

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014880.D
 Acq On : 27 Jul 2023 14:19
 Operator : SY/MD
 Sample : 03686-17
 Misc : 3.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-28-2-4-20230721

Quant Time: Jul 28 02:37:46 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)

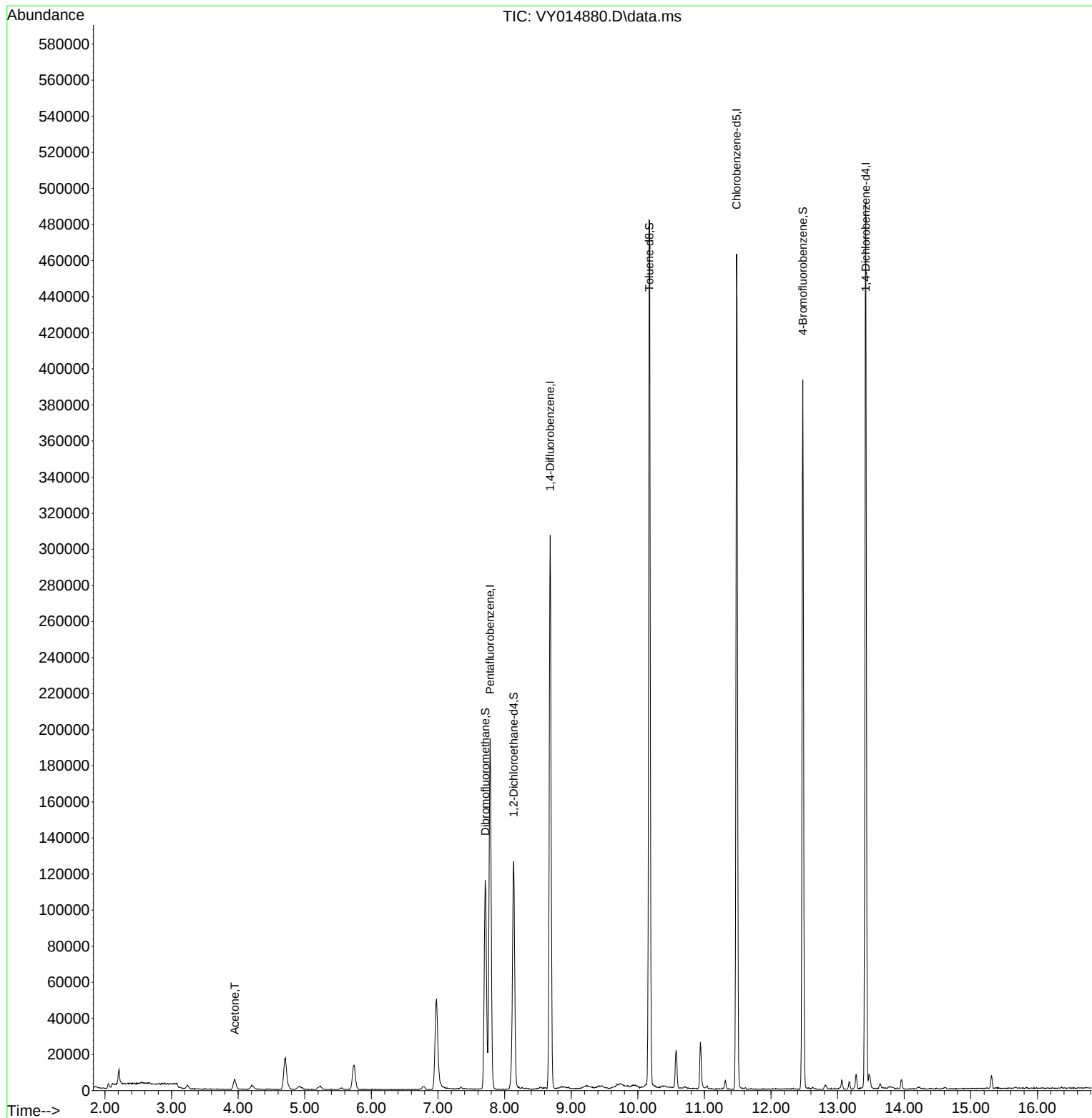
Internal Standards						
1) Pentafluorobenzene	7.783	168	147492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	262148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	250051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94827	56.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.840%
35) Dibromofluoromethane	7.710	113	82400	49.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.760%
50) Toluene-d8	10.173	98	308629	50.164	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.477	95	116570	49.414	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.820%
Target Compounds						
16) Acetone	3.948	43	9987	18.751	ug/l	Qvalue 96

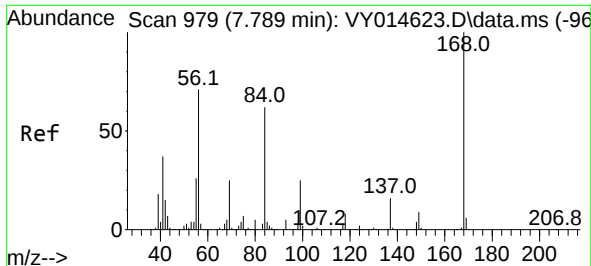
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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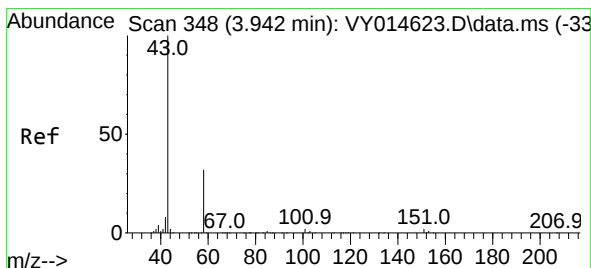
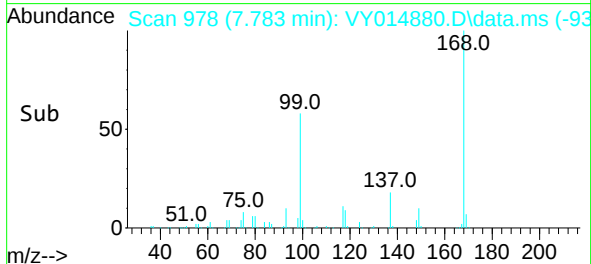
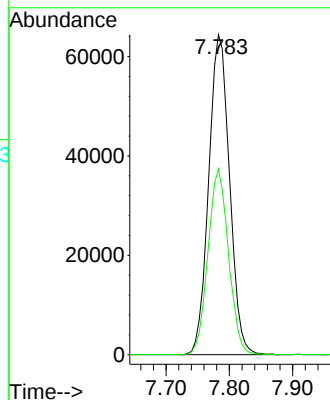
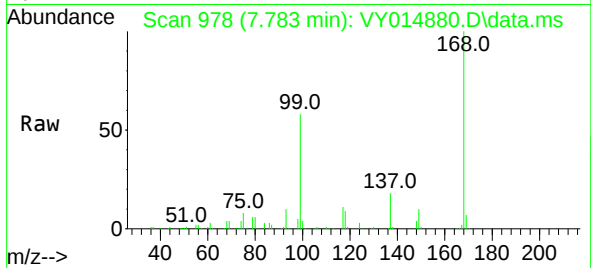




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

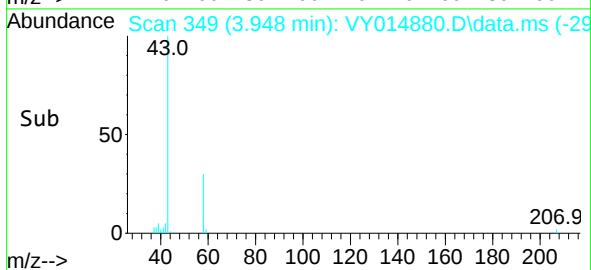
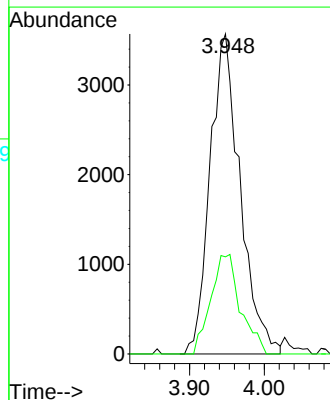
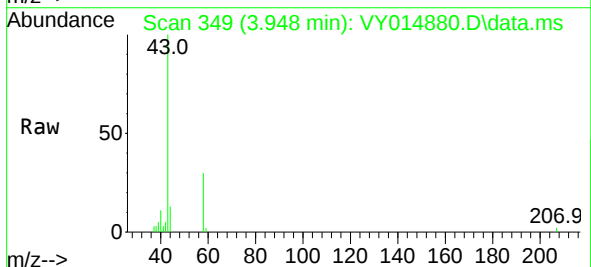
Instrument :
MSVOA_Y
ClientSampleId :
SB-28-2-4-20230721

Tgt Ion:168 Resp: 147492
Ion Ratio Lower Upper
168 100
99 58.0 43.4 65.0



#16
Acetone
Concen: 18.751 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

Tgt Ion: 43 Resp: 9987
Ion Ratio Lower Upper
43 100
58 30.3 22.7 34.1

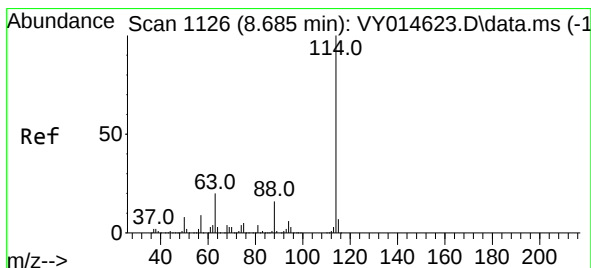
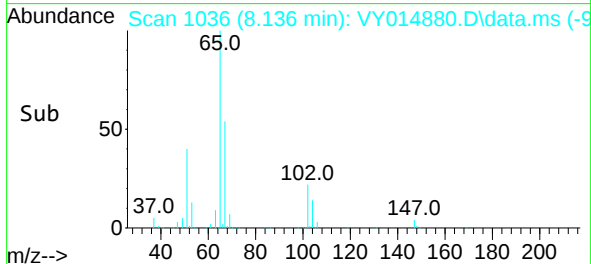
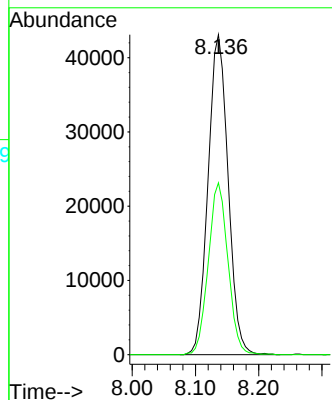
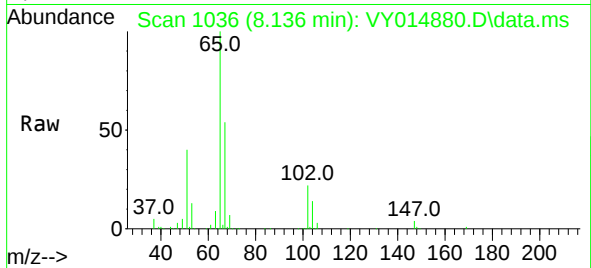




#33
 1,2-Dichloroethane-d4
 Concen: 56.420 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014880.D
 Acq: 27 Jul 2023 14:19

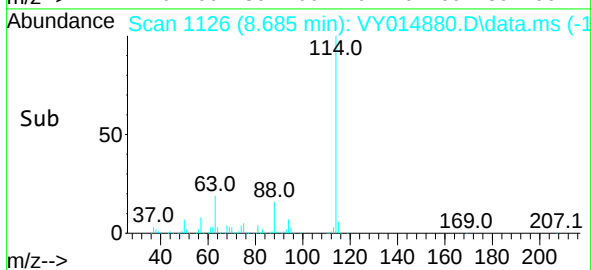
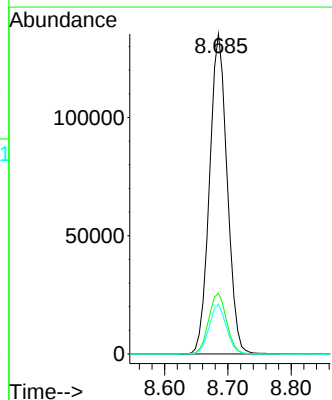
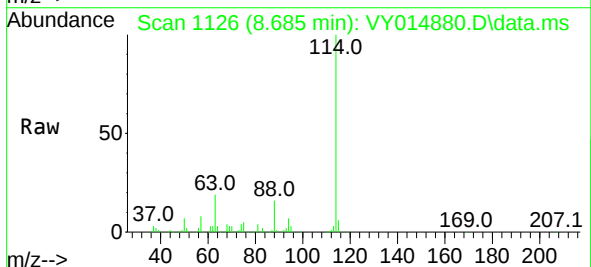
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-28-2-4-20230721

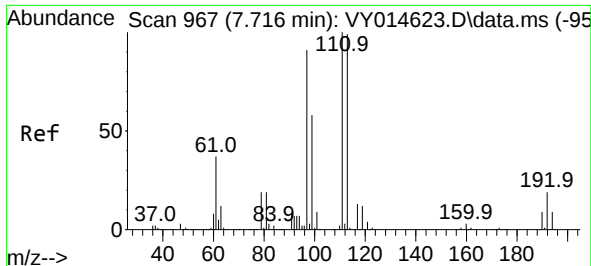
Tgt Ion: 65 Resp: 94827
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014880.D
 Acq: 27 Jul 2023 14:19

Tgt Ion: 114 Resp: 262148
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 15.6 0.0 30.6

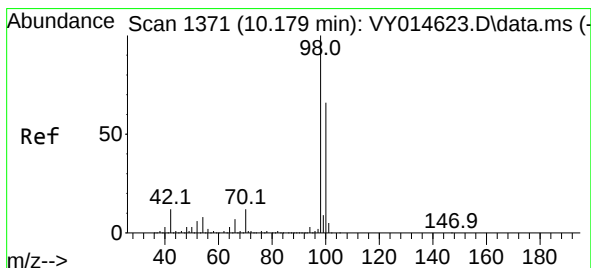
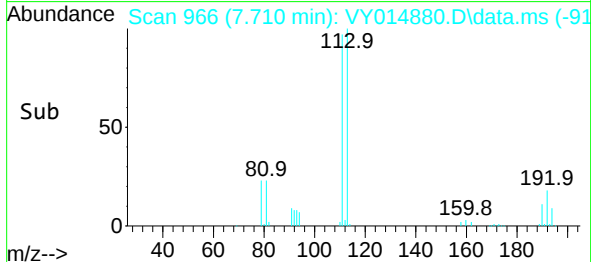
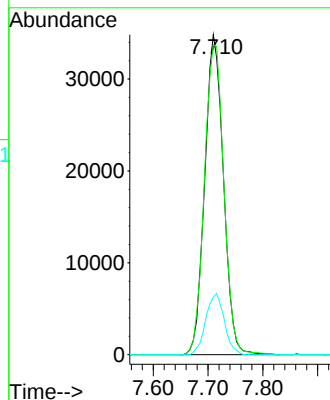
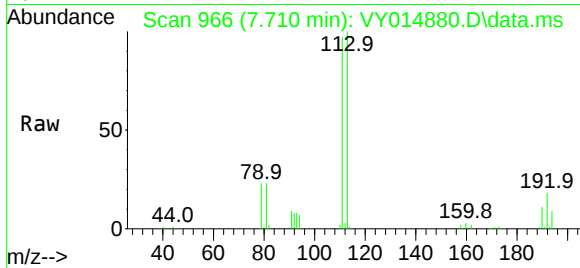




#35
Dibromofluoromethane
Concen: 49.378 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

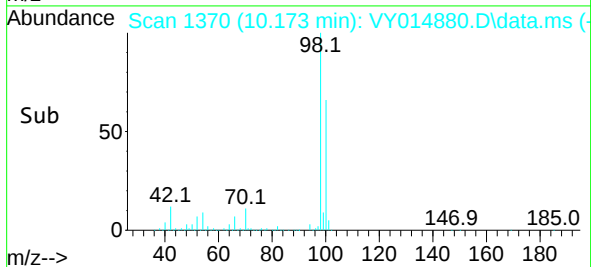
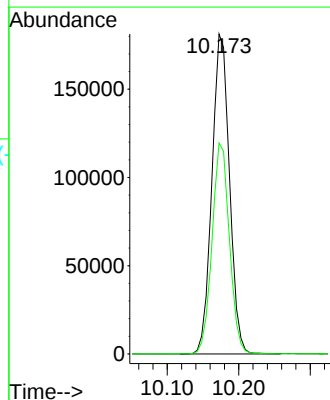
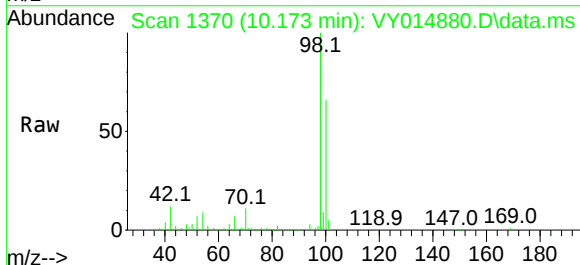
Instrument :
MSVOA_Y
ClientSampleId :
SB-28-2-4-20230721

Tgt Ion:113 Resp: 82400
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 50.164 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014880.D
Acq: 27 Jul 2023 14:19

Tgt Ion: 98 Resp: 308629
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 49.414 ug/l

RT: 12.477 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014880.D

Acq: 27 Jul 2023 14:19

Instrument :

MSVOA_Y

ClientSampleId :

SB-28-2-4-20230721

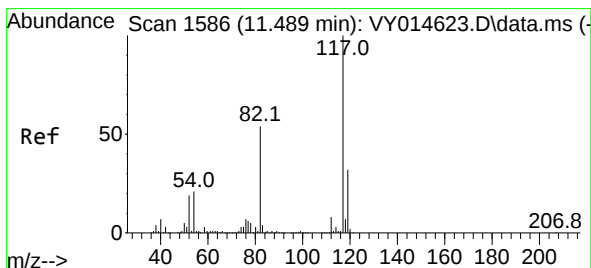
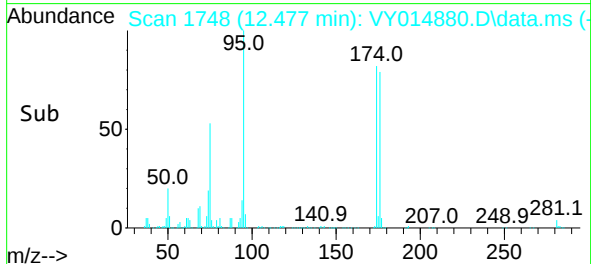
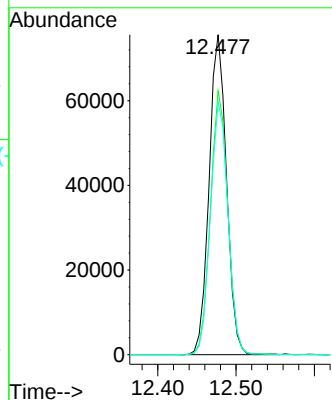
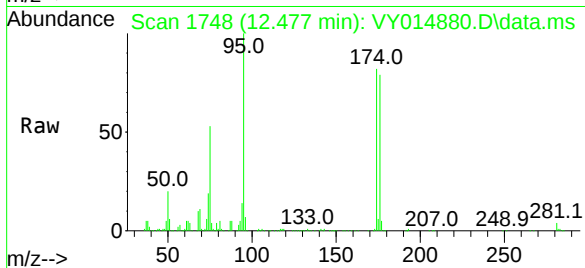
Tgt Ion: 95 Resp: 116570

Ion Ratio Lower Upper

95 100

174 82.4 0.0 178.2

176 80.1 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1585

Delta R.T. -0.006 min

Lab File: VY014880.D

Acq: 27 Jul 2023 14:19

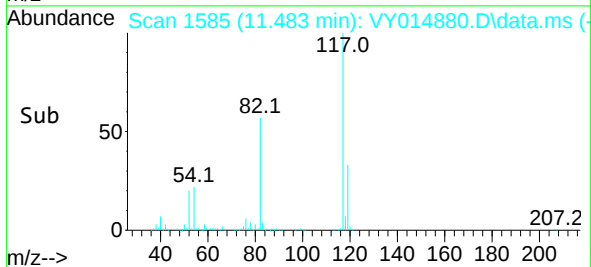
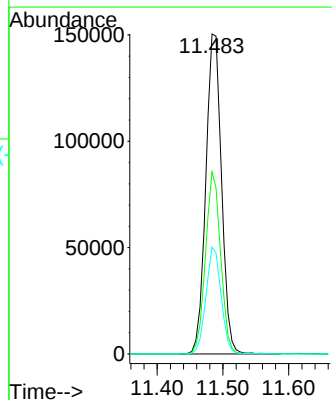
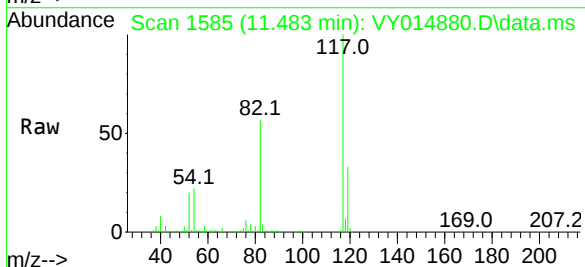
Tgt Ion: 117 Resp: 250051

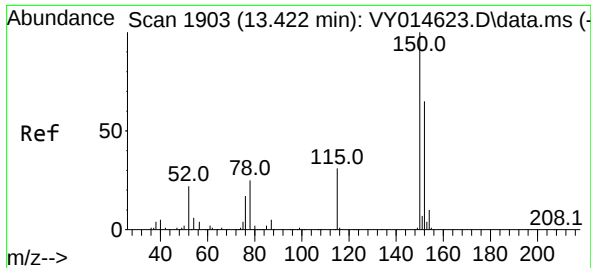
Ion Ratio Lower Upper

117 100

82 56.9 43.4 65.0

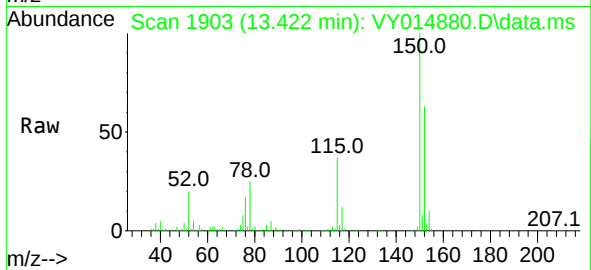
119 33.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY014880.D
 Acq: 27 Jul 2023 14:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-28-2-4-20230721



Tgt Ion:152 Resp: 122023
 Ion Ratio Lower Upper
 152 100
 115 59.7 28.8 86.5
 150 157.3 0.0 348.8

