

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013994.D
 Acq On : 02 Jun 2023 16:54
 Operator : KP/MD
 Sample : 03016-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB28

Quant Time: Jun 05 09:44:55 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	154395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	268415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	275088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133944	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113687	55.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.240%
35) Dibromofluoromethane	7.710	113	92594	54.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.560%
50) Toluene-d8	10.173	98	339509	52.179	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.360%
62) 4-Bromofluorobenzene	12.477	95	115498	52.067	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.140%

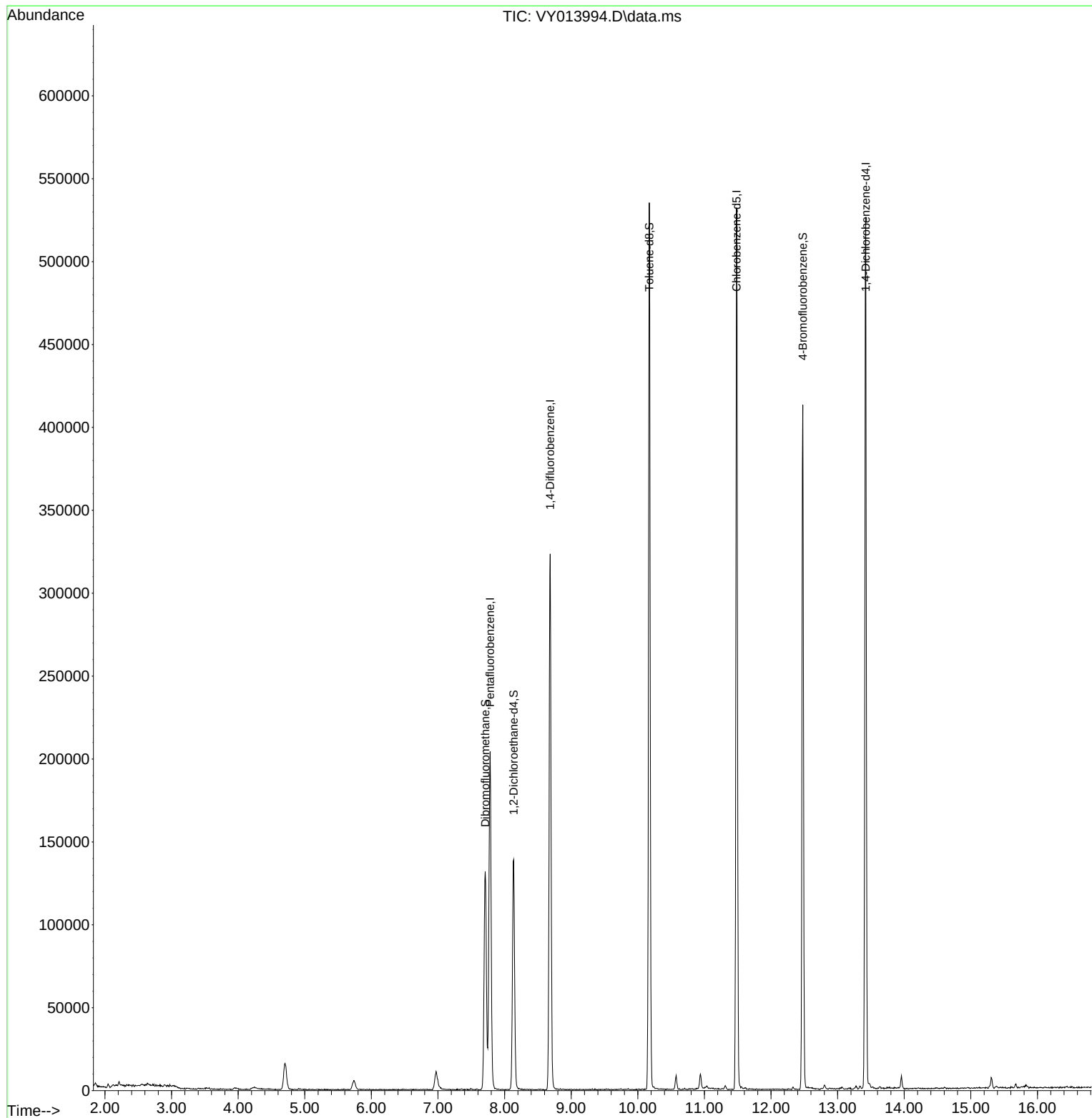
Target Compounds	Qvalue

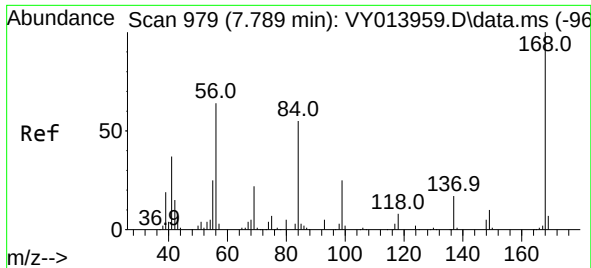
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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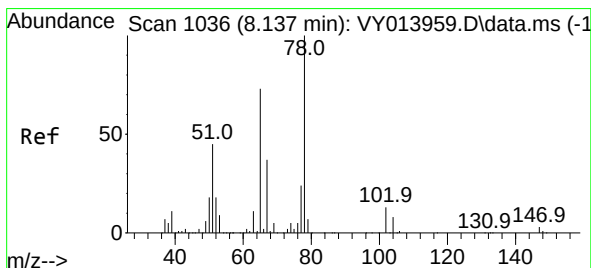
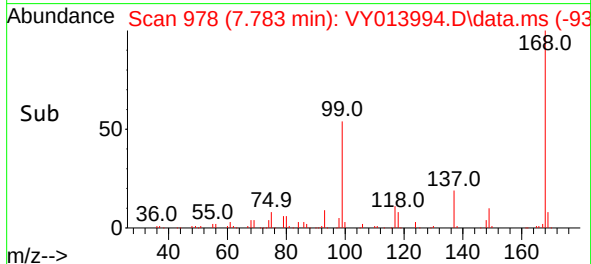
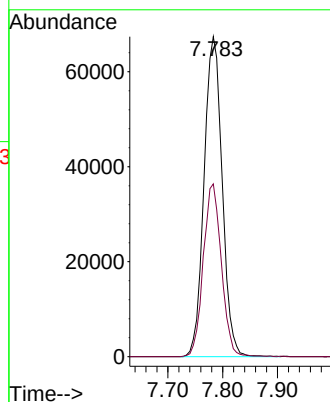
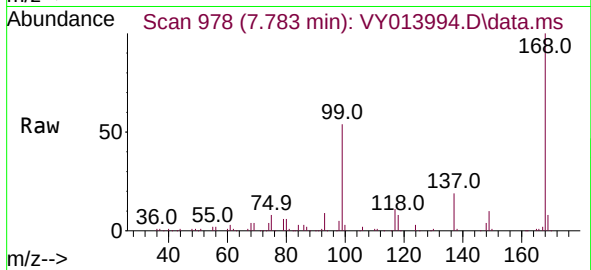




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013994.D
Acq: 02 Jun 2023 16:54

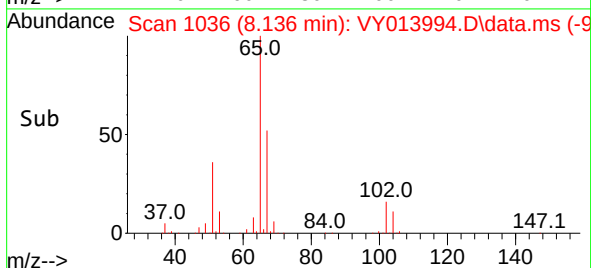
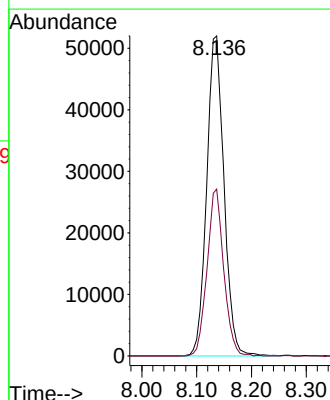
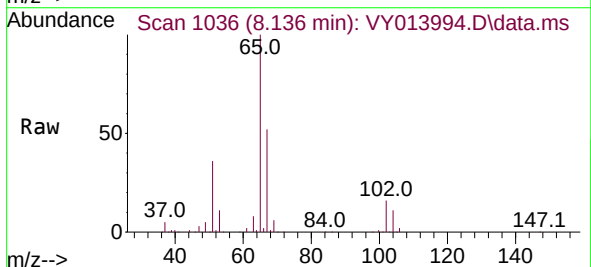
Instrument :
MSVOA_Y
ClientSampleId :
SB28

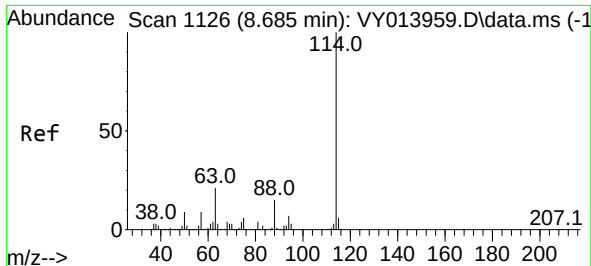
Tgt Ion:168 Resp: 154395
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.625 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013994.D
Acq: 02 Jun 2023 16:54

Tgt Ion: 65 Resp: 113687
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

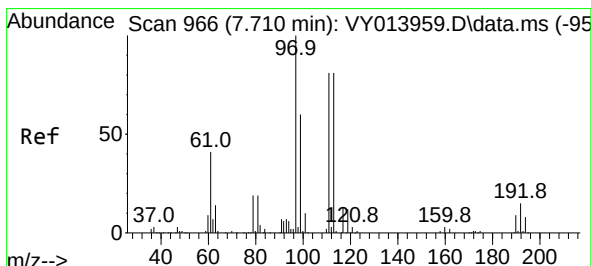
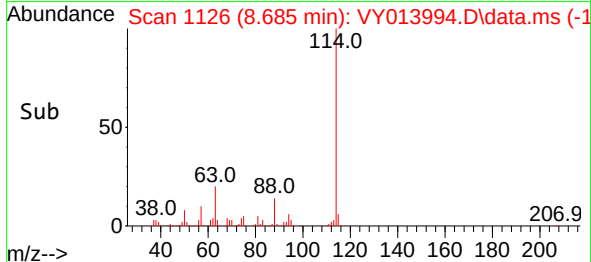
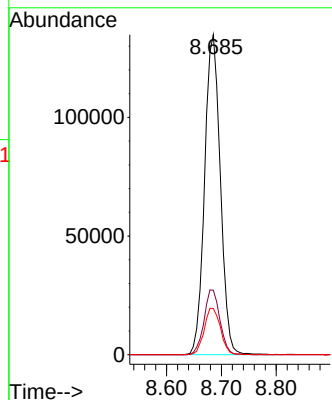
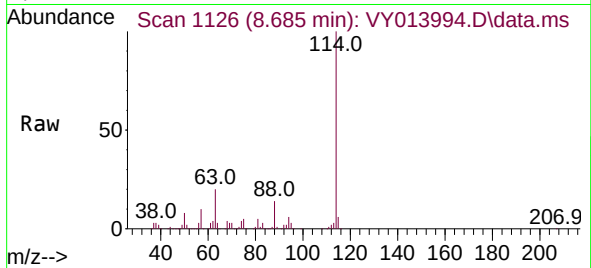




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY013994.D
Acq: 02 Jun 2023 16:54

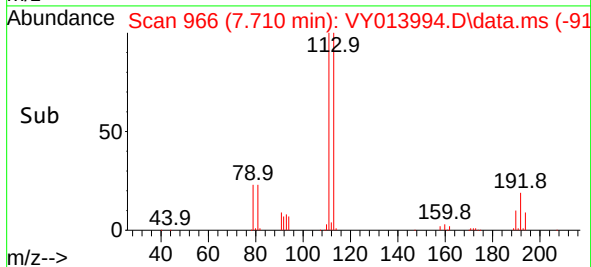
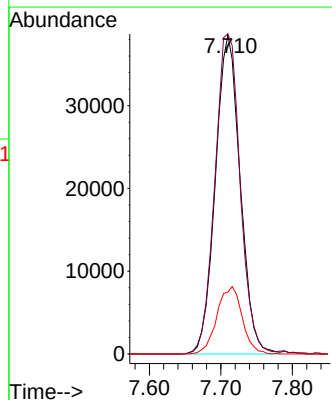
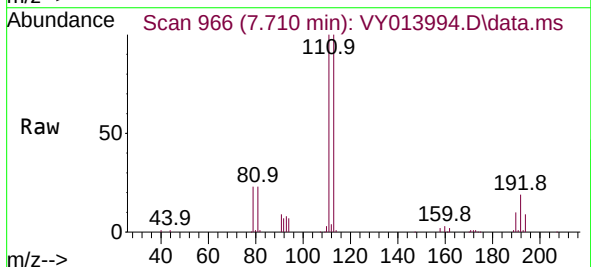
Instrument :
MSVOA_Y
ClientSampleId :
SB28

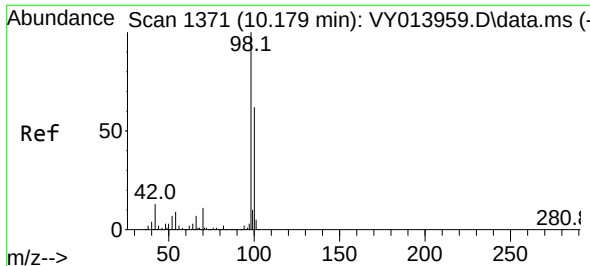
Tgt Ion:114 Resp: 268415
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.282 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY013994.D
Acq: 02 Jun 2023 16:54

Tgt Ion:113 Resp: 92594
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 21.5 16.9 25.3

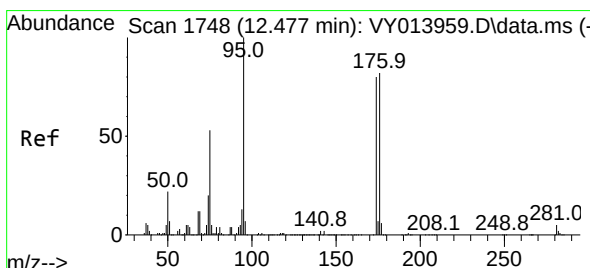
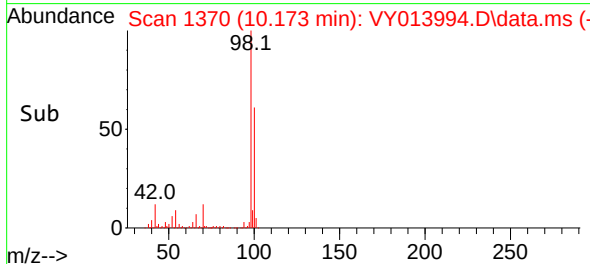
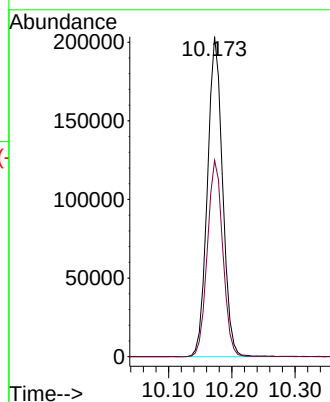
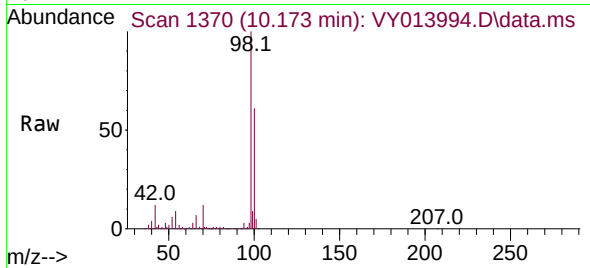




#50
Toluene-d8
Concen: 52.179 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013994.D
Acq: 02 Jun 2023 16:54

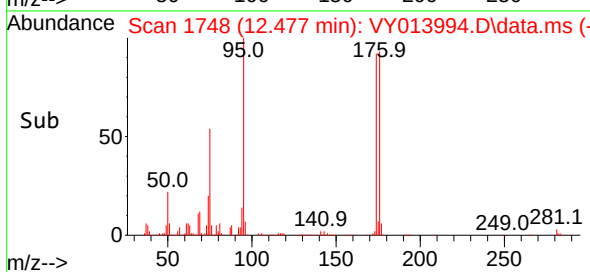
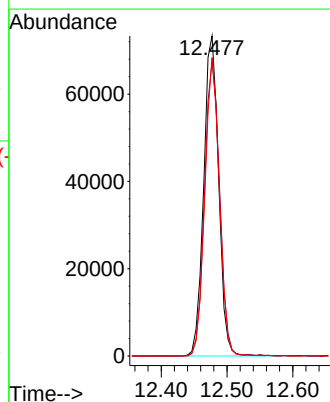
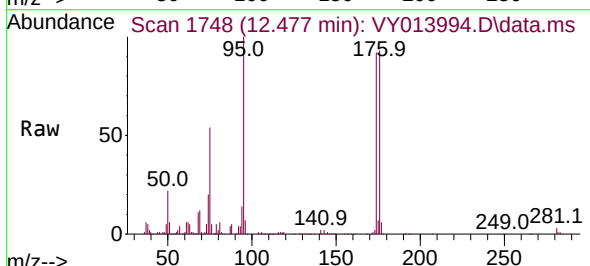
Instrument :
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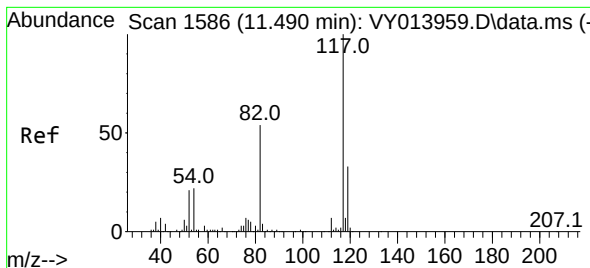
Tgt Ion: 98 Resp: 339509
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.067 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013994.D
Acq: 02 Jun 2023 16:54

Tgt Ion: 95 Resp: 115498
Ion Ratio Lower Upper
95 100
174 93.7 0.0 178.2
176 91.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013994.D

Acq: 02 Jun 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

SB28

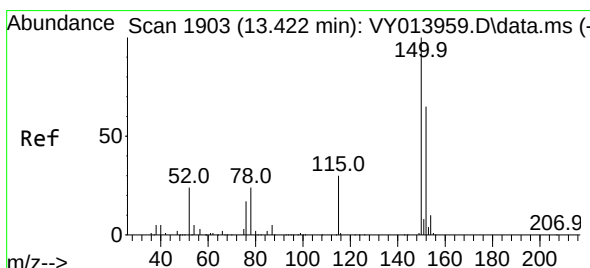
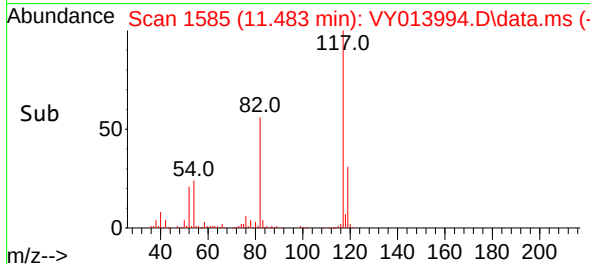
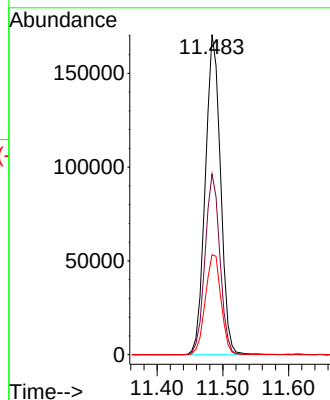
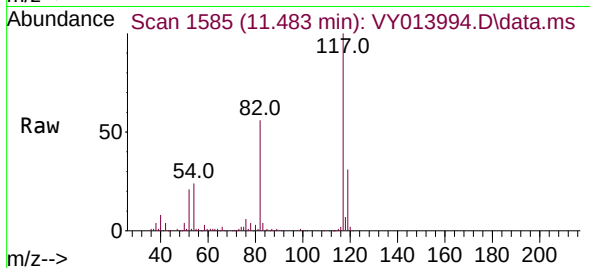
Tgt Ion:117 Resp: 275088

Ion Ratio Lower Upper

117 100

82 56.5 43.4 65.0

119 31.2 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: VY013994.D

Acq: 02 Jun 2023 16:54

Tgt Ion:152 Resp: 133944

Ion Ratio Lower Upper

152 100

115 56.2 28.8 86.5

150 156.2 0.0 348.8

