

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014808.D
 Acq On : 25 Jul 2023 17:44
 Operator : SY/MD
 Sample : 03736-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-5-072423

Quant Time: Jul 26 01:21:16 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	166388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	276708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131635	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103841	54.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.540%
35) Dibromofluoromethane	7.710	113	91891	49.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.380%
50) Toluene-d8	10.179	98	344605	50.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.477	95	127343	48.226	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.460%

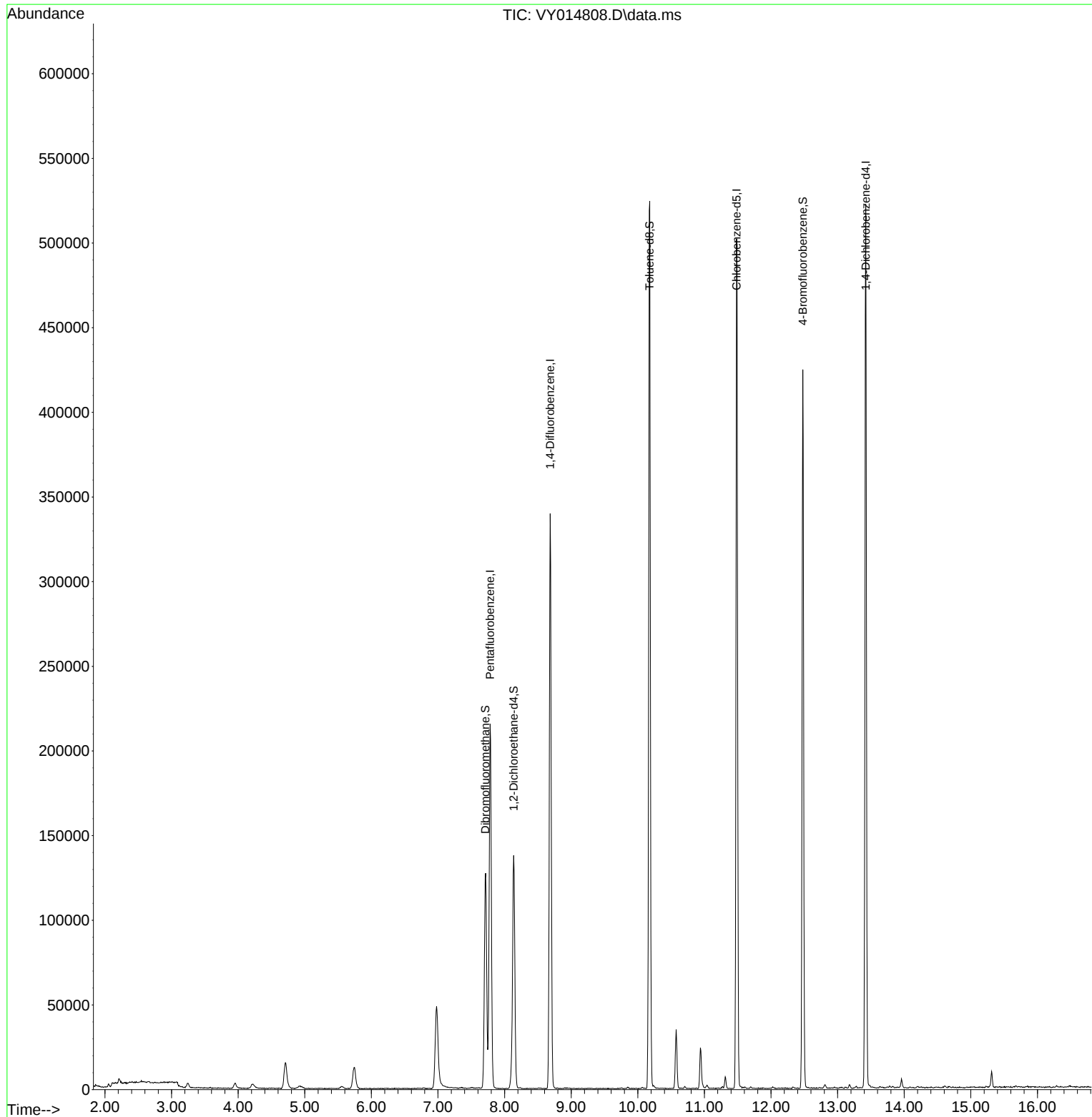
Target Compounds	Qvalue

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

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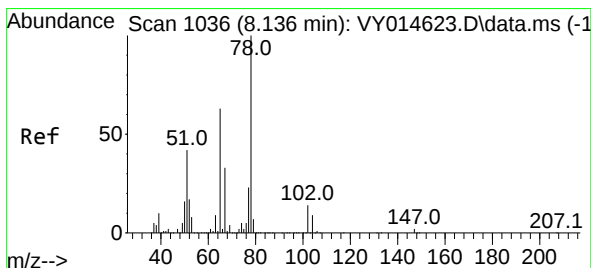
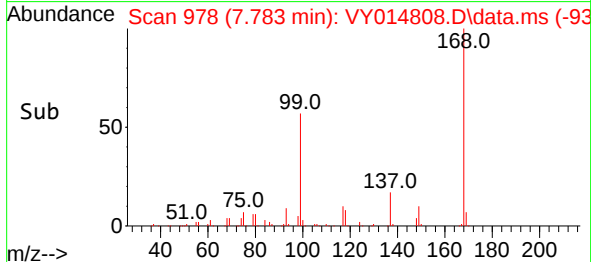
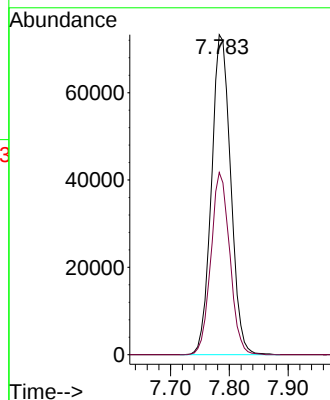
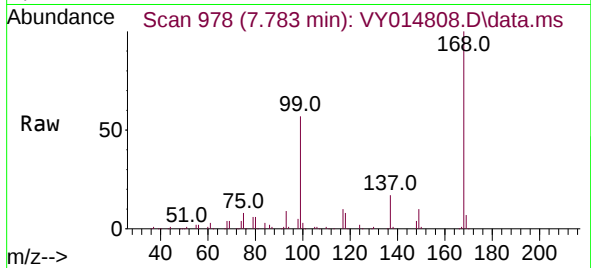




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014808.D
Acq: 25 Jul 2023 17:44

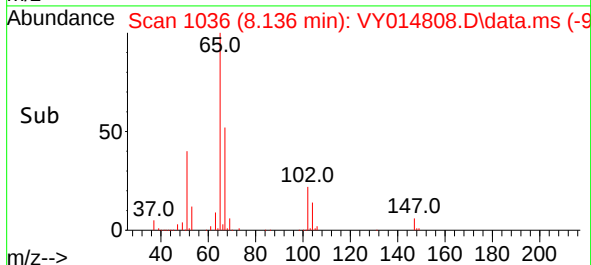
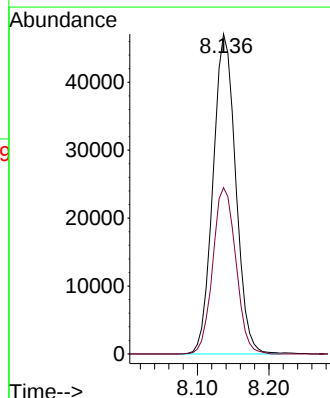
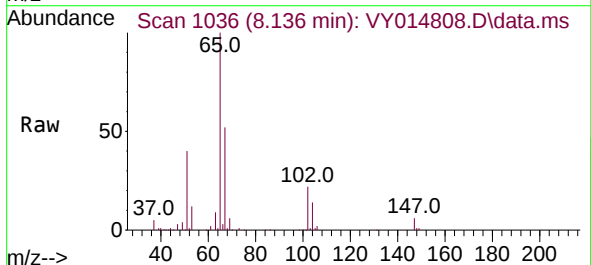
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-072423

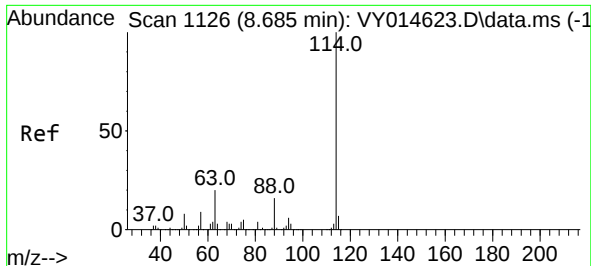
Tgt Ion:168 Resp: 166388
Ion Ratio Lower Upper
168 100
99 57.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.767 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014808.D
Acq: 25 Jul 2023 17:44

Tgt Ion: 65 Resp: 103841
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8

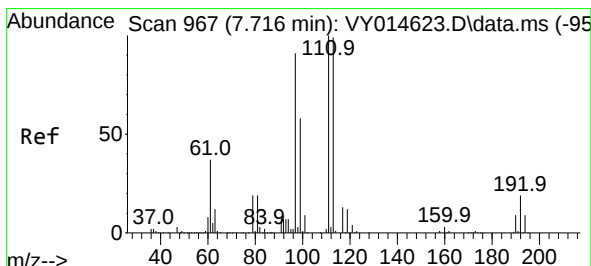
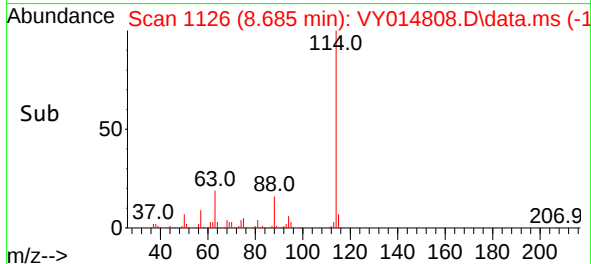
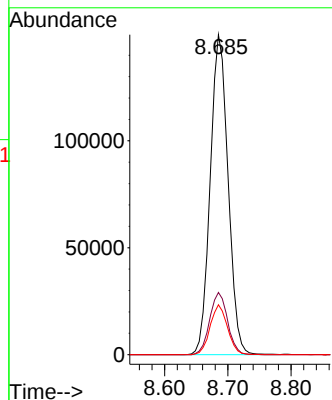
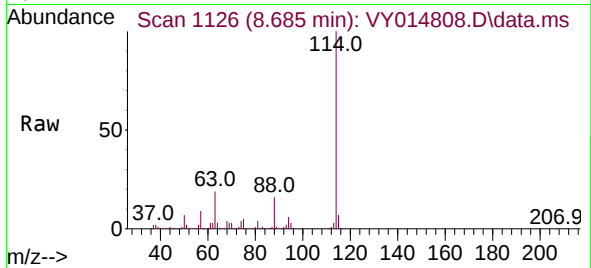




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014808.D
Acq: 25 Jul 2023 17:44

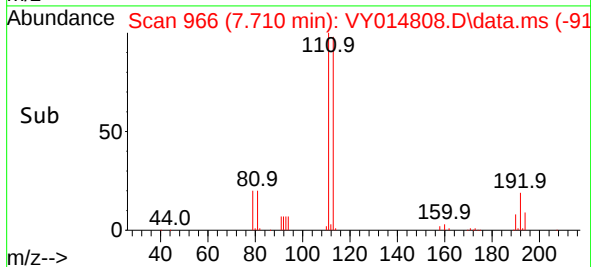
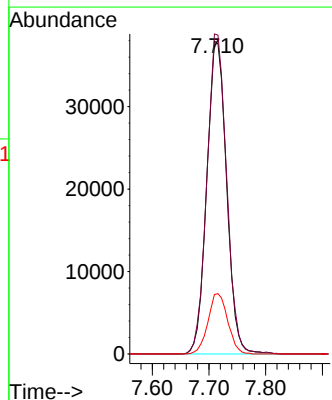
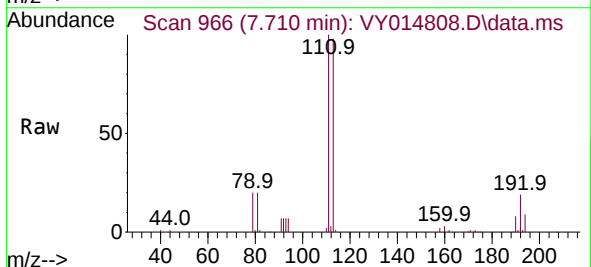
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-072423

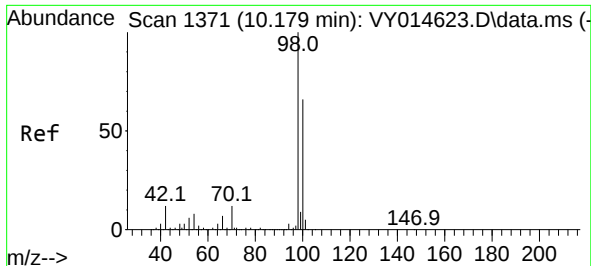
Tgt Ion:114 Resp: 293429
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.195 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014808.D
Acq: 25 Jul 2023 17:44

Tgt Ion:113 Resp: 91891
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.3 16.9 25.3

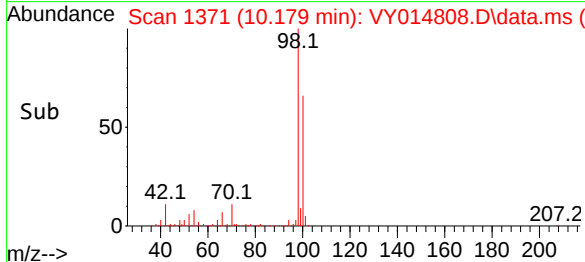
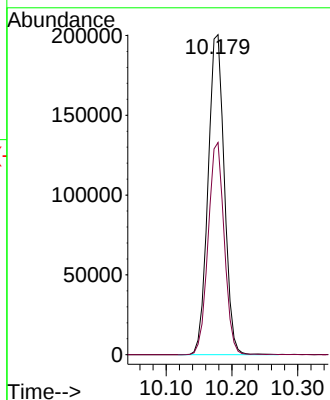
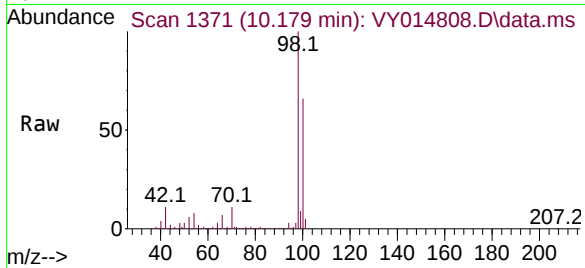




#50
Toluene-d8
Concen: 50.040 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014808.D
Acq: 25 Jul 2023 17:44

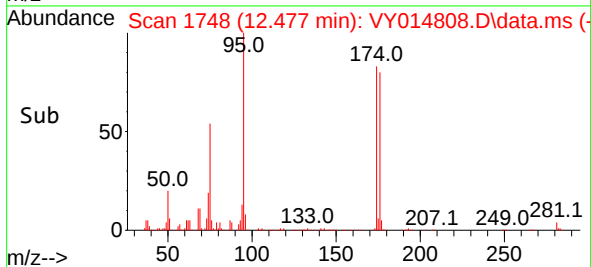
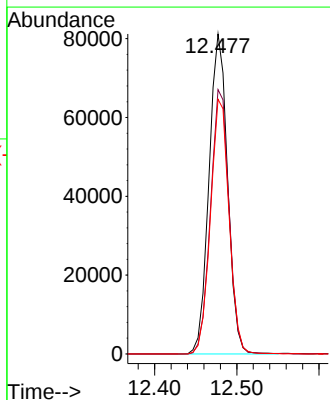
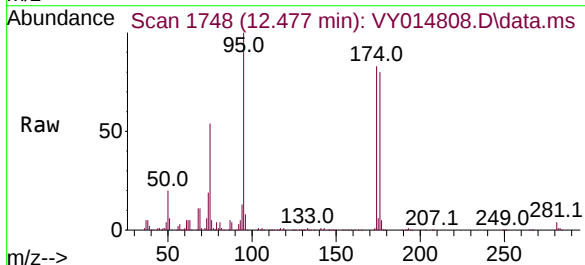
Instrument :
MSVOA_Y
ClientSampleId :
TR-5-072423

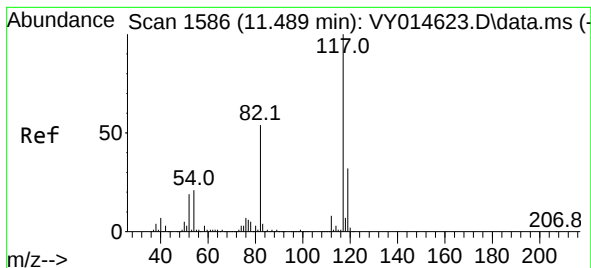
Tgt Ion: 98 Resp: 344605
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.226 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014808.D
Acq: 25 Jul 2023 17:44

Tgt Ion: 95 Resp: 127343
Ion Ratio Lower Upper
95 100
174 82.7 0.0 178.2
176 79.8 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: VY014808.D

Acq: 25 Jul 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

TR-5-072423

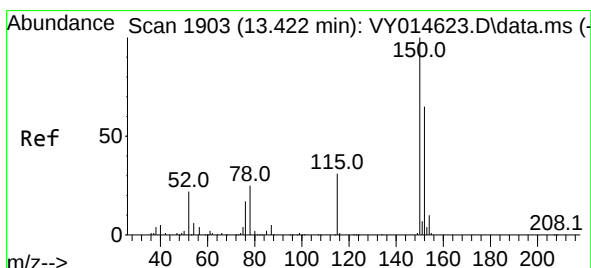
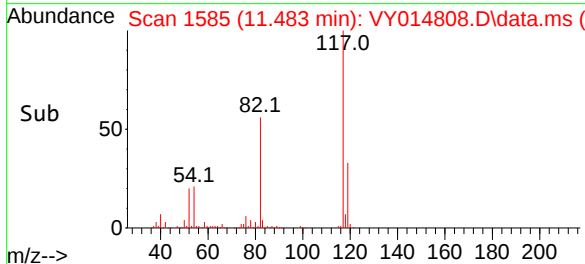
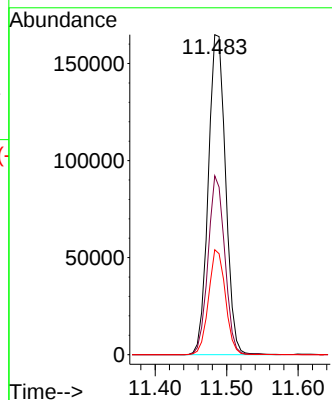
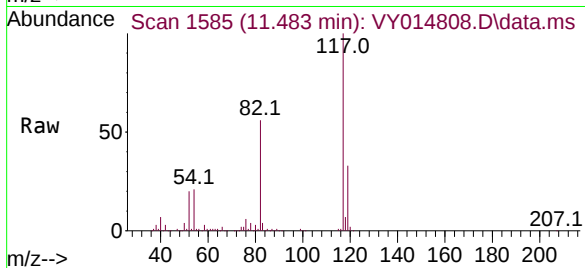
Tgt Ion:117 Resp: 276708

Ion Ratio Lower Upper

117 100

82 55.9 43.4 65.0

119 32.8 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: VY014808.D

Acq: 25 Jul 2023 17:44

Tgt Ion:152 Resp: 131635

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 157.5 0.0 348.8

