

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010423\
 Data File : VY012070.D
 Acq On : 04 Jan 2023 15:36
 Operator : KP/MD
 Sample : 01029-01
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-205

Quant Time: Jan 05 00:42:17 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	196912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	341940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157094	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117882	59.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.840%
35) Dibromofluoromethane	7.710	113	106868	51.914	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.820%
50) Toluene-d8	10.179	98	414315	49.606	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.477	95	141884	50.511	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.020%

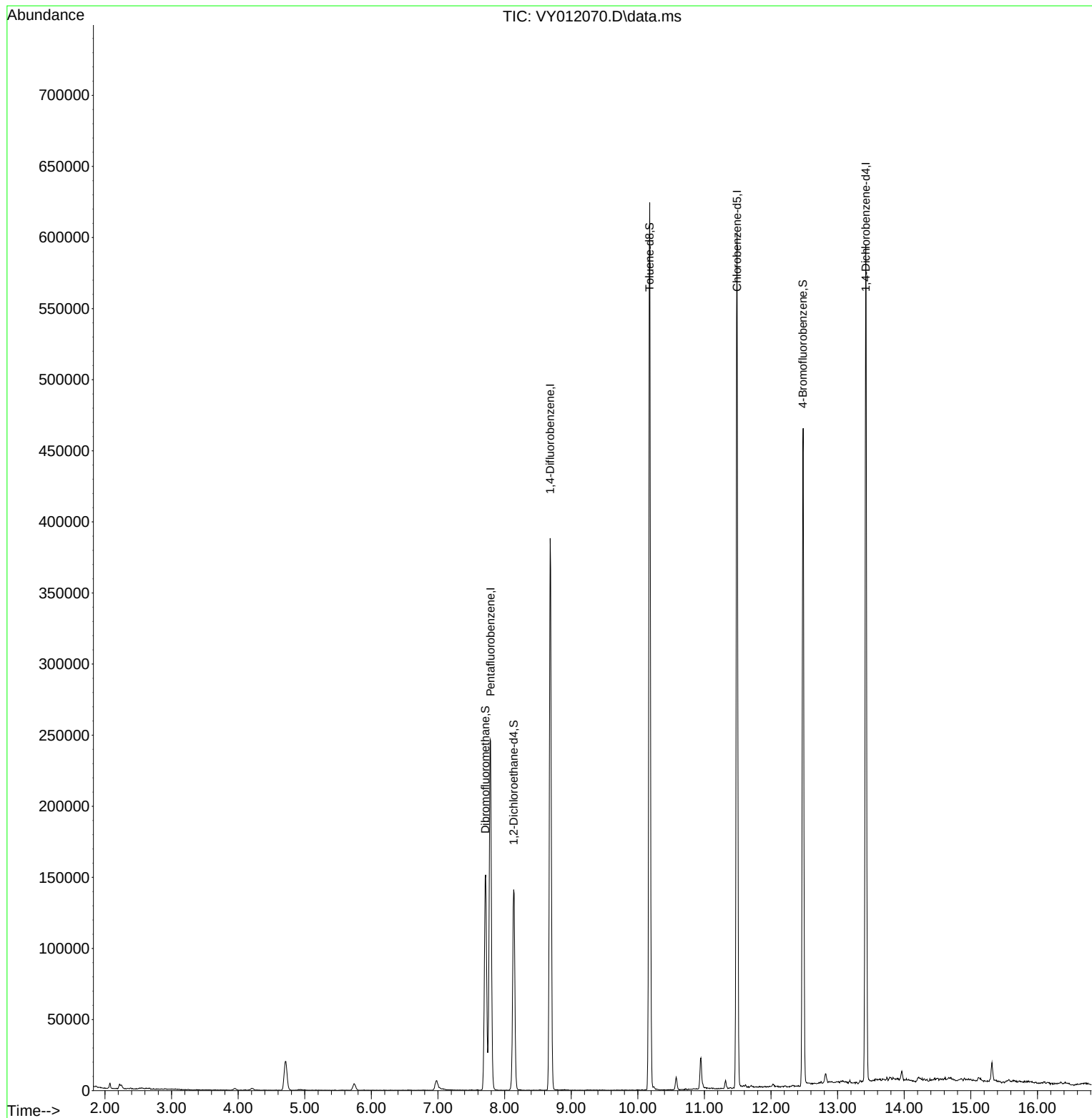
Target Compounds	Qvalue

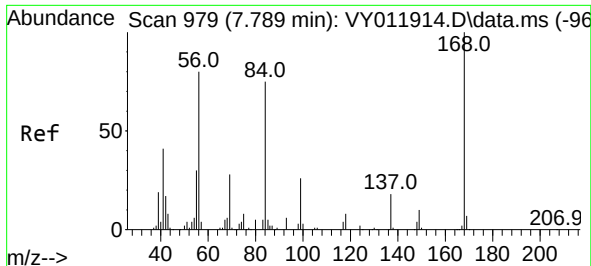
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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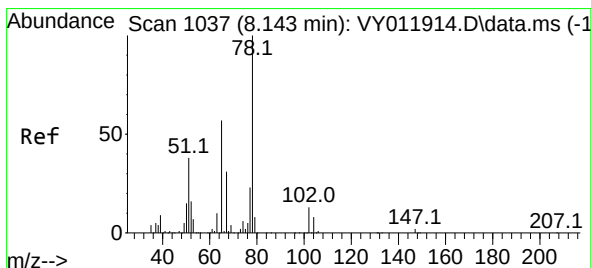
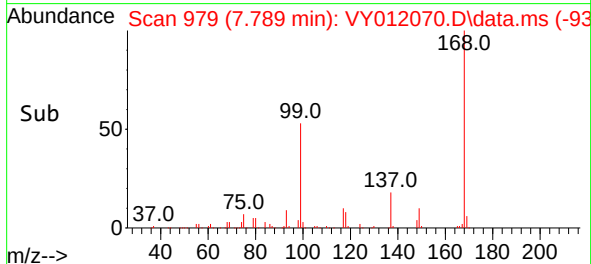
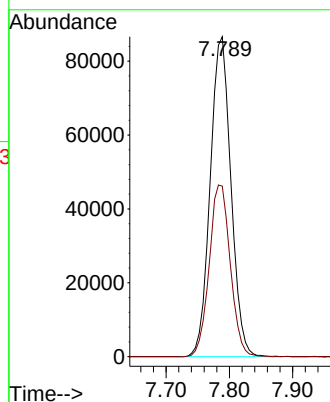
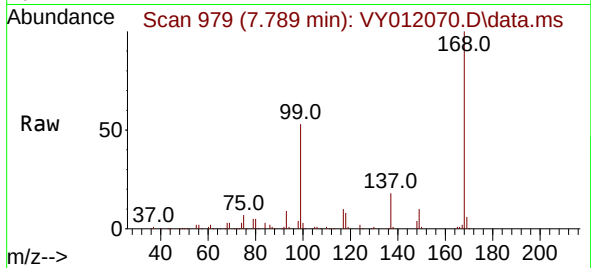




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012070.D
Acq: 04 Jan 2023 15:36

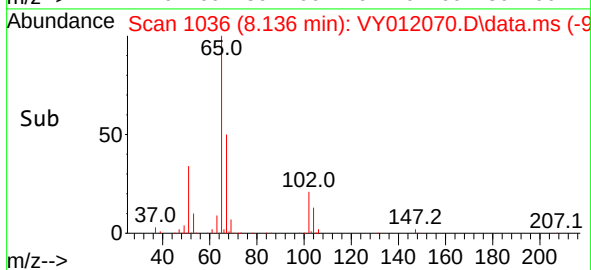
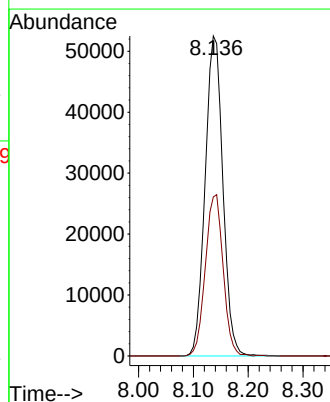
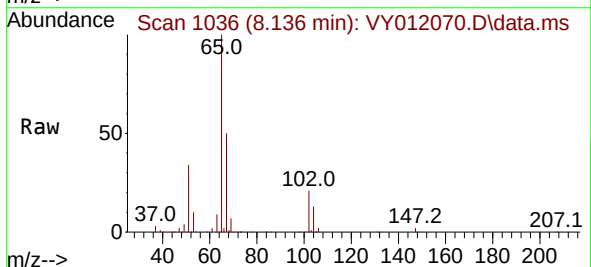
Instrument :
MSVOA_Y
ClientSampleId :
TP-205

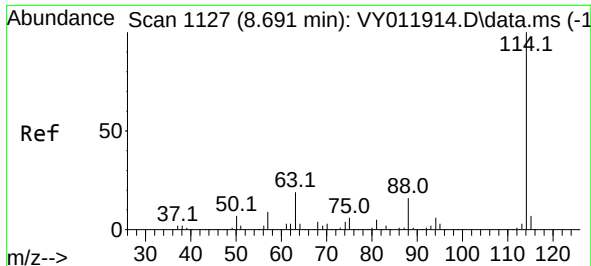
Tgt Ion:168 Resp: 196912
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 59.421 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012070.D
Acq: 04 Jan 2023 15:36

Tgt Ion: 65 Resp: 117882
Ion Ratio Lower Upper
65 100
67 50.4 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: VY012070.D

Acq: 04 Jan 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

TP-205

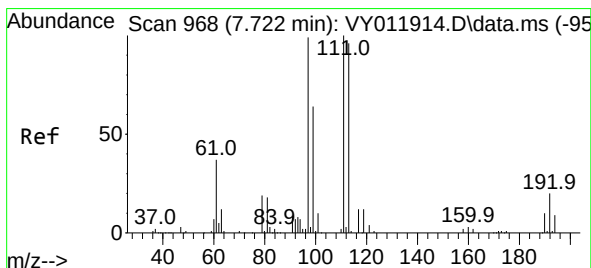
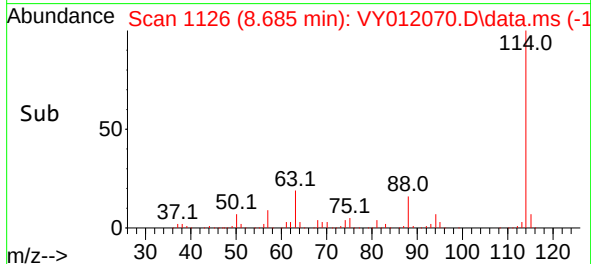
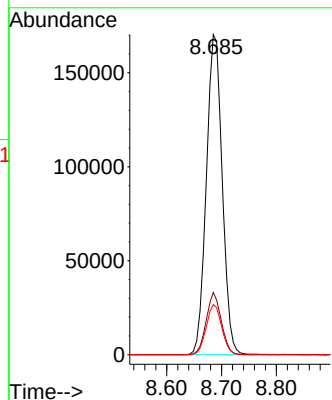
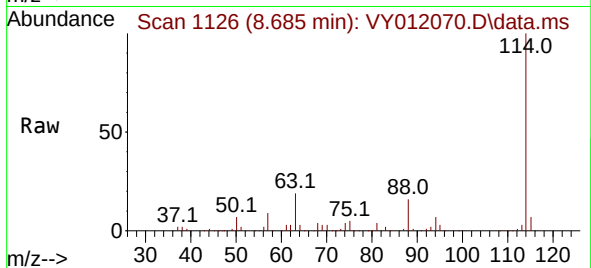
Tgt Ion:114 Resp: 341940

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.914 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012070.D

Acq: 04 Jan 2023 15:36

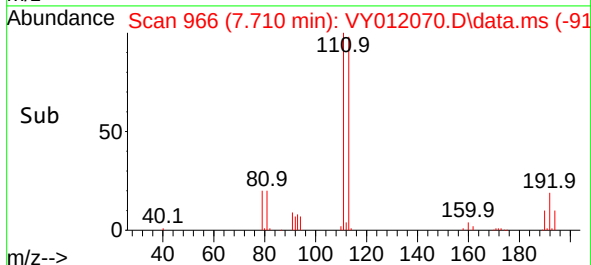
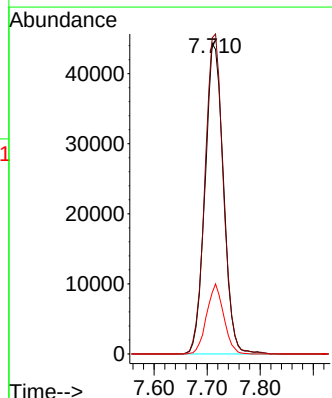
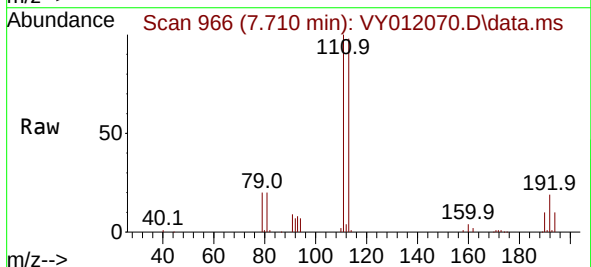
Tgt Ion:113 Resp: 106868

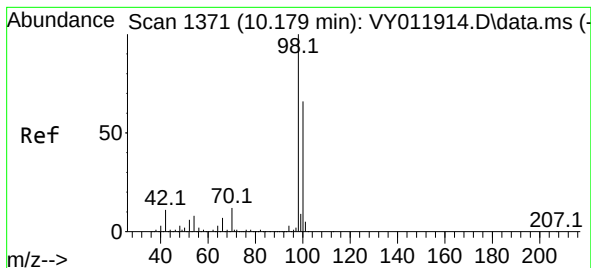
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

192 20.9 16.0 24.0

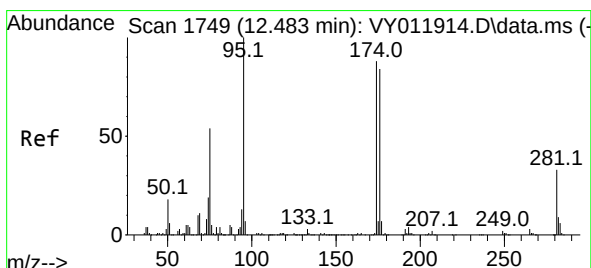
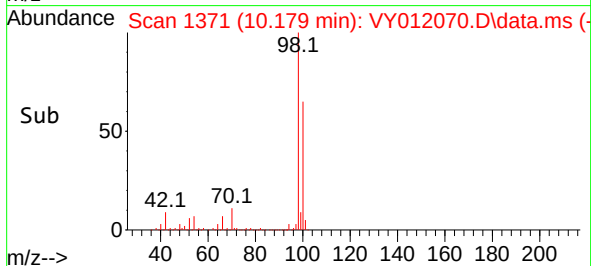
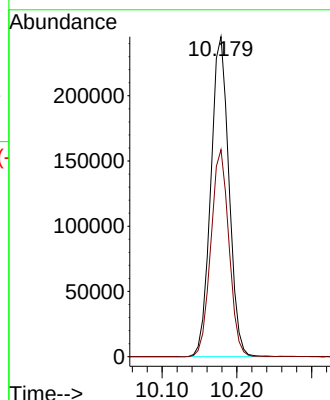
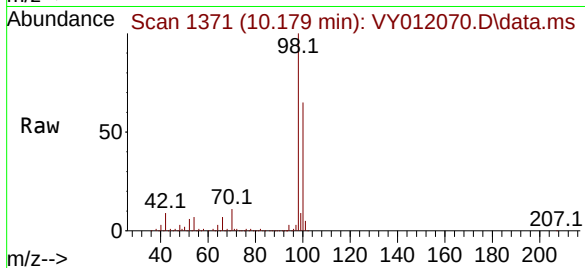




#50
Toluene-d8
Concen: 49.606 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012070.D
Acq: 04 Jan 2023 15:36

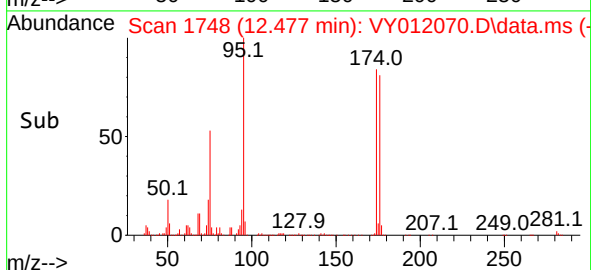
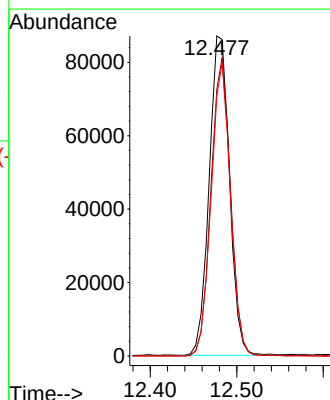
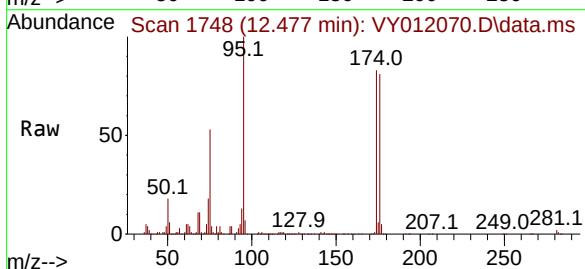
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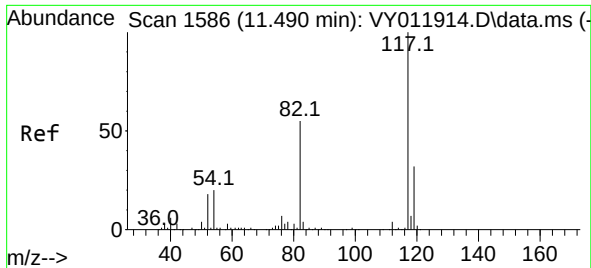
Tgt Ion: 98 Resp: 414315
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.511 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012070.D
Acq: 04 Jan 2023 15:36

Tgt Ion: 95 Resp: 141884
Ion Ratio Lower Upper
95 100
174 90.0 0.0 172.0
176 86.9 0.0 167.6

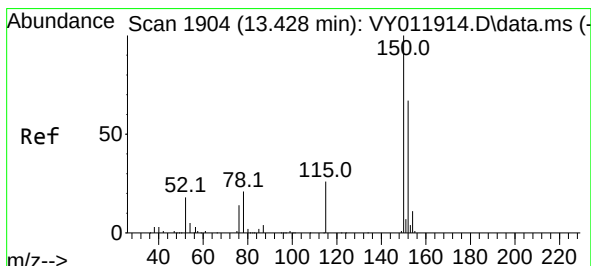
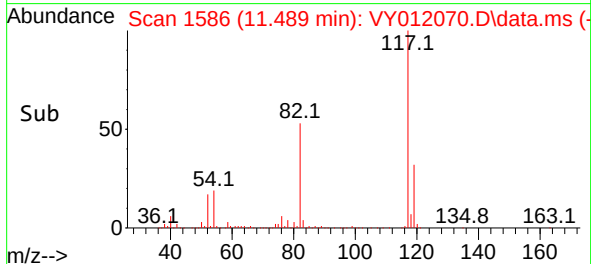
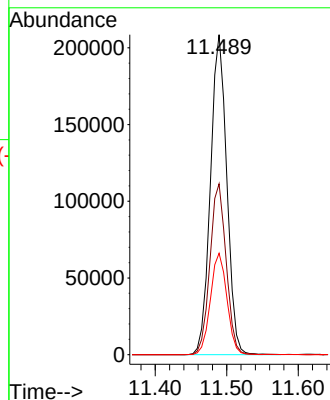
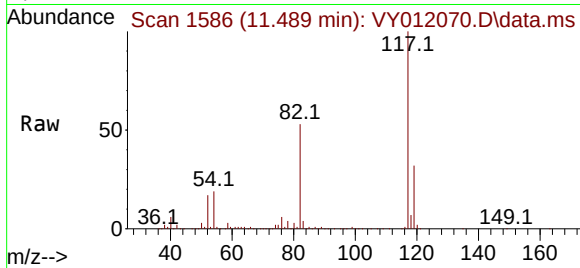




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012070.D
Acq: 04 Jan 2023 15:36

Instrument :
MSVOA_Y
ClientSampleId :
TP-205

Tgt Ion:117 Resp: 330538
Ion Ratio Lower Upper
117 100
82 53.4 44.8 67.2
119 31.7 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: VY012070.D
Acq: 04 Jan 2023 15:36

Tgt Ion:152 Resp: 157094
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.3
150 156.9 0.0 342.6

