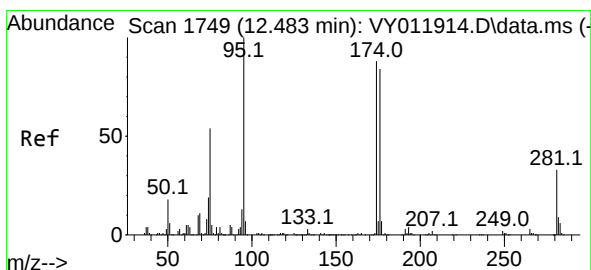
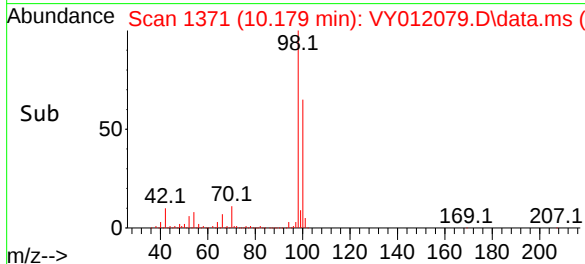
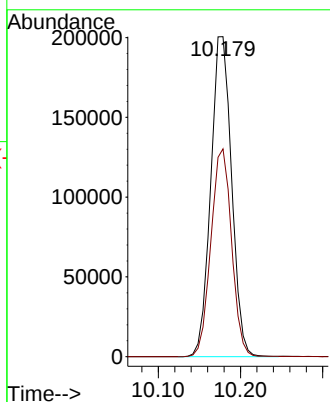
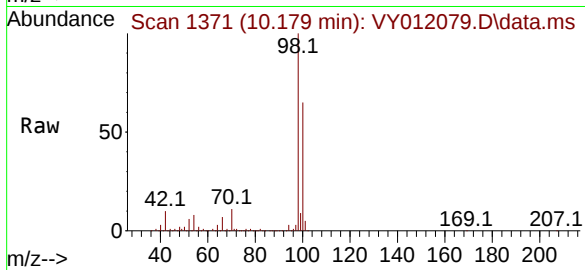




#50
Toluene-d8
Concen: 49.198 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

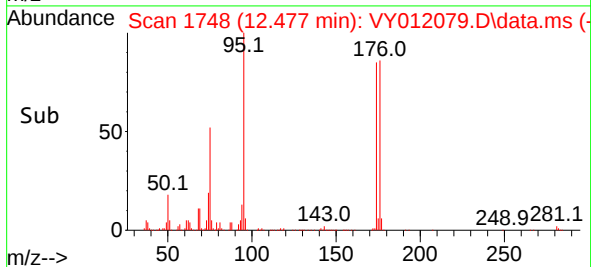
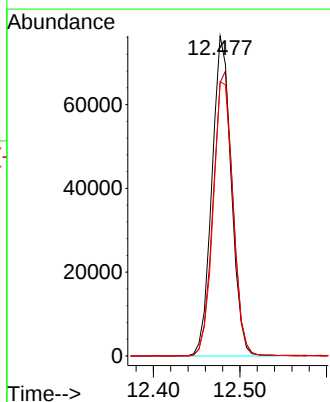
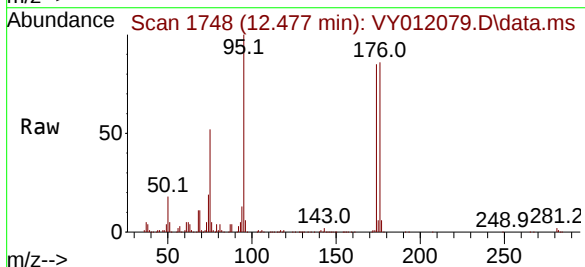
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

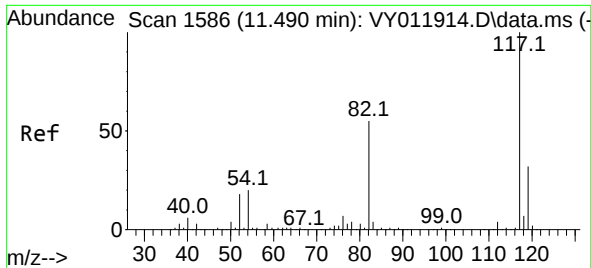
Tgt Ion: 98 Resp: 353224
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.120 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

Tgt Ion: 95 Resp: 118609
Ion Ratio Lower Upper
95 100
174 90.6 0.0 172.0
176 88.3 0.0 167.6

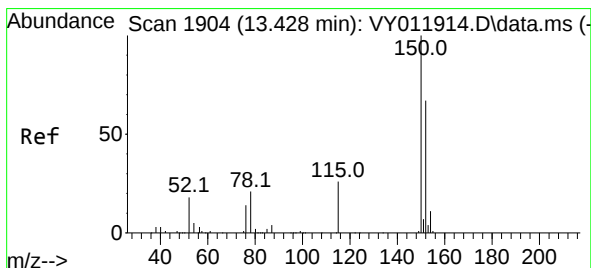
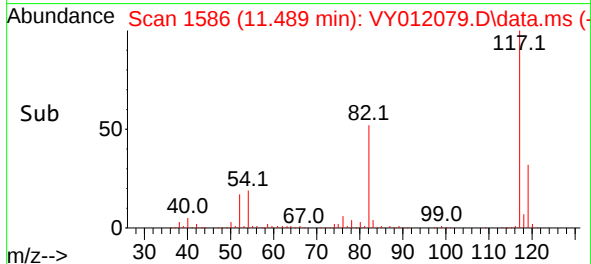
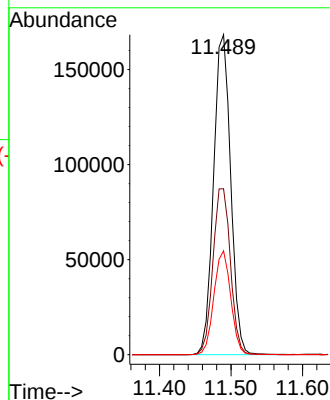
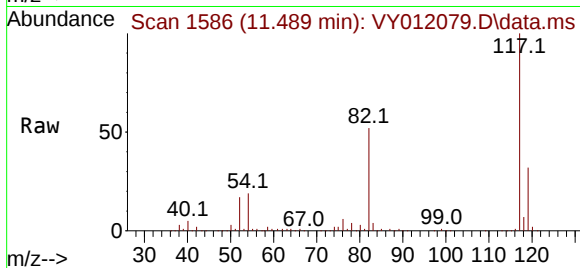




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

Instrument :
MSVOA_Y
ClientSampleId :
TP-5

Tgt Ion:117 Resp: 279849
Ion Ratio Lower Upper
117 100
82 51.9 44.8 67.2
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012079.D
Acq: 05 Jan 2023 16:51

Tgt Ion:152 Resp: 131541
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 156.9 0.0 342.6

