

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013979.D
 Acq On : 02 Jun 2023 10:48
 Operator : KP/MD
 Sample : VY0602SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBL01

Quant Time: Jun 03 04:57:30 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	7.783	168	230018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	345017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165416	54.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.660%
35) Dibromofluoromethane	7.716	113	131825	55.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.000%
50) Toluene-d8	10.179	98	477035	52.655	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.320%
62) 4-Bromofluorobenzene	12.477	95	150333	48.674	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.340%

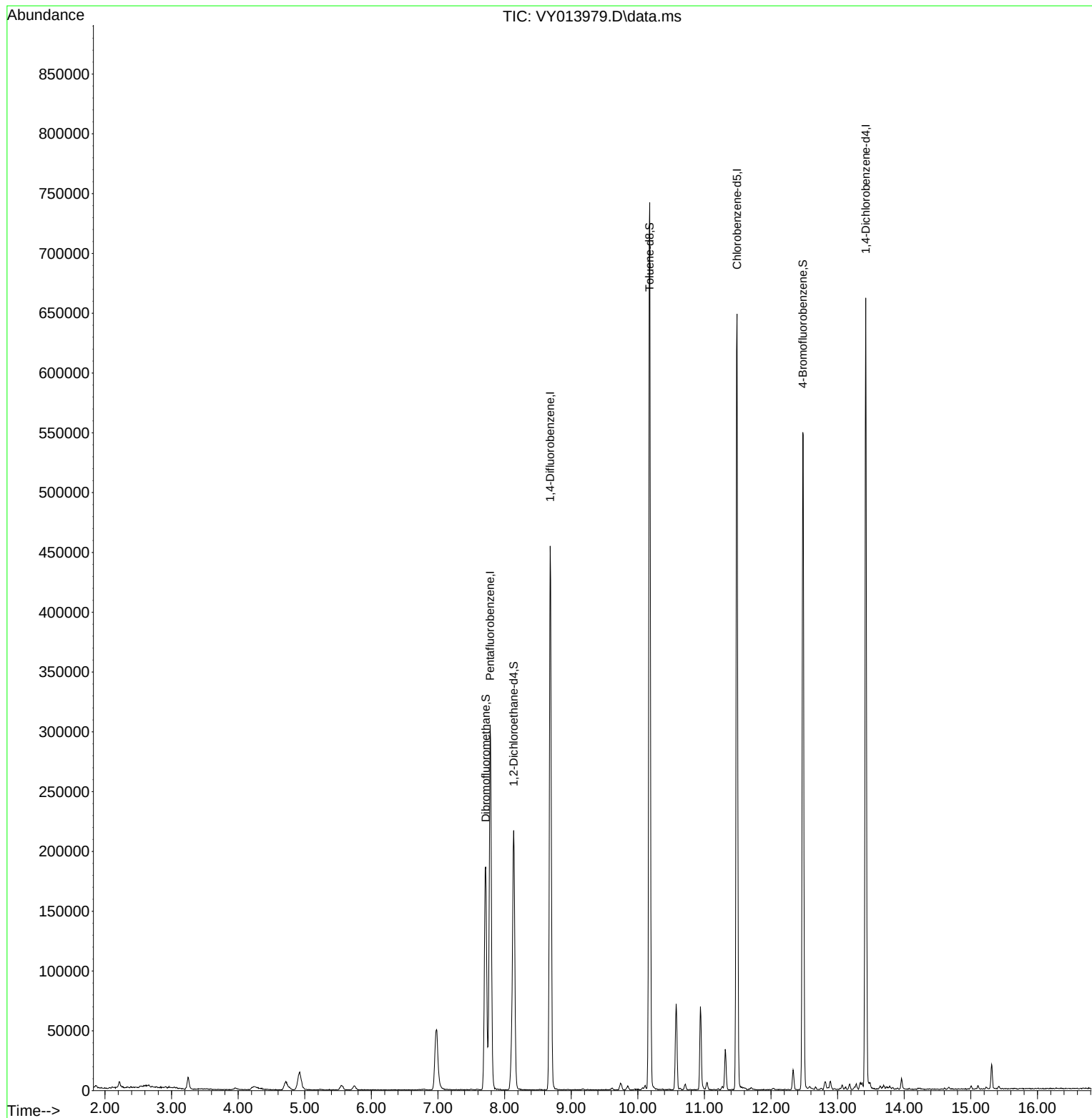
Target Compounds	Qvalue

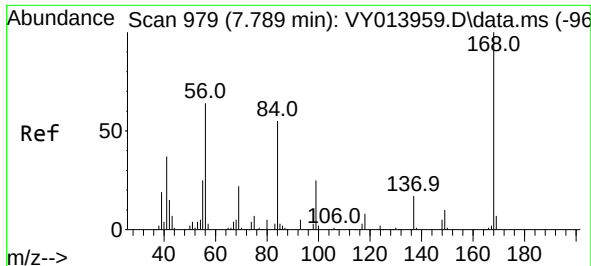
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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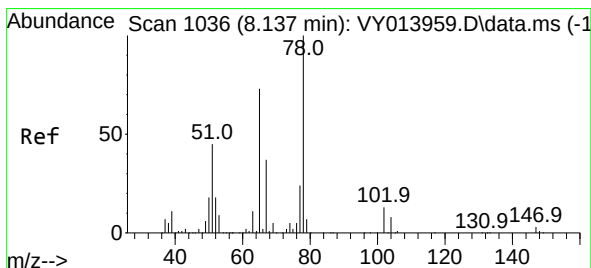
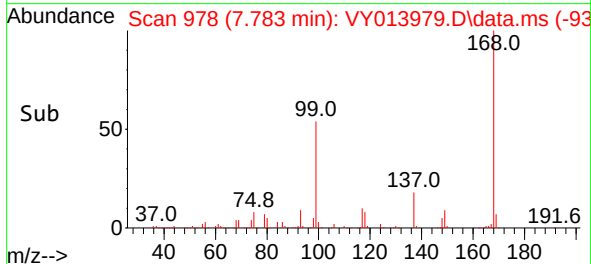
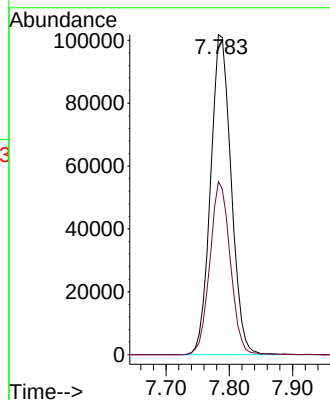
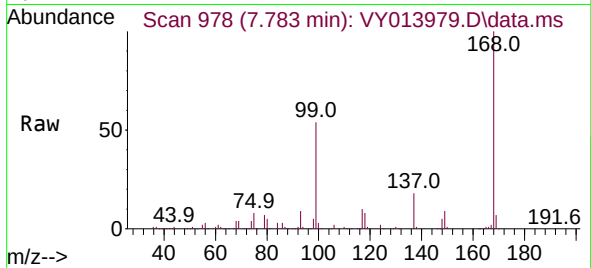




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

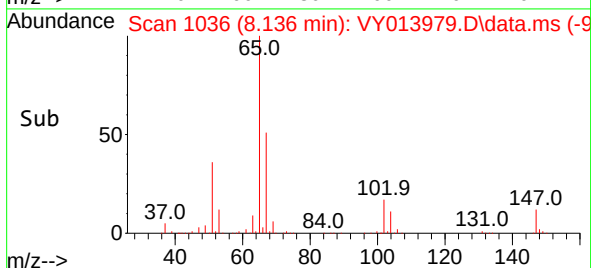
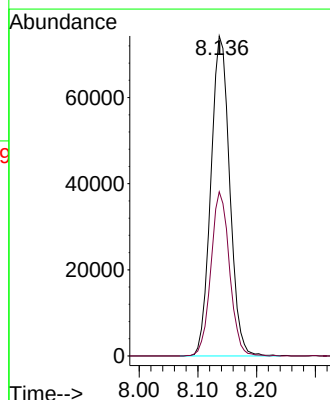
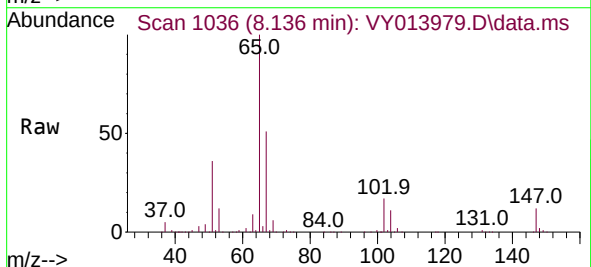
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

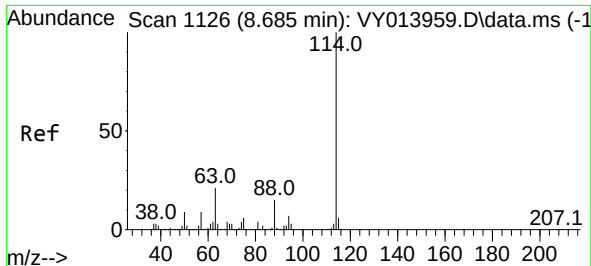
Tgt Ion:168 Resp: 230018
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.326 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

Tgt Ion: 65 Resp: 165416
Ion Ratio Lower Upper
65 100
67 50.7 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: VY013979.D

Acq: 02 Jun 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBL01

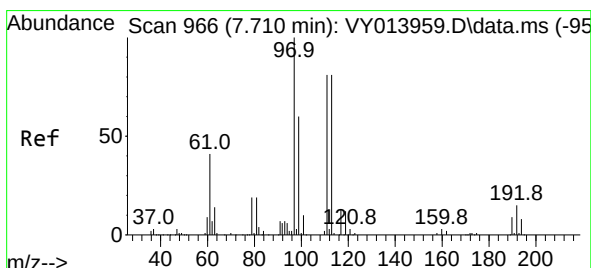
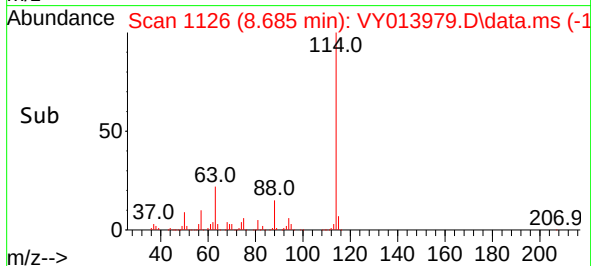
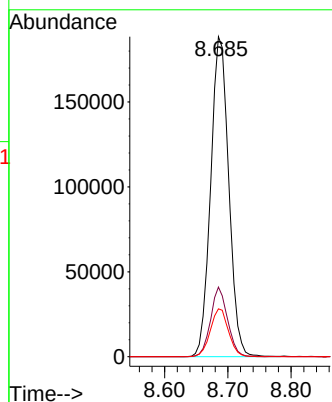
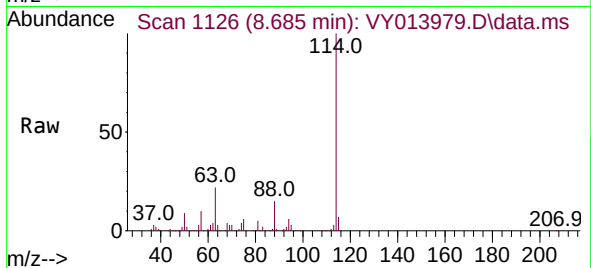
Tgt Ion:114 Resp: 373727

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.503 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY013979.D

Acq: 02 Jun 2023 10:48

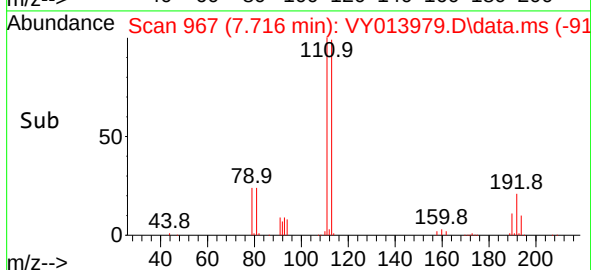
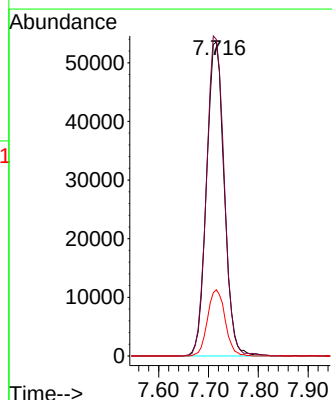
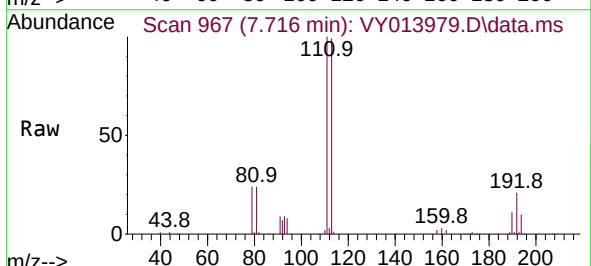
Tgt Ion:113 Resp: 131825

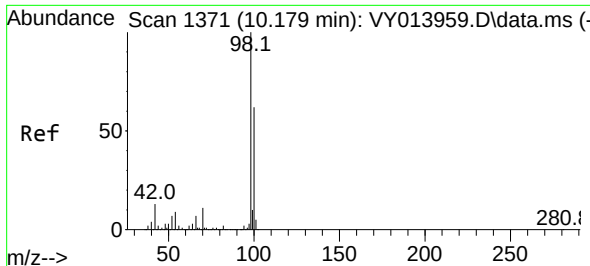
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 21.0 16.9 25.3

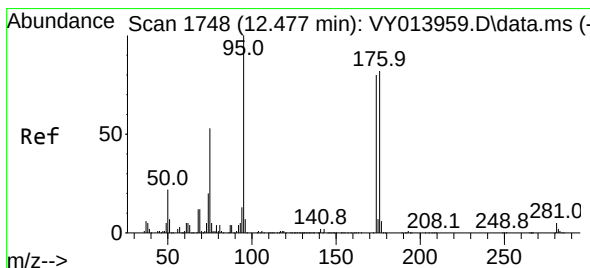
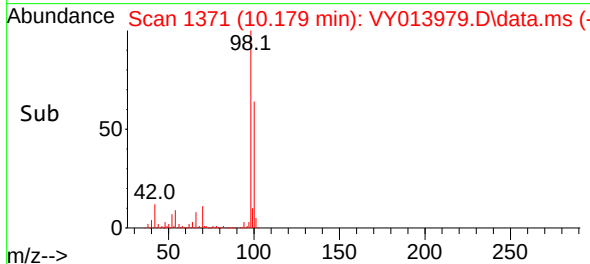
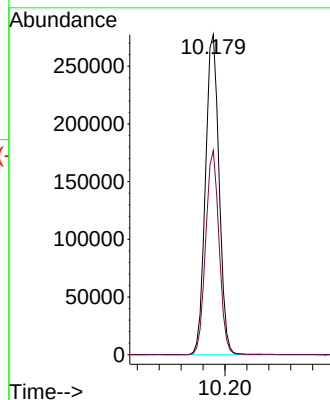
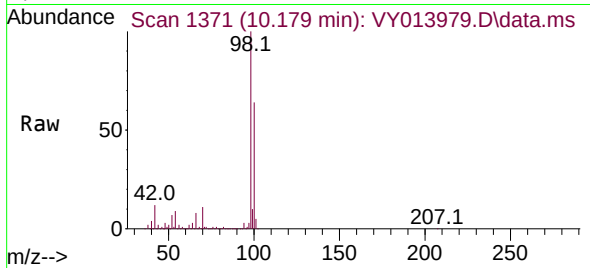




#50
Toluene-d8
Concen: 52.655 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

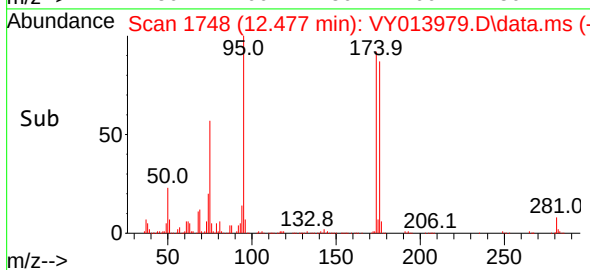
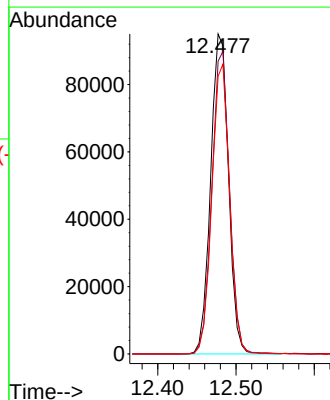
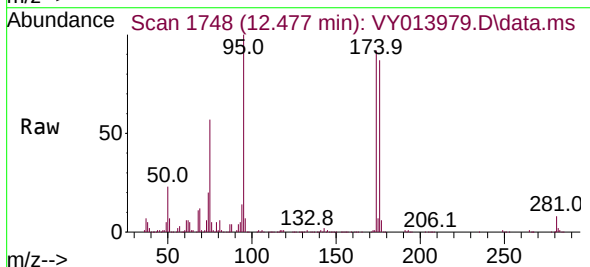
Instrument :
MSVOA_Y
ClientSampleId :
VY0602SBL01

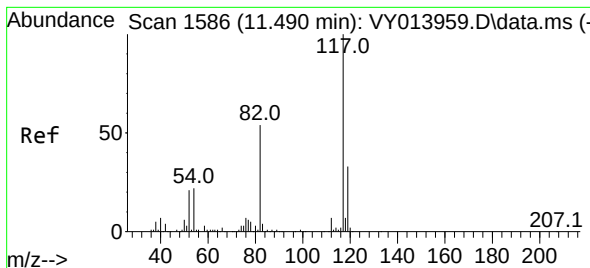
Tgt Ion: 98 Resp: 477035
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.674 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013979.D
Acq: 02 Jun 2023 10:48

Tgt Ion: 95 Resp: 150333
Ion Ratio Lower Upper
95 100
174 93.9 0.0 178.2
176 89.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013979.D

Acq: 02 Jun 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0602SBL01

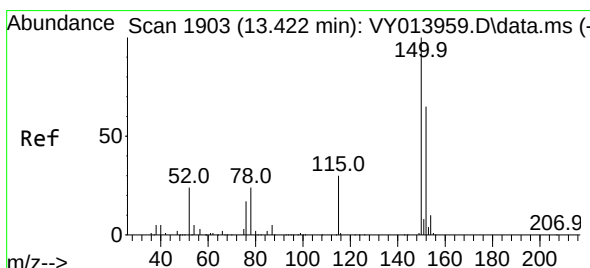
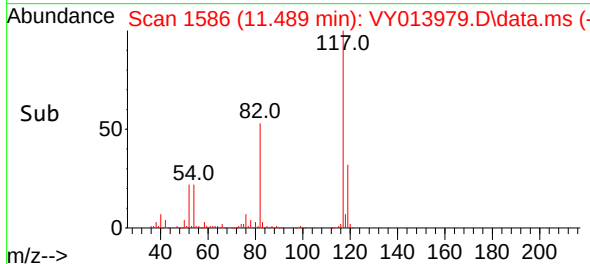
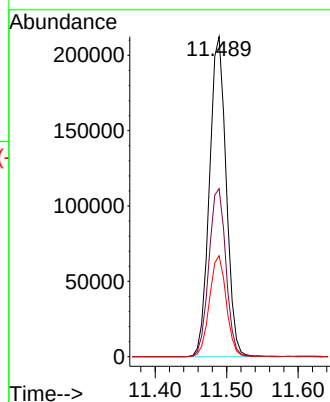
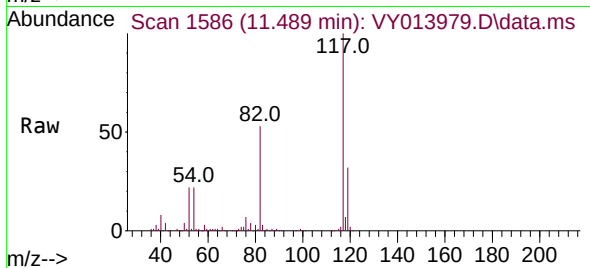
Tgt Ion:117 Resp: 345017

Ion Ratio Lower Upper

117 100

82 52.5 43.4 65.0

119 31.6 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: VY013979.D

Acq: 02 Jun 2023 10:48

Tgt Ion:152 Resp: 160597

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 158.2 0.0 348.8

