

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014781.D
 Acq On : 24 Jul 2023 18:40
 Operator : SY/MD
 Sample : 03719-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P23A

Quant Time: Jul 25 01:32:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	171829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	301090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	286087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135744	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109666	56.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.020%
35) Dibromofluoromethane	7.710	113	94045	49.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.140%
50) Toluene-d8	10.173	98	352426	49.874	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.740%
62) 4-Bromofluorobenzene	12.477	95	132427	48.875	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.760%

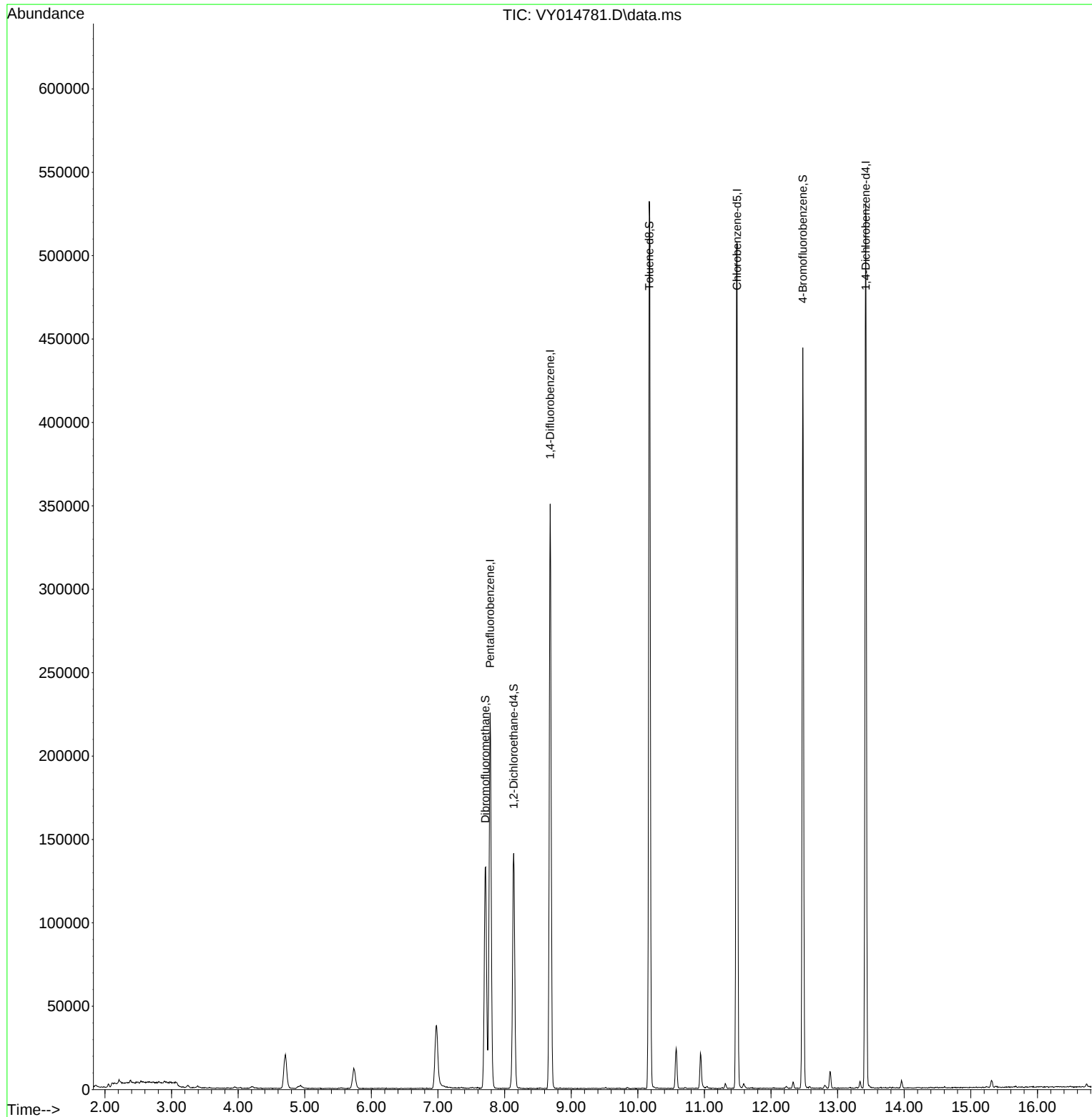
Target Compounds	Qvalue

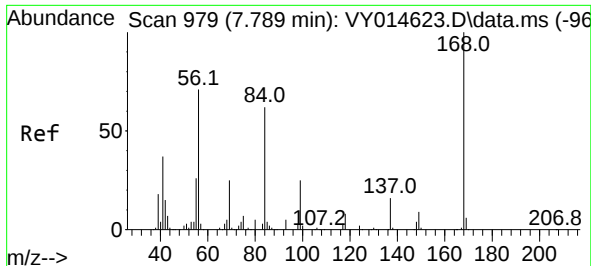
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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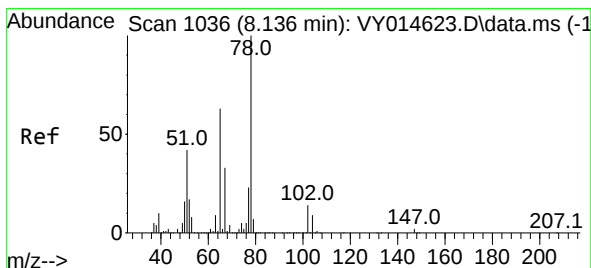
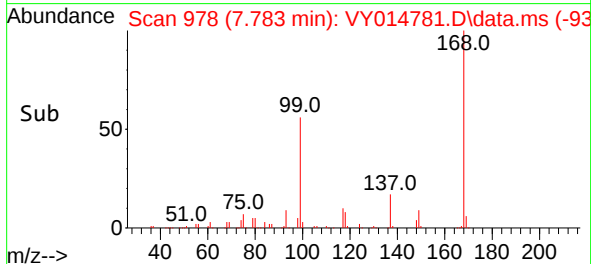
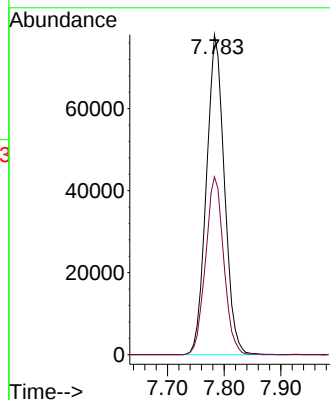
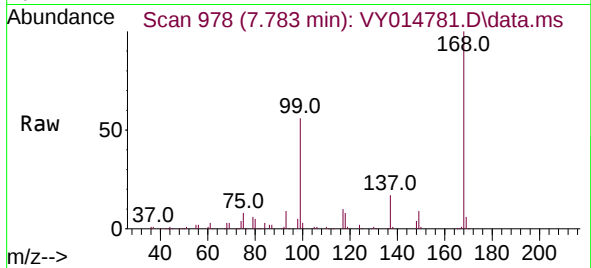




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014781.D
Acq: 24 Jul 2023 18:40

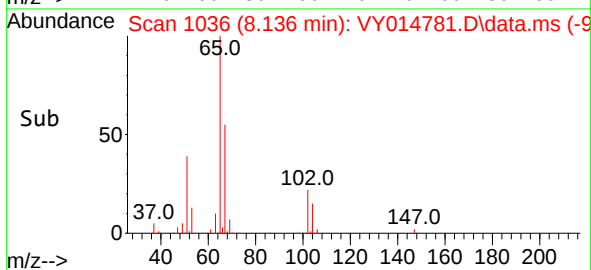
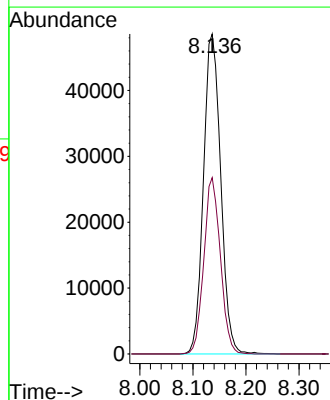
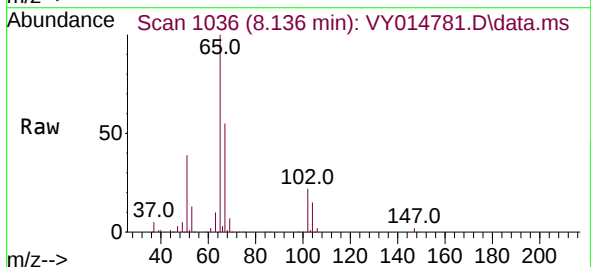
Instrument :
MSVOA_Y
ClientSampleId :
B-P23A

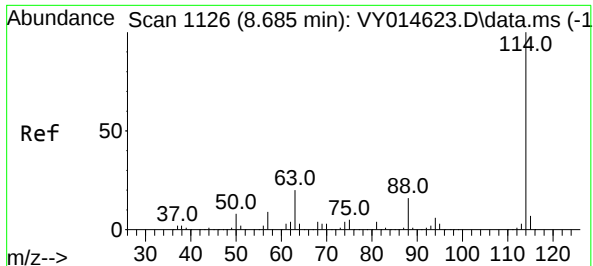
Tgt Ion:168 Resp: 171829
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.008 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014781.D
Acq: 24 Jul 2023 18:40

Tgt Ion: 65 Resp: 109666
Ion Ratio Lower Upper
65 100
67 52.8 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: VY014781.D

Acq: 24 Jul 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

B-P23A

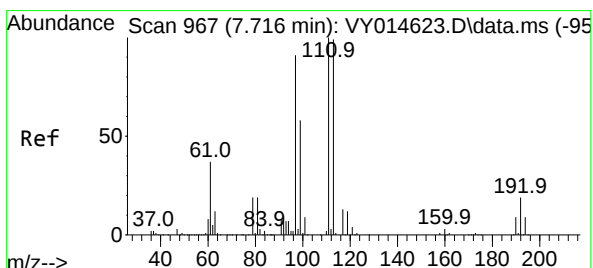
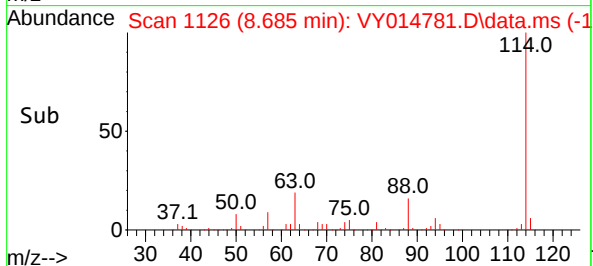
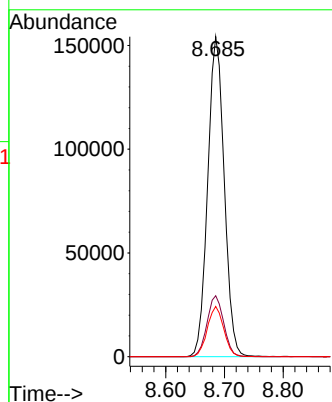
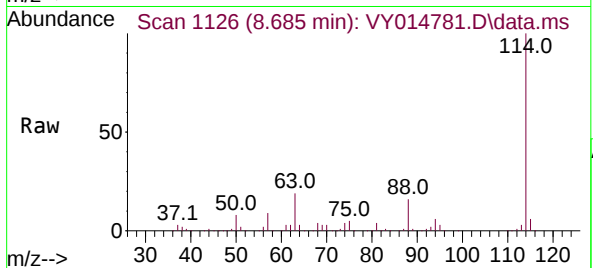
Tgt Ion:114 Resp: 301090

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.067 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014781.D

Acq: 24 Jul 2023 18:40

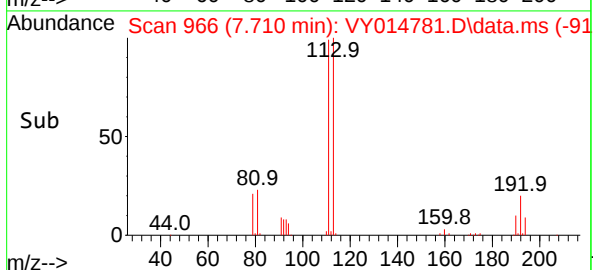
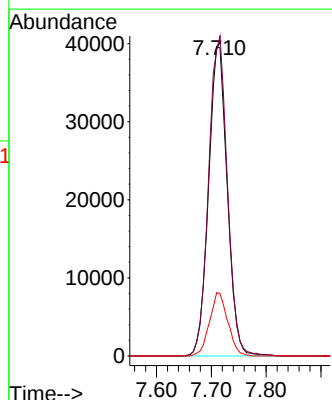
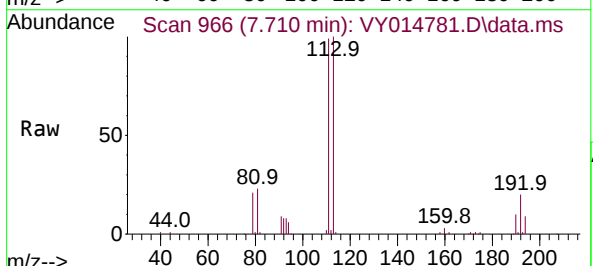
Tgt Ion:113 Resp: 94045

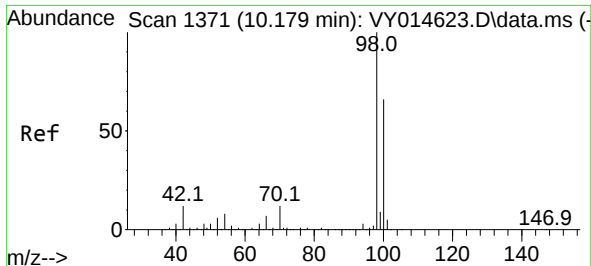
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 19.9 16.9 25.3

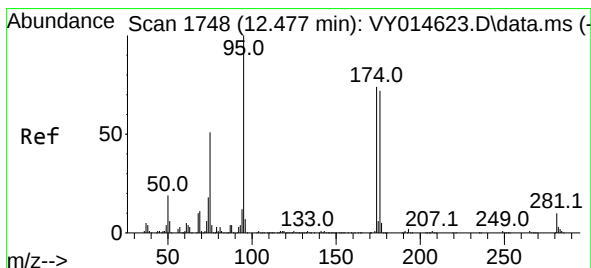
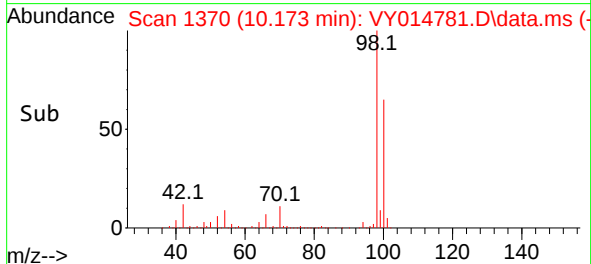
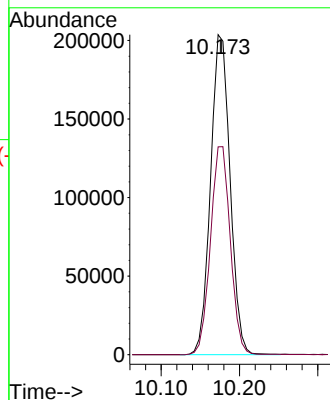
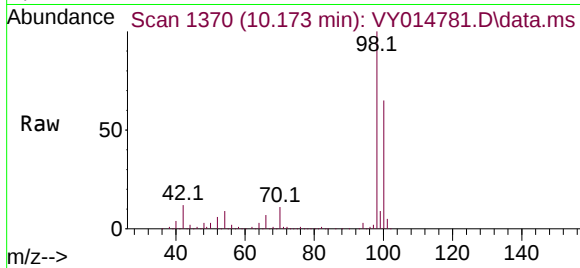




#50
Toluene-d8
Concen: 49.874 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014781.D
Acq: 24 Jul 2023 18:40

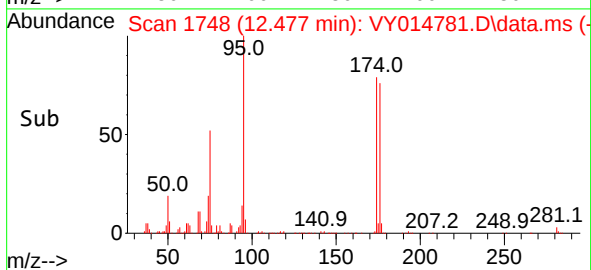
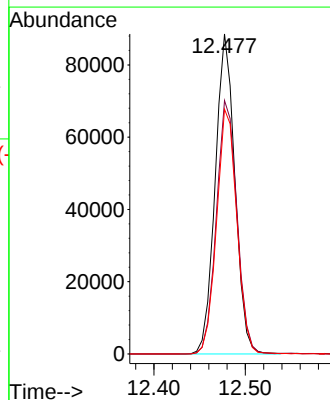
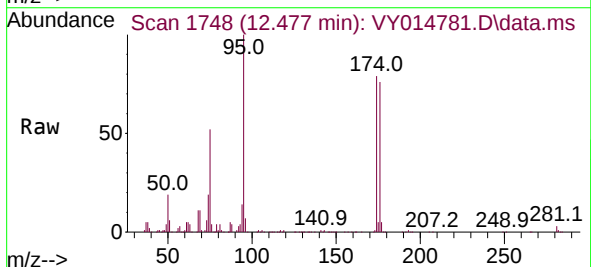
Instrument :
MSVOA_Y
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B-P23A

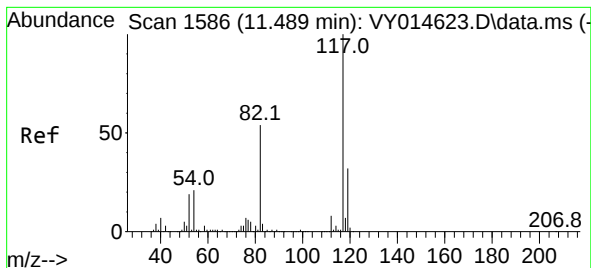
Tgt Ion: 98 Resp: 352426
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.875 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014781.D
Acq: 24 Jul 2023 18:40

Tgt Ion: 95 Resp: 132427
Ion Ratio Lower Upper
95 100
174 82.8 0.0 178.2
176 78.8 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: VY014781.D

Acq: 24 Jul 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

B-P23A

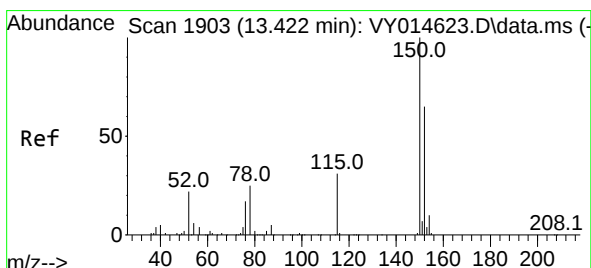
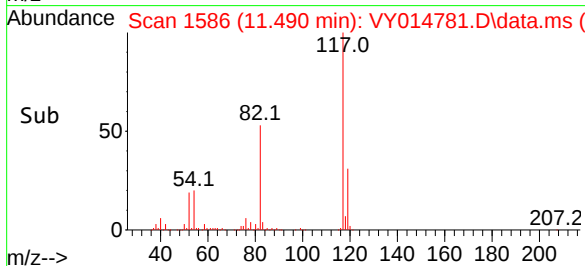
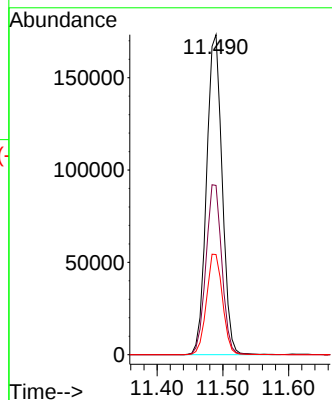
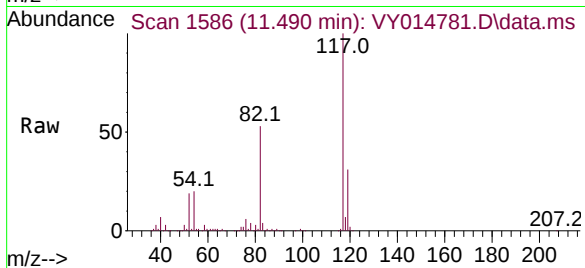
Tgt Ion:117 Resp: 286087

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 31.3 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: VY014781.D

Acq: 24 Jul 2023 18:40

Tgt Ion:152 Resp: 135744

Ion Ratio Lower Upper

152 100

115 59.9 28.8 86.5

150 157.5 0.0 348.8

