

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014878.D
 Acq On : 27 Jul 2023 13:32
 Operator : SY/MD
 Sample : 03686-13
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-22-0-2-20230721

Quant Time: Jul 28 02:37:29 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	154354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	258770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	98478	55.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.980%
35) Dibromofluoromethane	7.710	113	85149	49.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.920%
50) Toluene-d8	10.173	98	319961	50.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.477	95	119109	48.941	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.880%

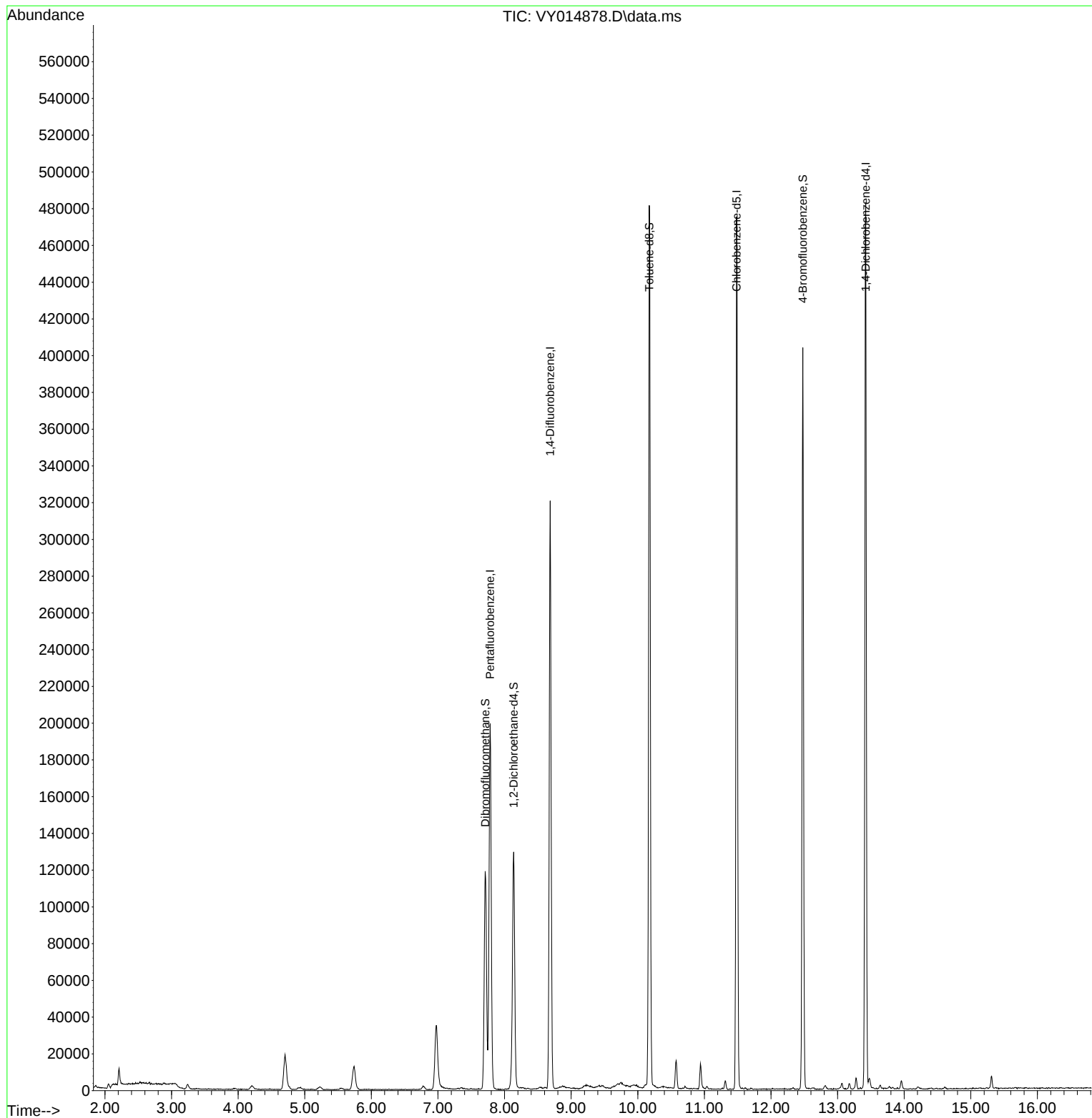
Target Compounds	Qvalue

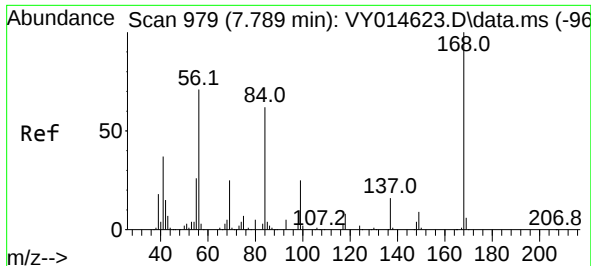
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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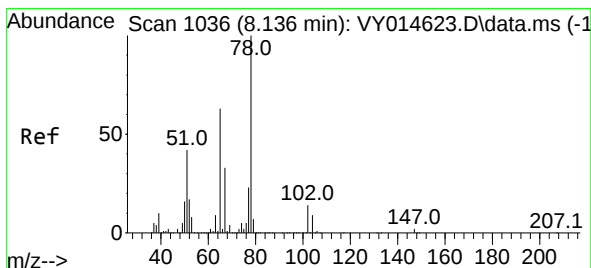
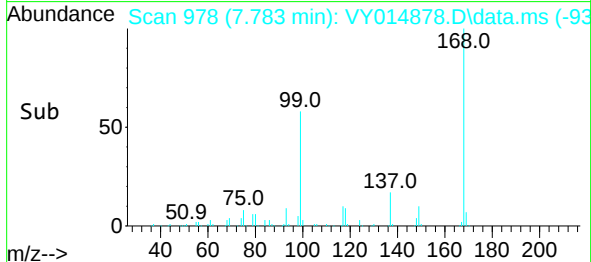
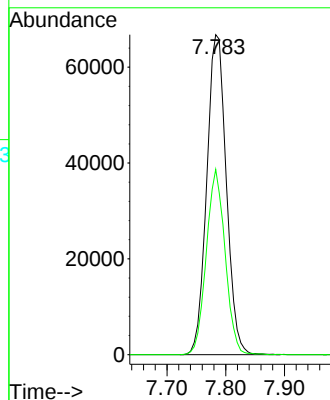
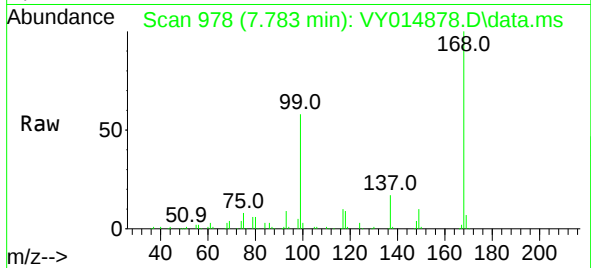




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

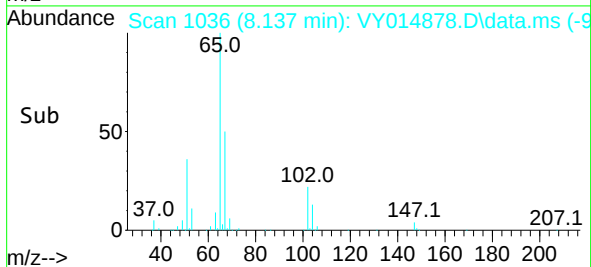
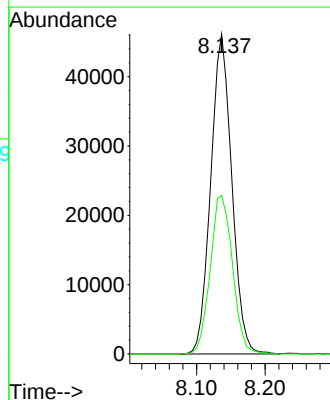
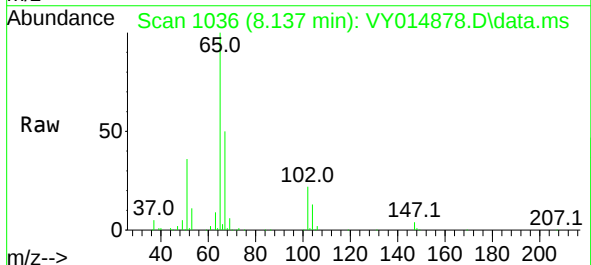
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-0-2-20230721

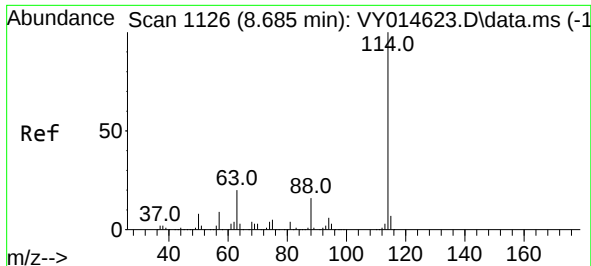
Tgt Ion:168 Resp: 154354
Ion Ratio Lower Upper
168 100
99 57.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.988 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

Tgt Ion: 65 Resp: 98478
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

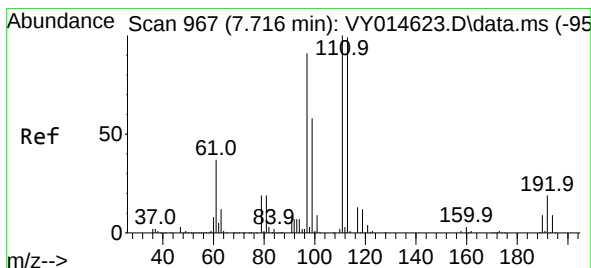
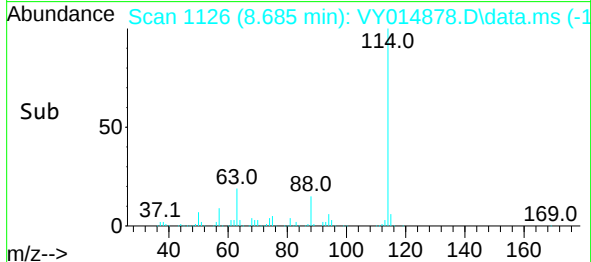
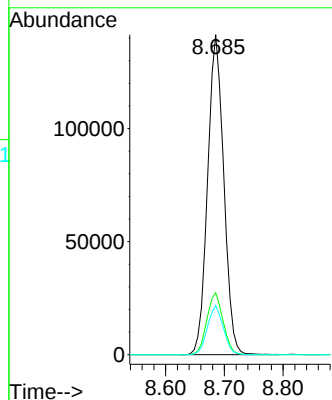
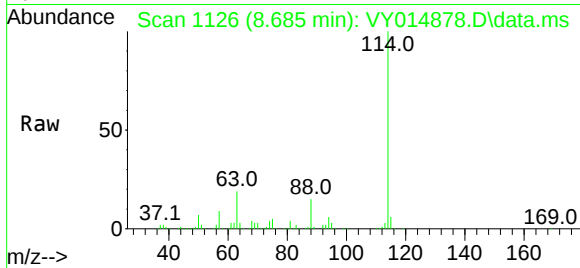




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

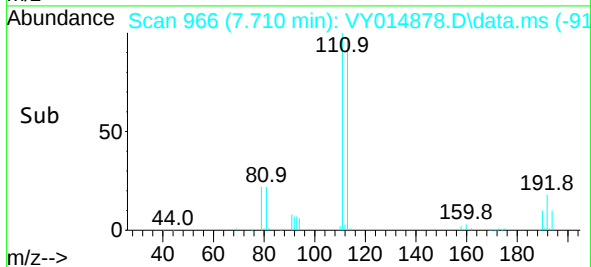
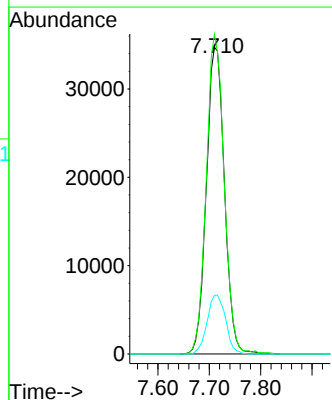
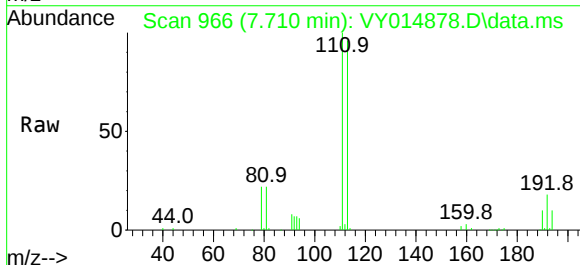
Instrument :
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ClientSampleId :
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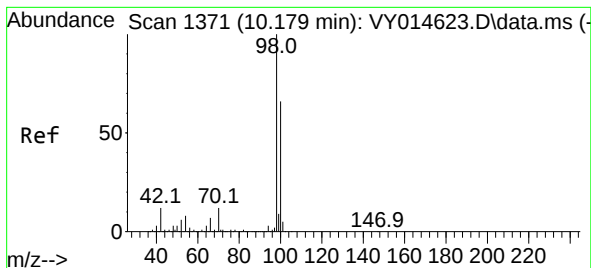
Tgt Ion:	114	Resp:	270447
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	42.4
88	15.4	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.459 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014878.D
Acq: 27 Jul 2023 13:32

Tgt Ion:	113	Resp:	85149
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.3	121.9
192	19.5	16.9	25.3





#50

Toluene-d8

Concen: 50.410 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014878.D

Acq: 27 Jul 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

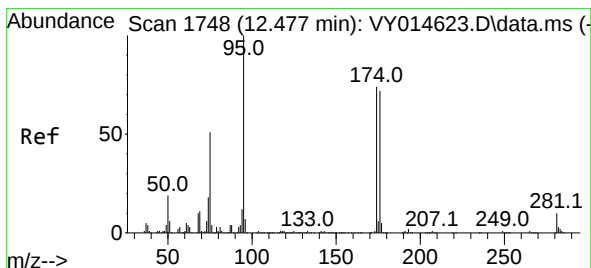
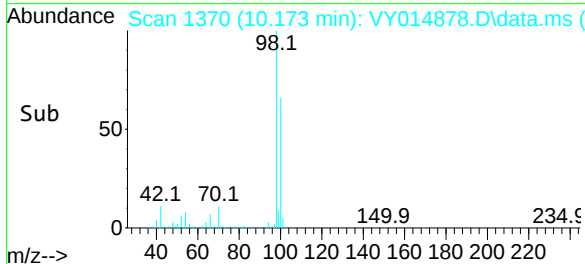
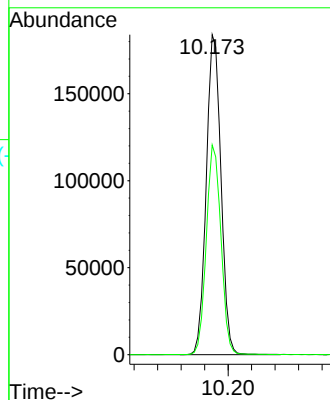
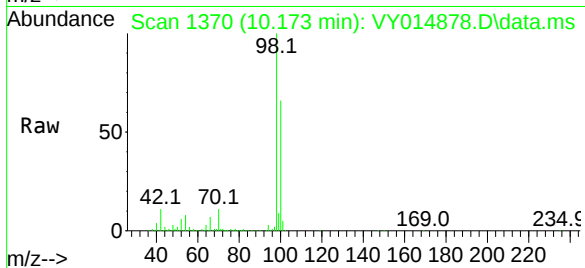
SB-22-0-2-20230721

Tgt Ion: 98 Resp: 319961

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.941 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY014878.D

Acq: 27 Jul 2023 13:32

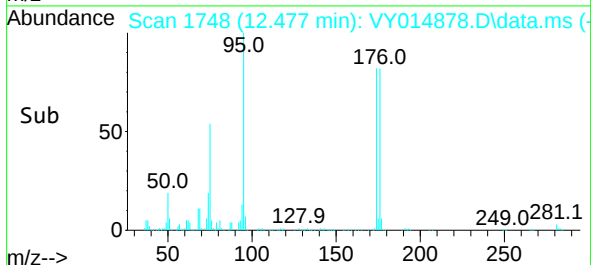
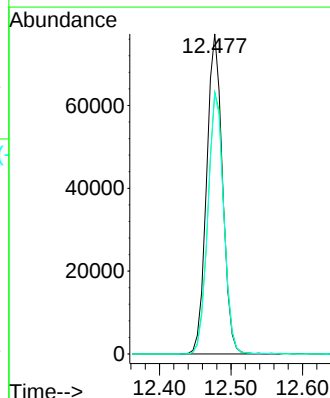
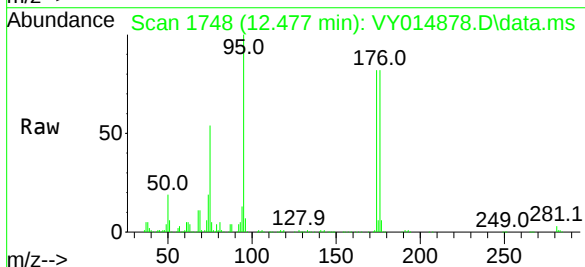
Tgt Ion: 95 Resp: 119109

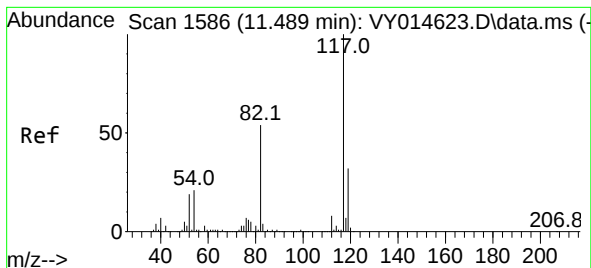
Ion Ratio Lower Upper

95 100

174 82.1 0.0 178.2

176 80.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. -0.005 min

Lab File: VY014878.D

Acq: 27 Jul 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-22-0-2-20230721

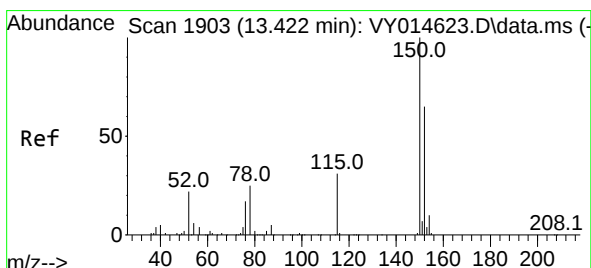
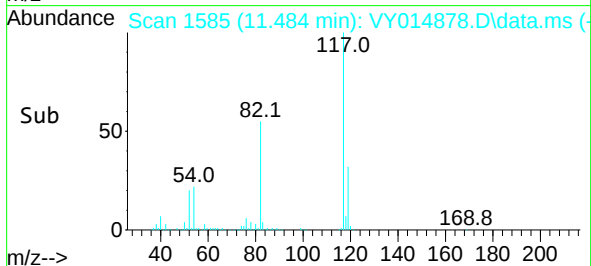
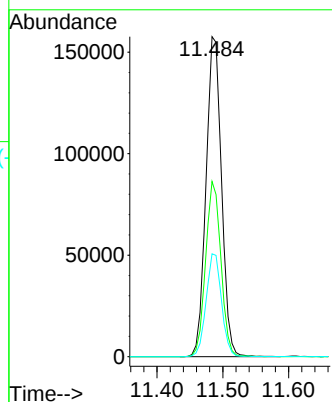
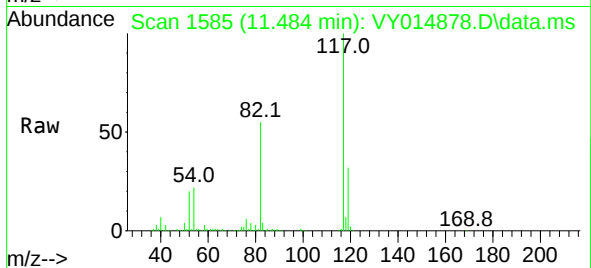
Tgt Ion:117 Resp: 258770

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 32.2 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: VY014878.D

Acq: 27 Jul 2023 13:32

Tgt Ion:152 Resp: 123366

Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.5

150 158.8 0.0 348.8

