

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015053.D
 Acq On : 11 Aug 2023 12:46
 Operator : SY/MD
 Sample : 03956-01
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP22

Quant Time: Aug 11 14:26:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	193384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	326541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124098	52.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.900%
35) Dibromofluoromethane	7.715	113	103724	49.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.340%
50) Toluene-d8	10.178	98	385538	48.507	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.477	95	142392	50.549	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.100%

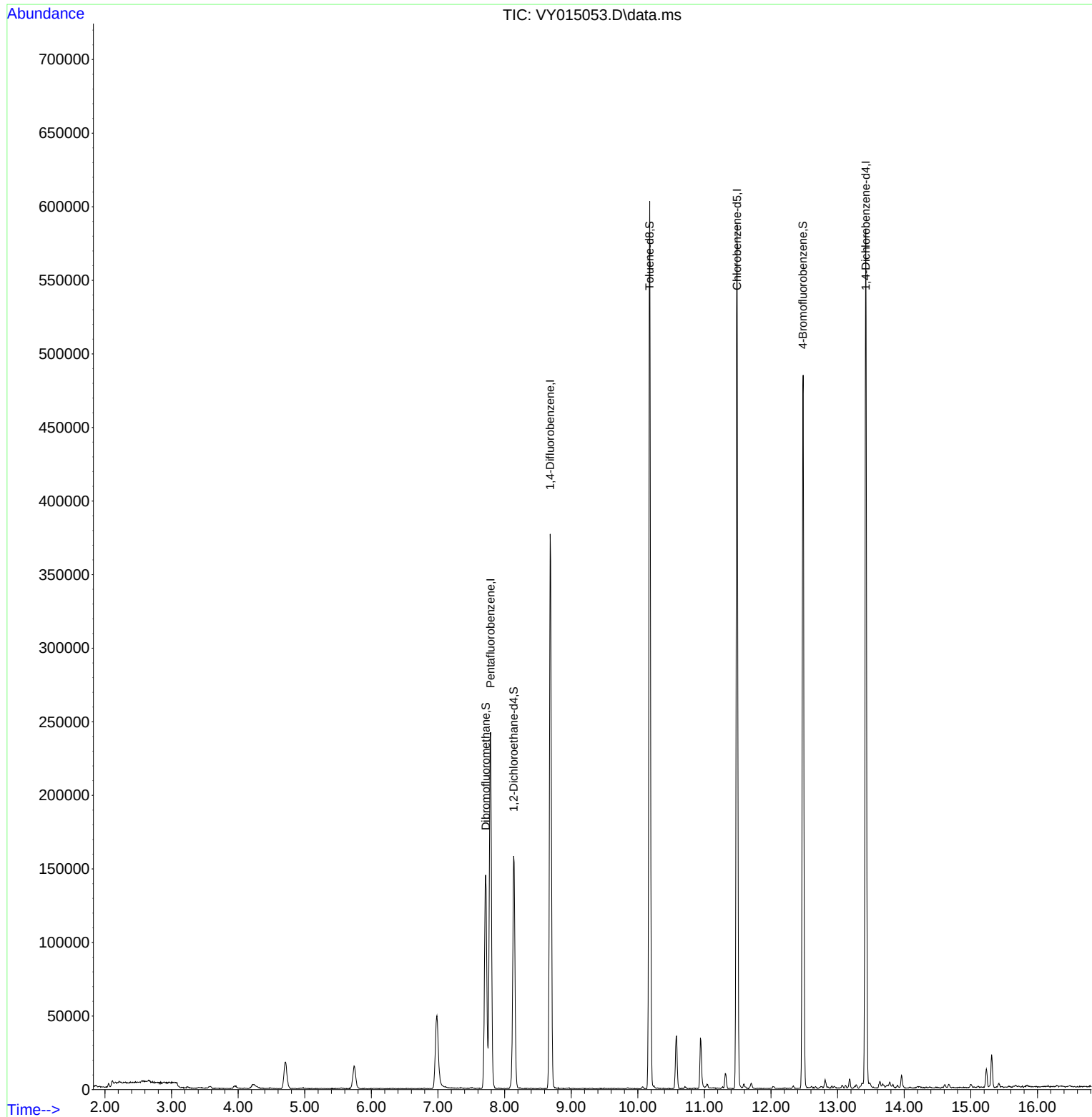
Target Compounds	Qvalue

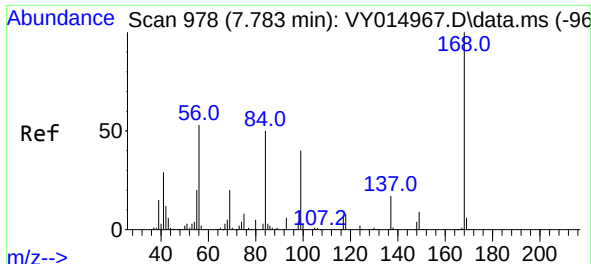
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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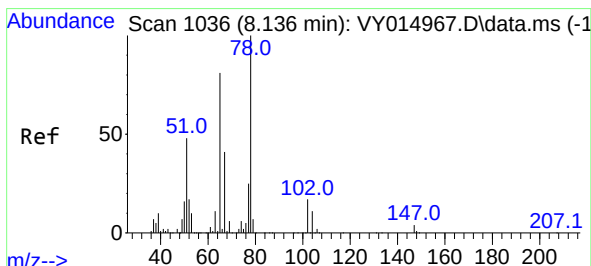
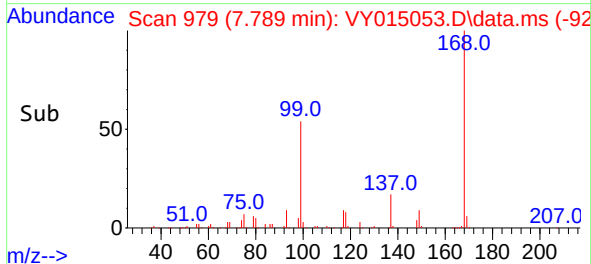
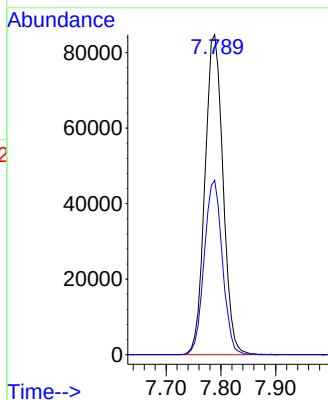
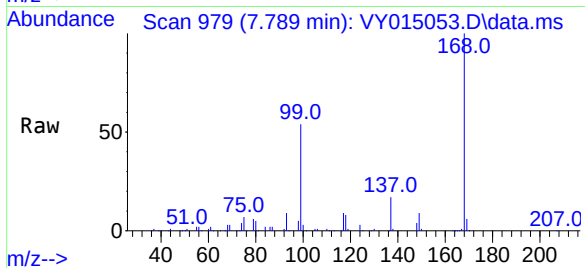




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015053.D
Acq: 11 Aug 2023 12:46

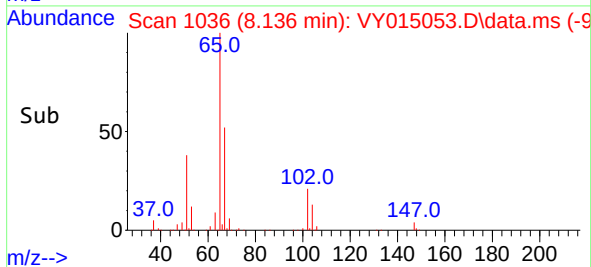
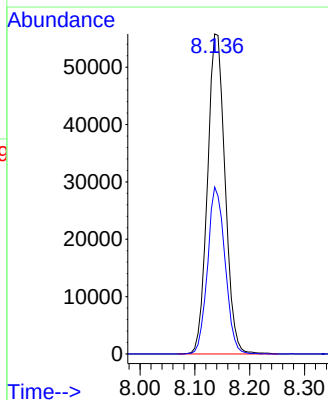
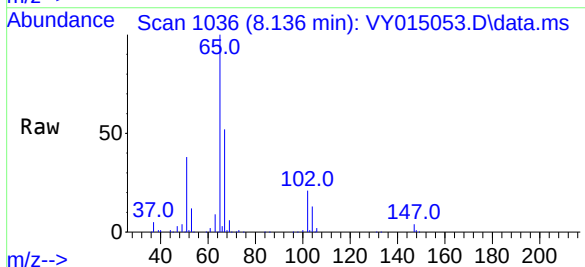
Instrument :
MSVOA_Y
ClientSampleId :
B-PP22

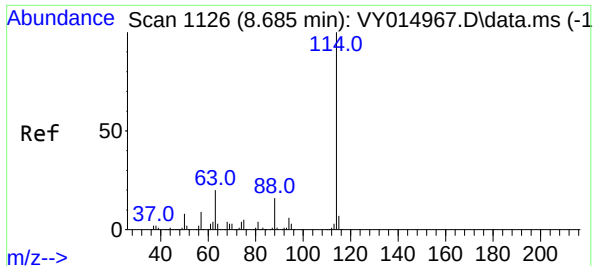
Tgt Ion:168 Resp: 193384
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.946 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015053.D
Acq: 11 Aug 2023 12:46

Tgt Ion: 65 Resp: 124098
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015053.D

Acq: 11 Aug 2023 12:46

Instrument :

MSVOA_Y

ClientSampleId :

B-PP22

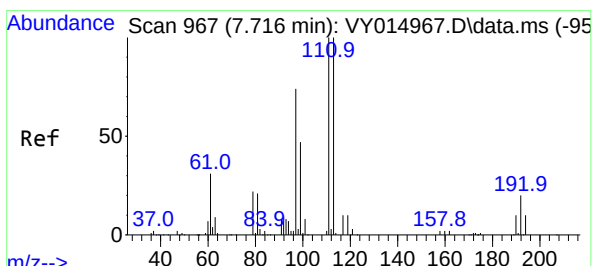
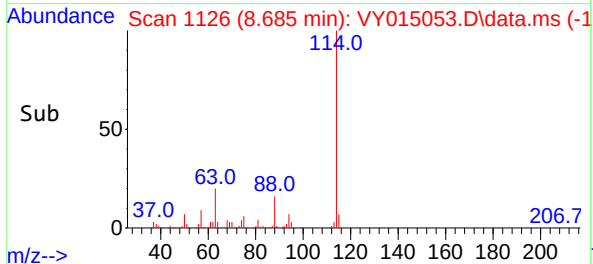
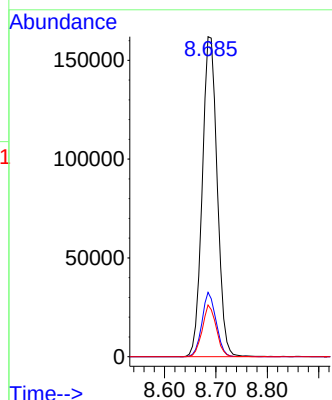
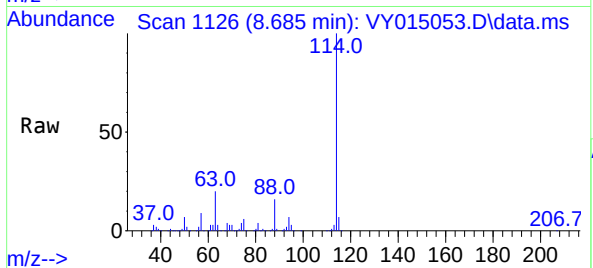
Tgt Ion:114 Resp: 326541

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.672 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015053.D

Acq: 11 Aug 2023 12:46

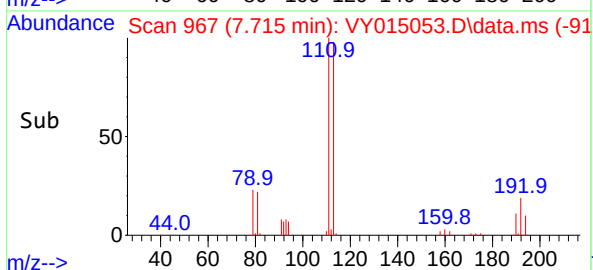
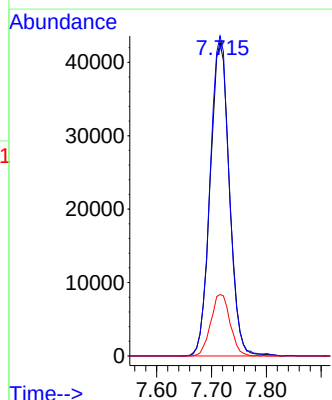
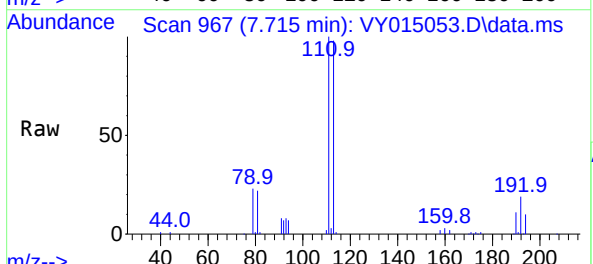
Tgt Ion:113 Resp: 103724

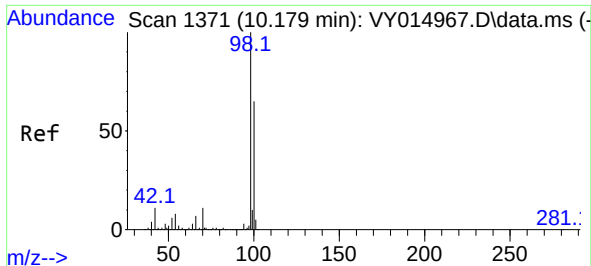
Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

192 19.7 16.9 25.3

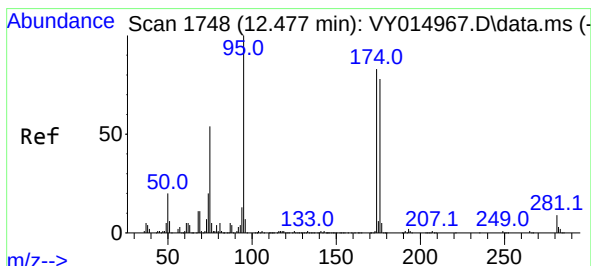
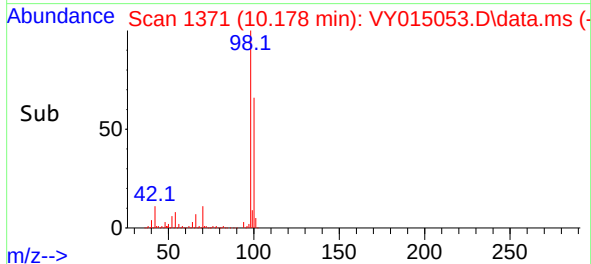
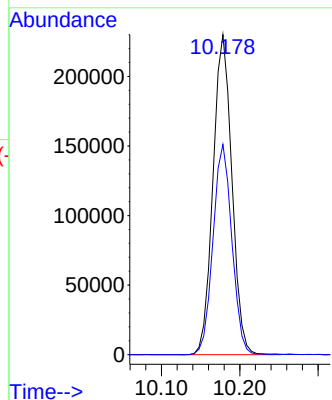
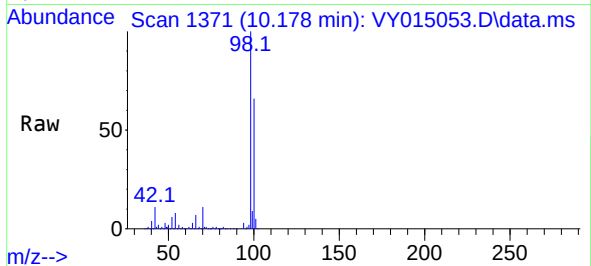




#50
Toluene-d8
Concen: 48.507 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015053.D
Acq: 11 Aug 2023 12:46

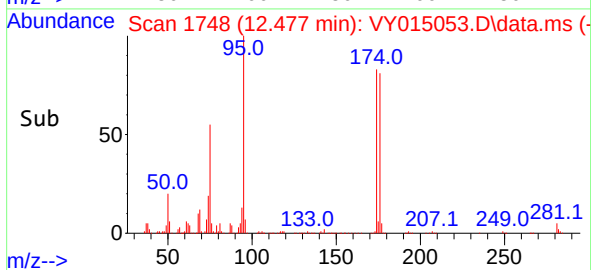
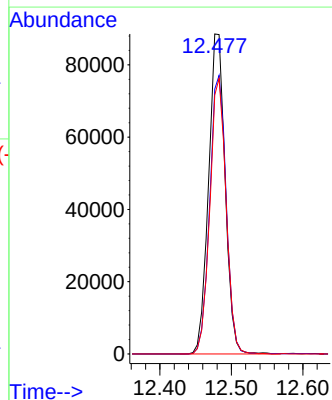
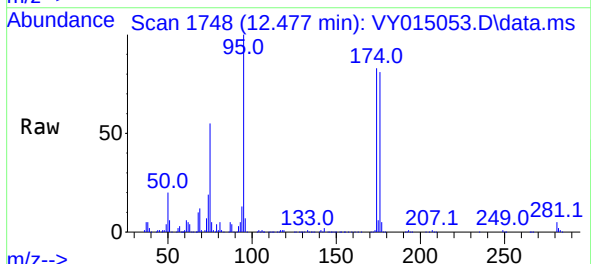
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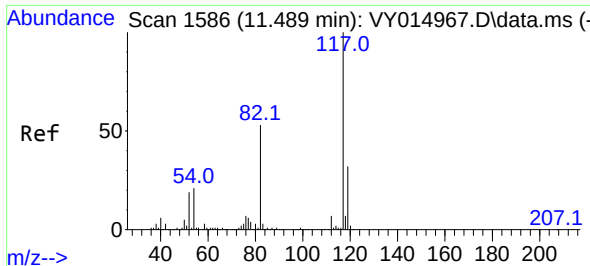
Tgt Ion: 98 Resp: 385538
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.549 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015053.D
Acq: 11 Aug 2023 12:46

Tgt Ion: 95 Resp: 142392
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 84.4 0.0 173.8

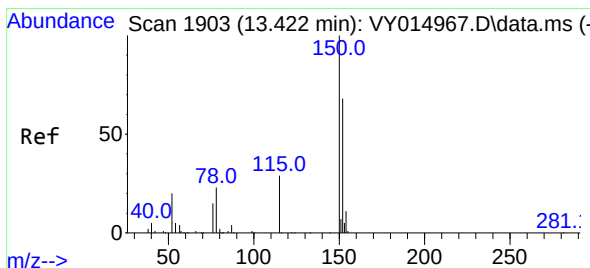
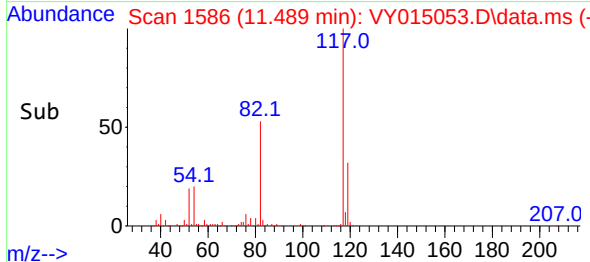
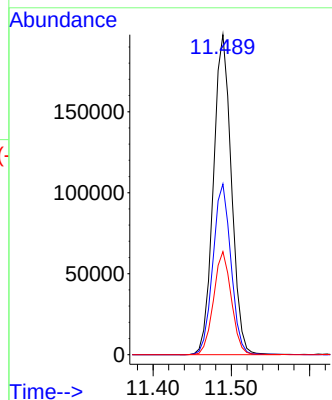
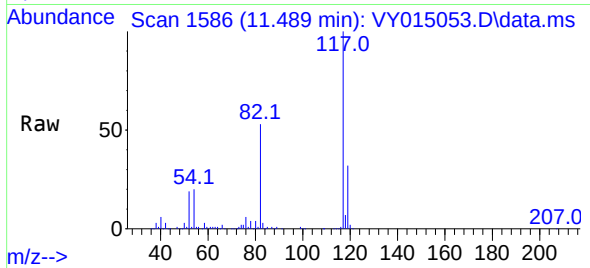




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY015053.D
Acq: 11 Aug 2023 12:46

Instrument :
MSVOA_Y
ClientSampleId :
B-PP22

Tgt Ion:117 Resp: 315789
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015053.D
Acq: 11 Aug 2023 12:46

Tgt Ion:152 Resp: 148951
Ion Ratio Lower Upper
152 100
115 58.5 28.8 86.5
150 156.9 0.0 348.8

