

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014107.D
 Acq On : 09 Jun 2023 20:08
 Operator : KP/MD
 Sample : 03094-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1RE

Quant Time: Jun 10 05:16:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	93361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	147210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	136934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53780	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	54561	41.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.940%
35) Dibromofluoromethane	7.722	113	47885	45.868	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.740%
50) Toluene-d8	10.179	98	176472	45.214	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.420%
62) 4-Bromofluorobenzene	12.483	95	50431	36.374	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.740%

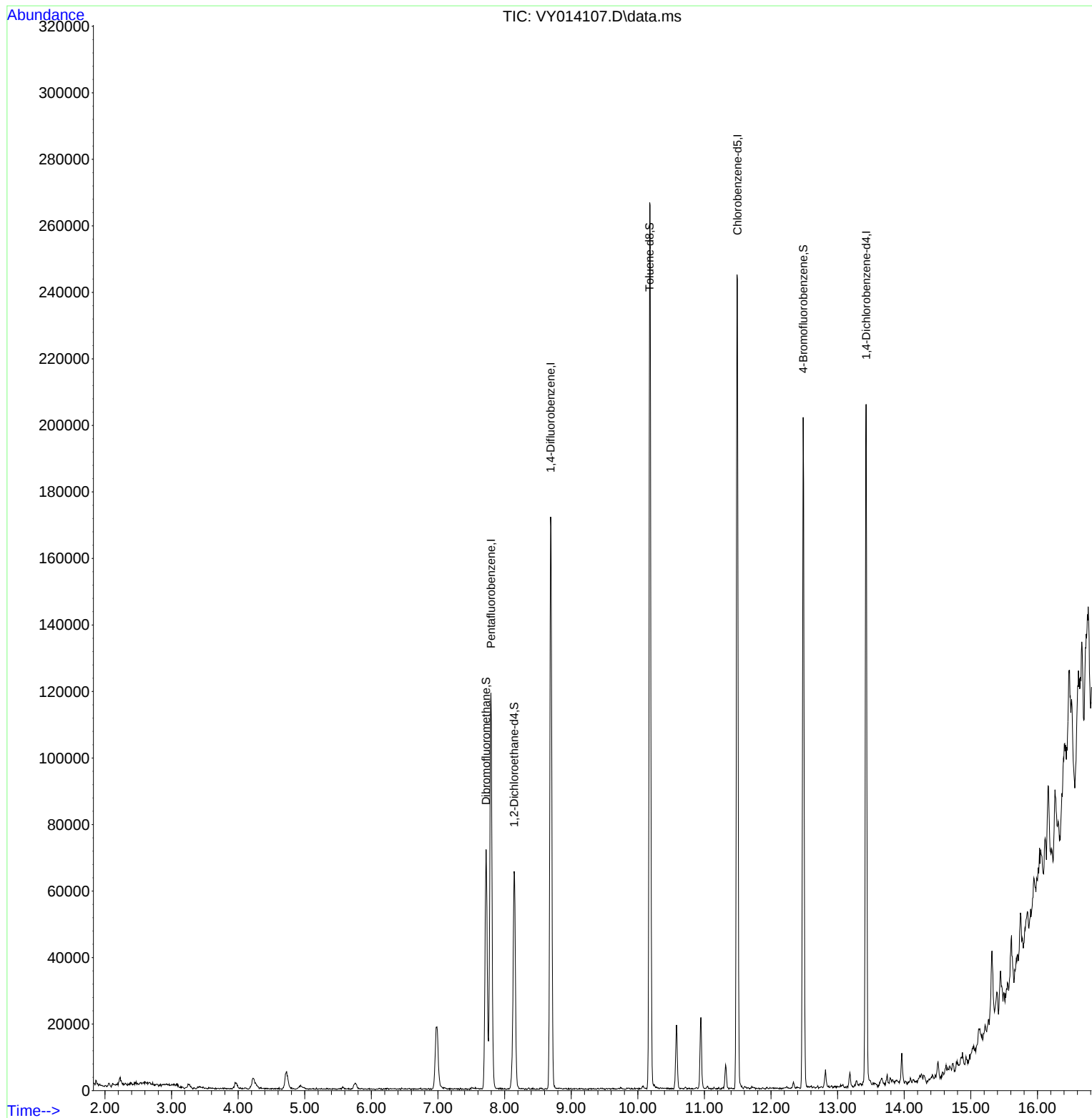
Target Compounds	Qvalue

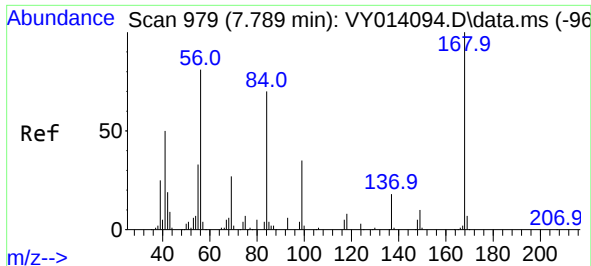
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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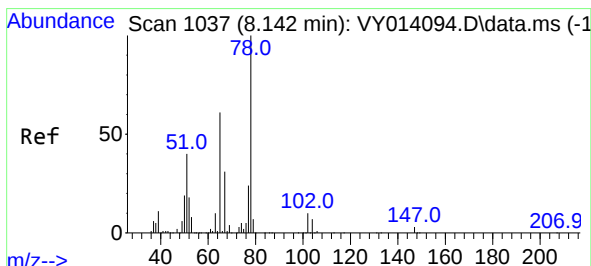
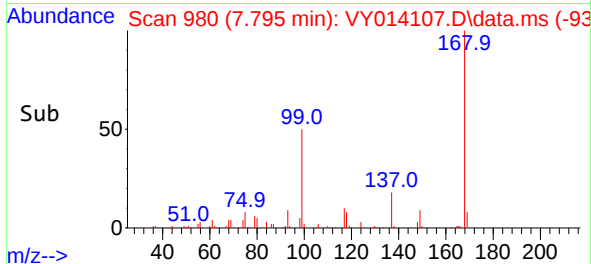
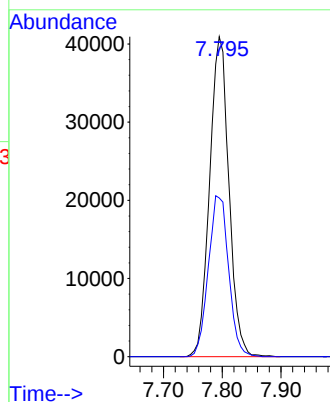
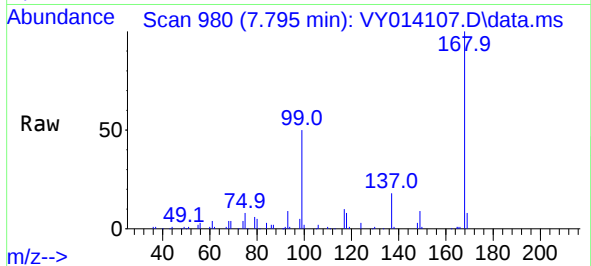




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014107.D
Acq: 09 Jun 2023 20:08

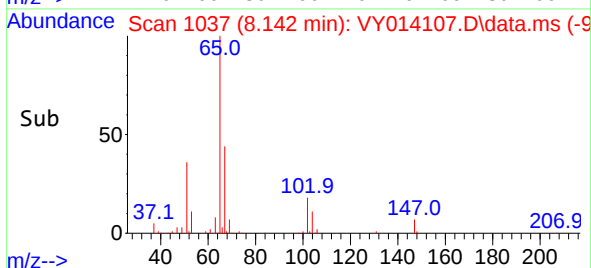
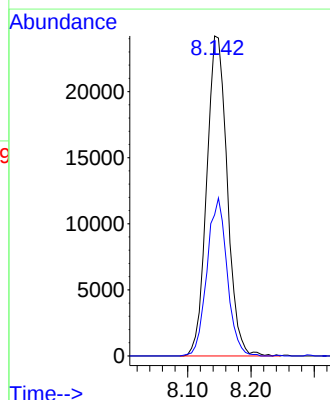
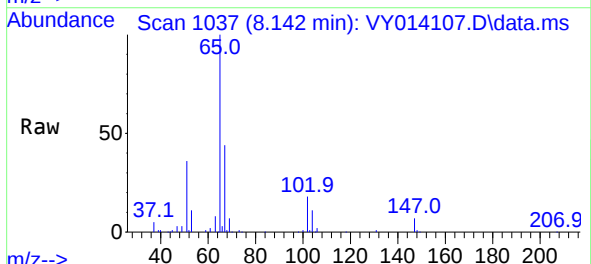
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

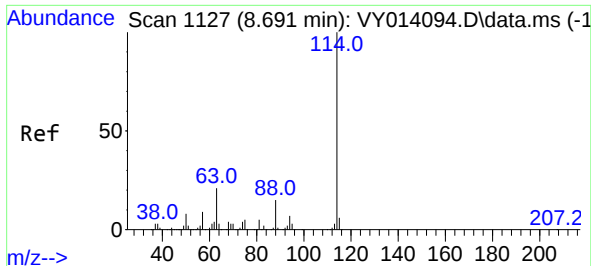
Tgt Ion:168 Resp: 93361
Ion Ratio Lower Upper
168 100
99 49.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 41.968 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014107.D
Acq: 09 Jun 2023 20:08

Tgt Ion: 65 Resp: 54561
Ion Ratio Lower Upper
65 100
67 48.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014107.D

Acq: 09 Jun 2023 20:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-1RE

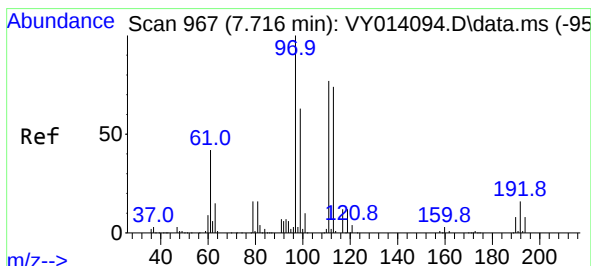
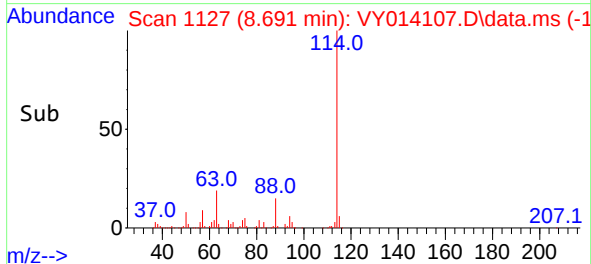
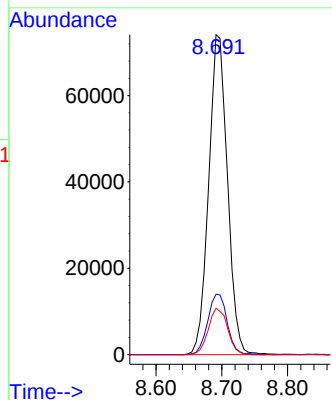
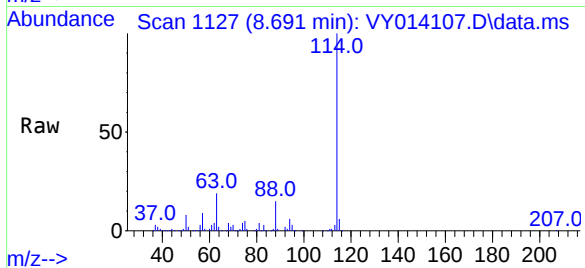
Tgt Ion:114 Resp: 147210

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.868 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014107.D

Acq: 09 Jun 2023 20:08

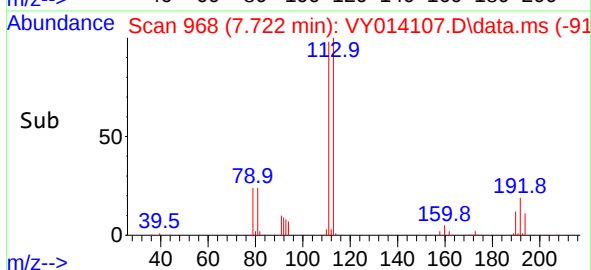
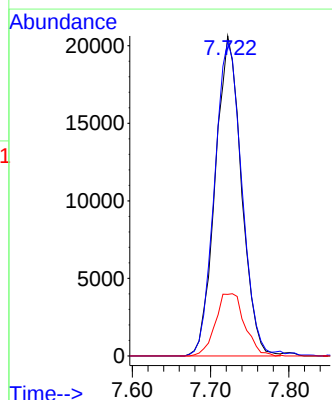
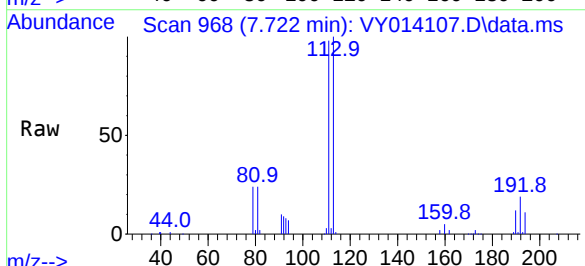
Tgt Ion:113 Resp: 47885

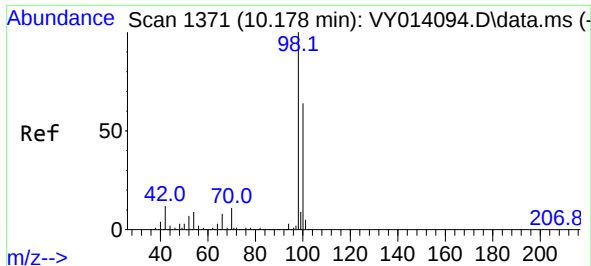
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 21.6 16.9 25.3

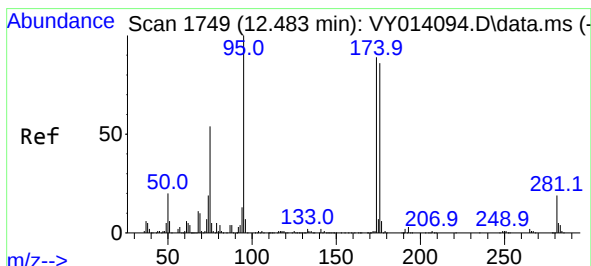
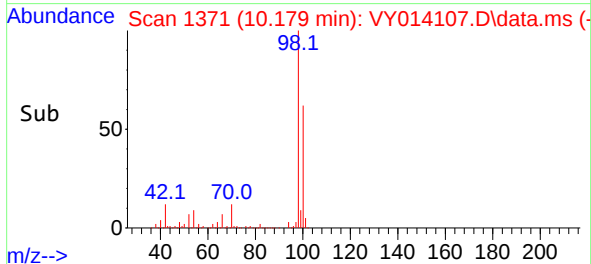
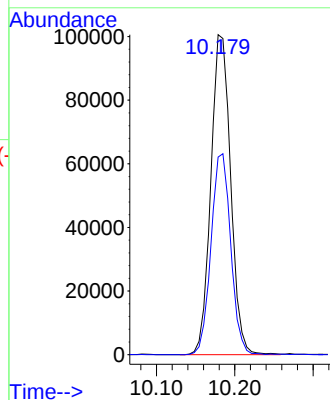
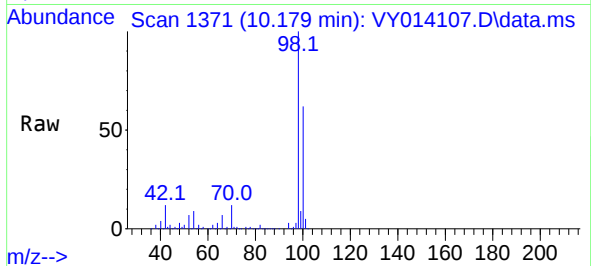




#50
Toluene-d8
Concen: 45.214 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014107.D
Acq: 09 Jun 2023 20:08

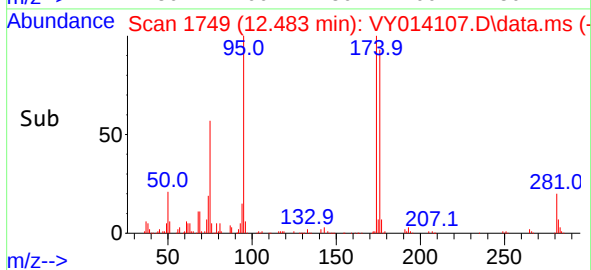
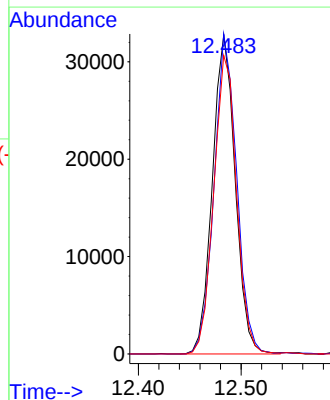
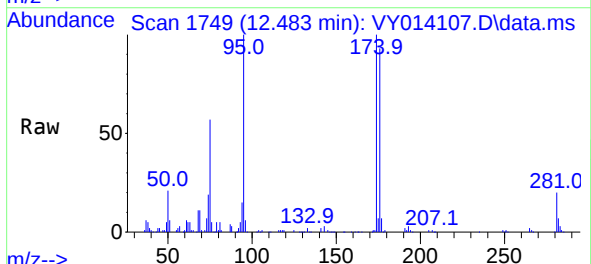
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

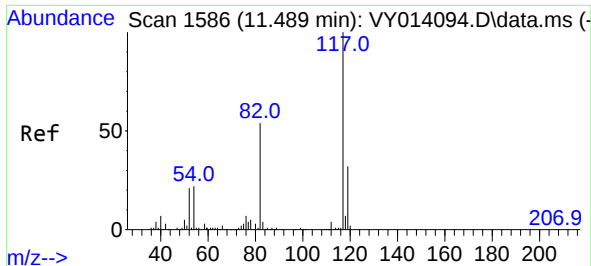
Tgt Ion: 98 Resp: 176472
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 36.374 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014107.D
Acq: 09 Jun 2023 20:08

Tgt Ion: 95 Resp: 50431
Ion Ratio Lower Upper
95 100
174 98.9 0.0 178.2
176 93.8 0.0 173.8

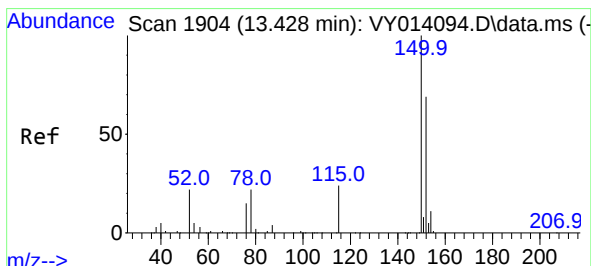
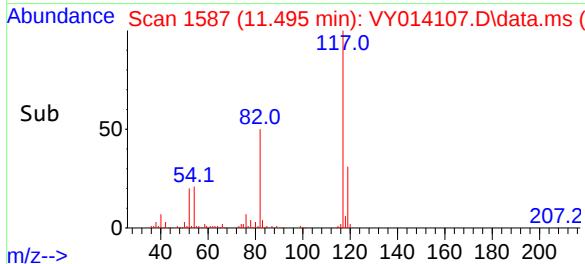
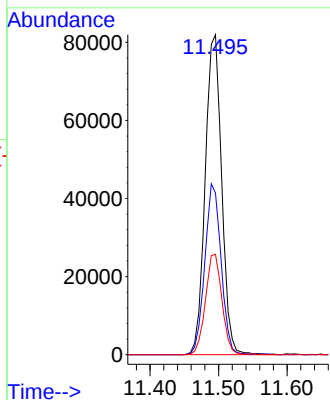
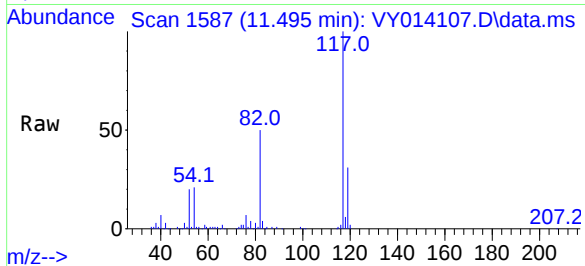




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014107.D
Acq: 09 Jun 2023 20:08

Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

Tgt Ion:117 Resp: 136934
Ion Ratio Lower Upper
117 100
82 50.5 43.4 65.0
119 31.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014107.D
Acq: 09 Jun 2023 20:08

Tgt Ion:152 Resp: 53780
Ion Ratio Lower Upper
152 100
115 56.4 28.8 86.5
150 157.4 0.0 348.8

