

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014036.D
 Acq On : 06 Jun 2023 17:22
 Operator : KP/MD
 Sample : 03029-01
 Misc : 5.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Jun 07 01:40:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	146995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	260104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	276506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137648	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	112115	57.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.240%
35) Dibromofluoromethane	7.716	113	89207	53.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.940%
50) Toluene-d8	10.179	98	325555	51.633	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.477	95	116492	54.193	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.380%

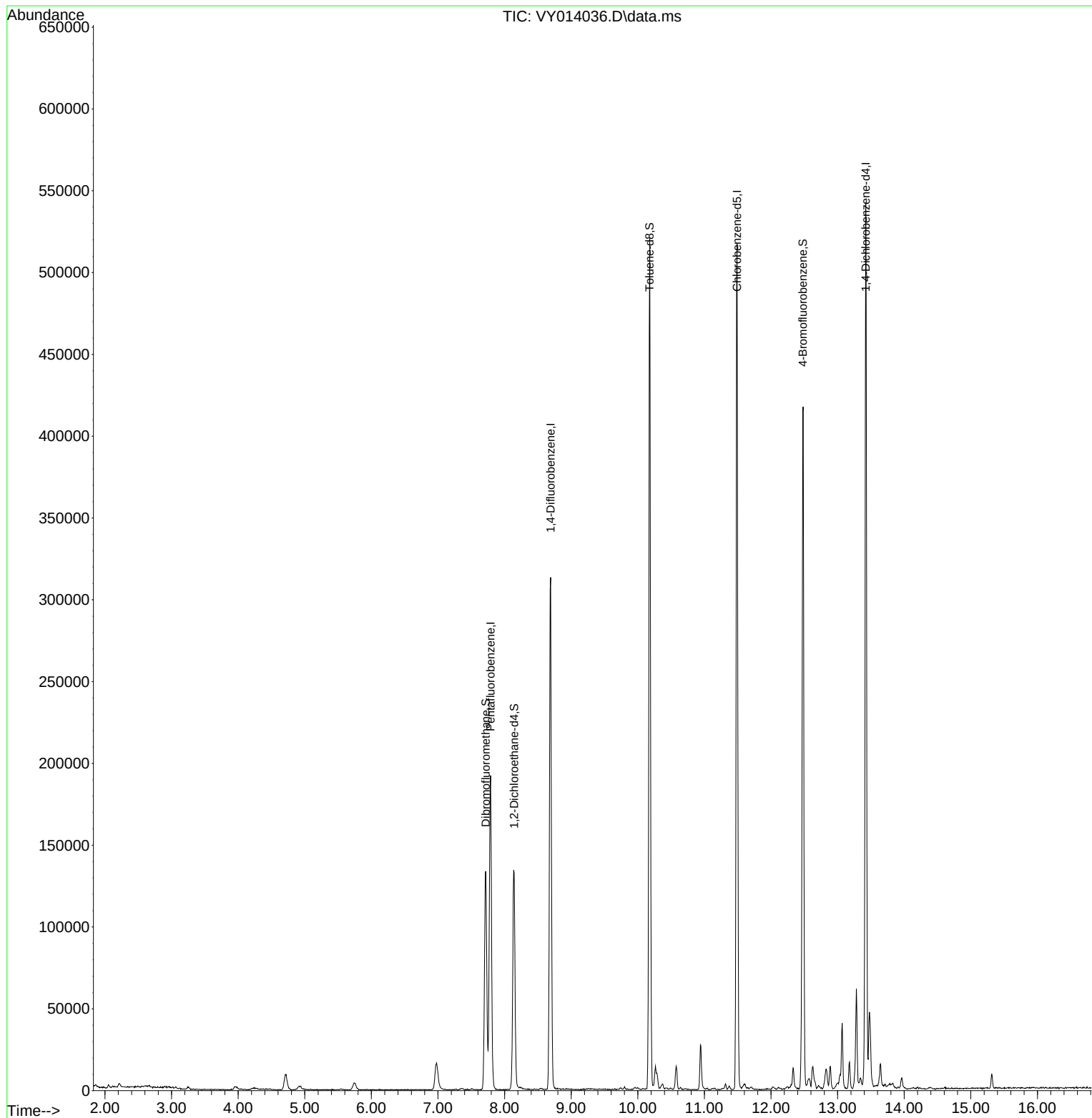
Target Compounds	Qvalue

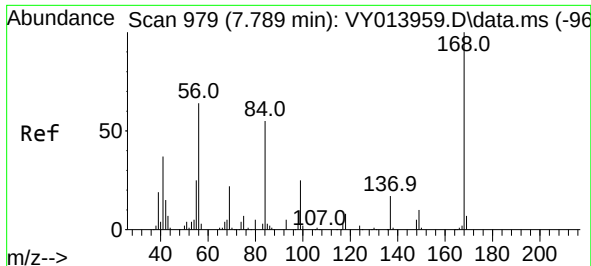
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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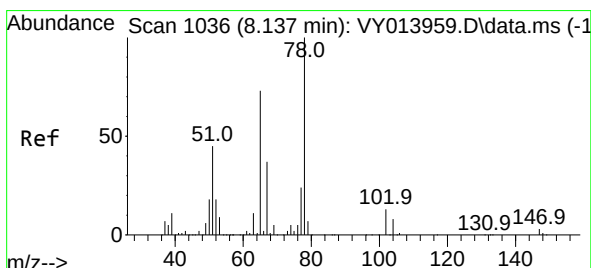
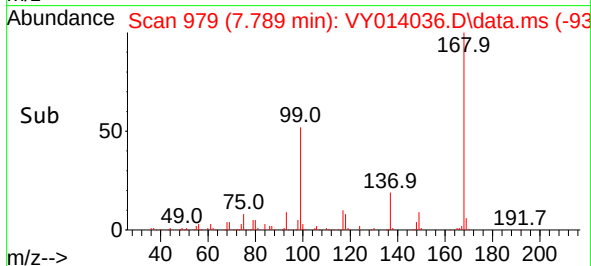
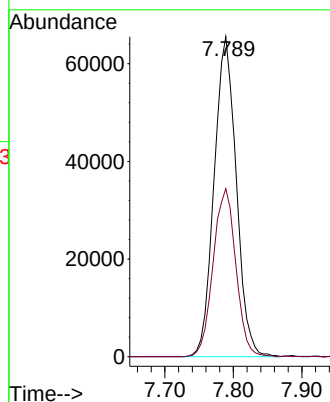
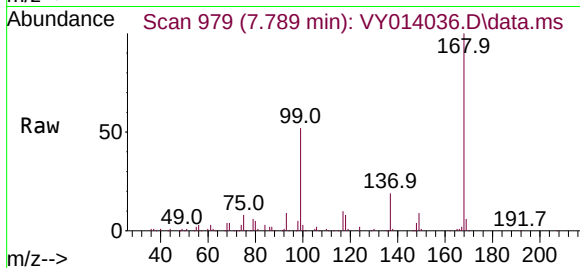




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014036.D
Acq: 06 Jun 2023 17:22

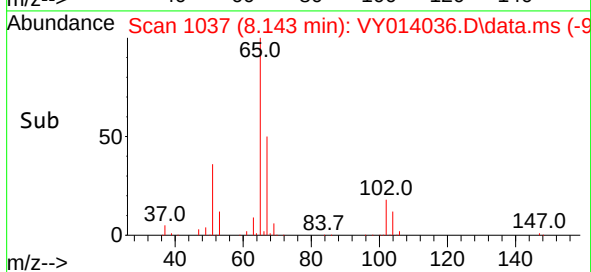
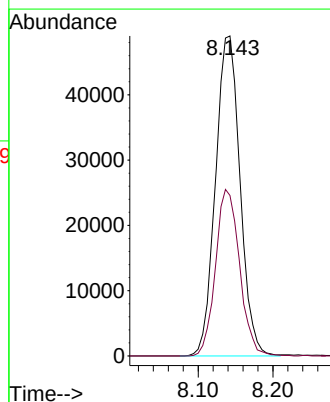
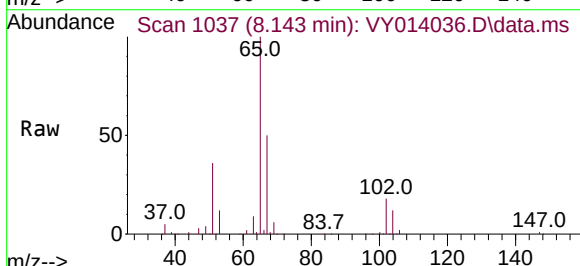
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

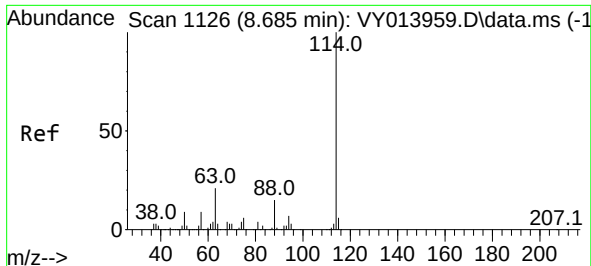
Tgt Ion:168 Resp: 146995
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.617 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014036.D
Acq: 06 Jun 2023 17:22

Tgt Ion: 65 Resp: 112115
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014036.D

Acq: 06 Jun 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

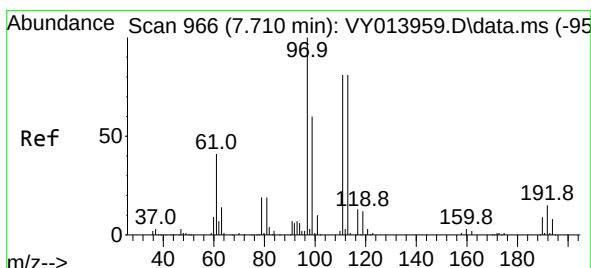
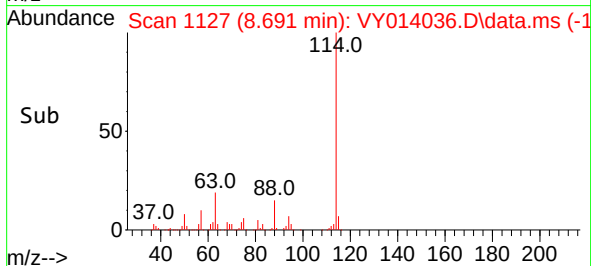
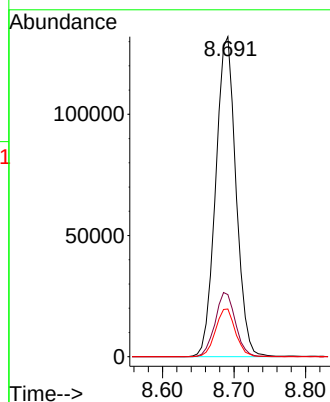
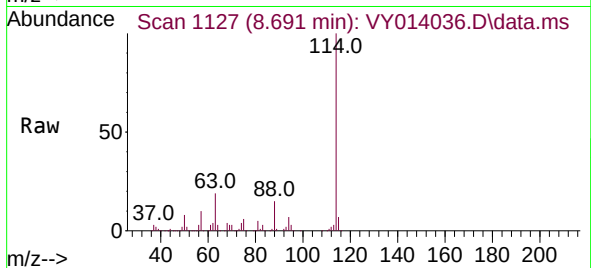
Tgt Ion:114 Resp: 260104

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.967 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014036.D

Acq: 06 Jun 2023 17:22

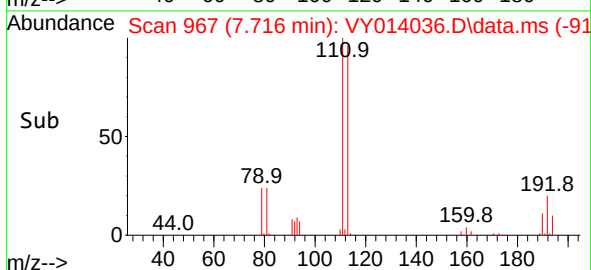
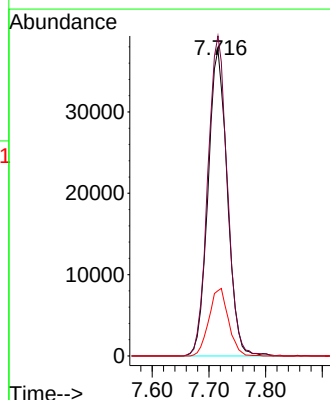
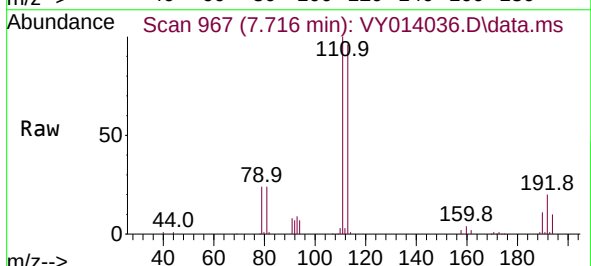
Tgt Ion:113 Resp: 89207

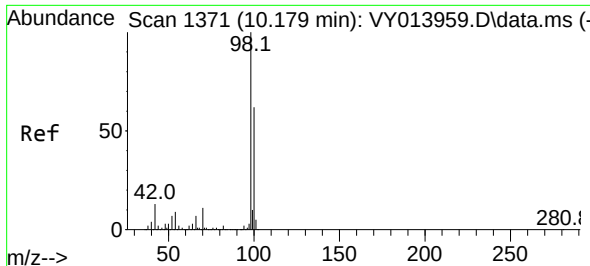
Ion Ratio Lower Upper

113 100

111 105.3 81.3 121.9

192 22.2 16.9 25.3

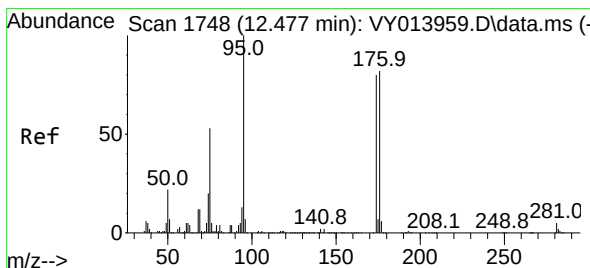
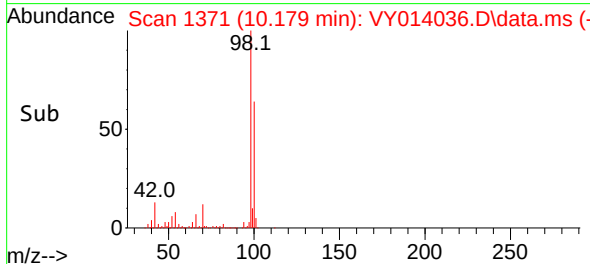
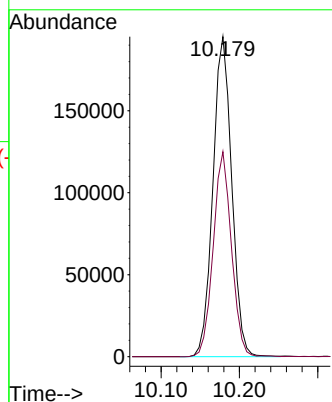
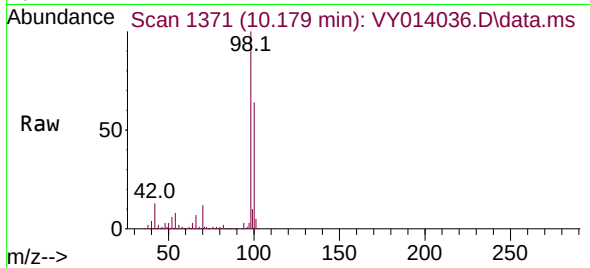




#50
Toluene-d8
Concen: 51.633 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014036.D
Acq: 06 Jun 2023 17:22

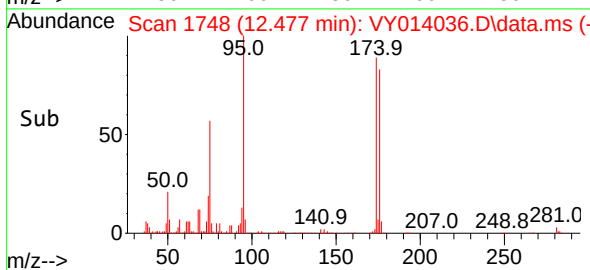
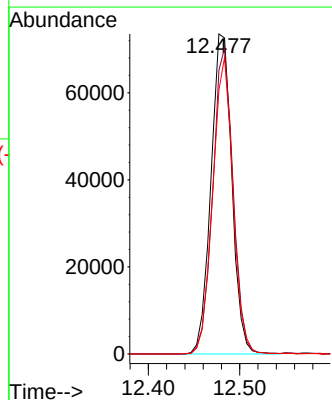
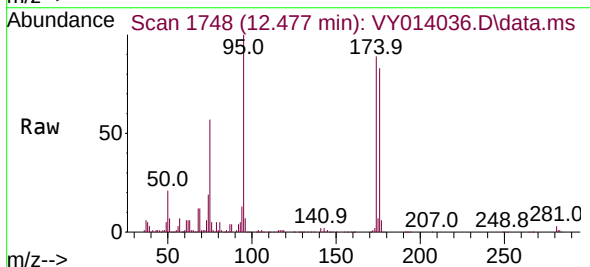
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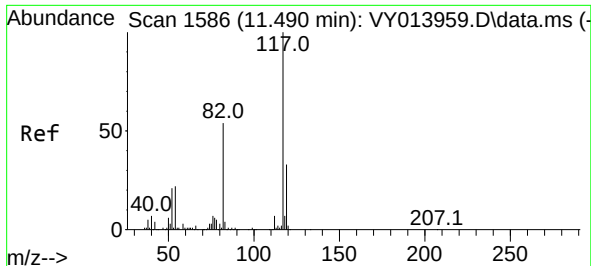
Tgt Ion: 98 Resp: 325555
Ion Ratio Lower Upper
98 100
100 62.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.193 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014036.D
Acq: 06 Jun 2023 17:22

Tgt Ion: 95 Resp: 116492
Ion Ratio Lower Upper
95 100
174 93.1 0.0 178.2
176 90.1 0.0 173.8

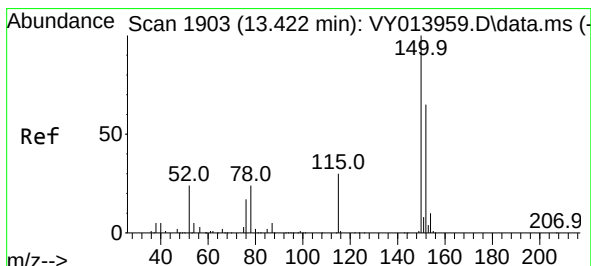
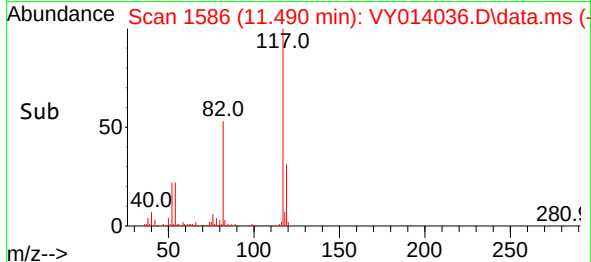
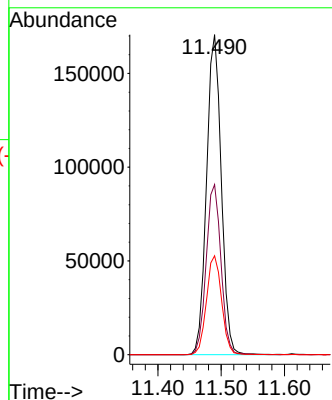
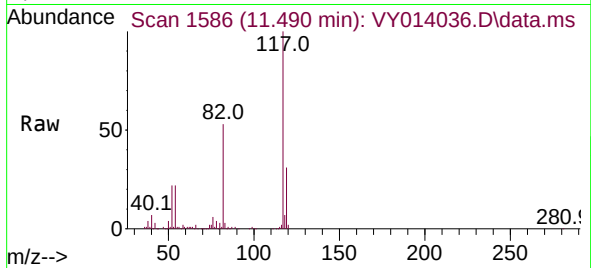




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014036.D
Acq: 06 Jun 2023 17:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-6

Tgt Ion:117 Resp: 276506
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 30.9 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: VY014036.D
Acq: 06 Jun 2023 17:22

Tgt Ion:152 Resp: 137648
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.5
150 154.7 0.0 348.8

