

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072423\
 Data File : VY014776.D
 Acq On : 24 Jul 2023 16:42
 Operator : SY/MD
 Sample : 03707-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-072023

Quant Time: Jul 25 01:30:10 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	176489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	307901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	292196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110362	54.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.740%
35) Dibromofluoromethane	7.710	113	96015	48.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.980%
50) Toluene-d8	10.173	98	365484	50.578	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.477	95	135291	48.827	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.660%

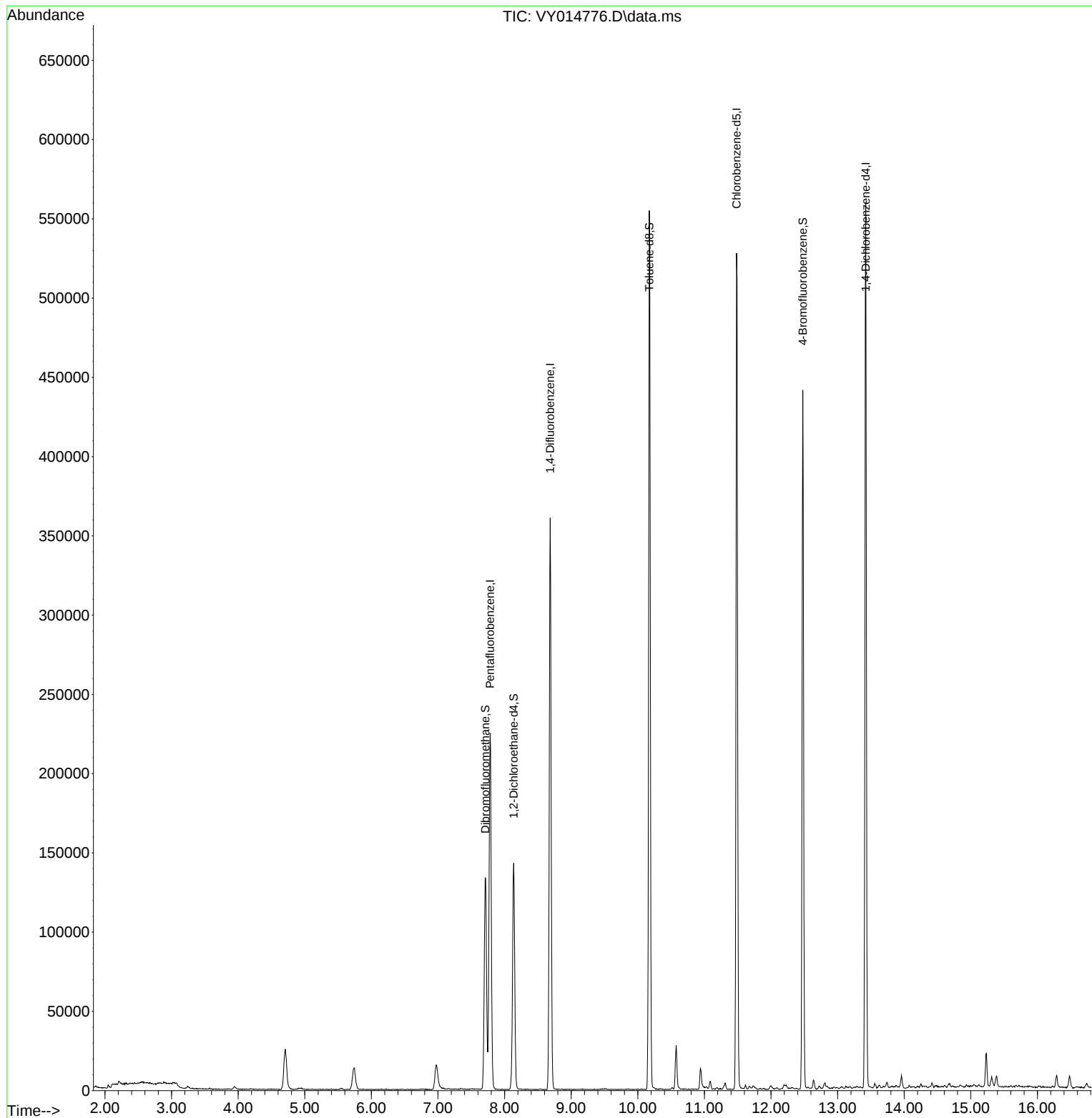
Target Compounds	Qvalue

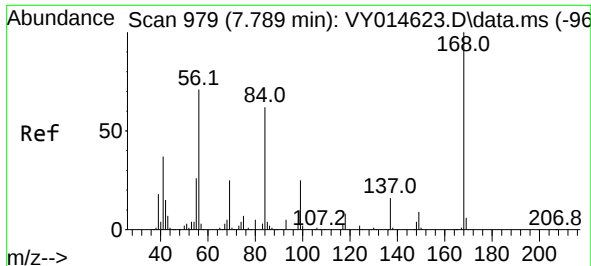
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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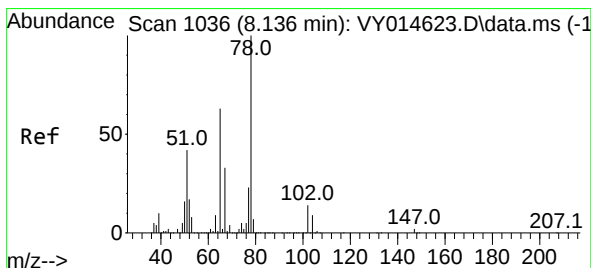
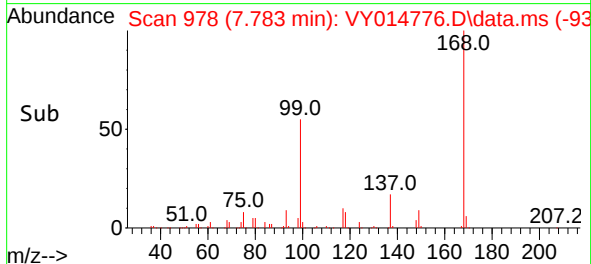
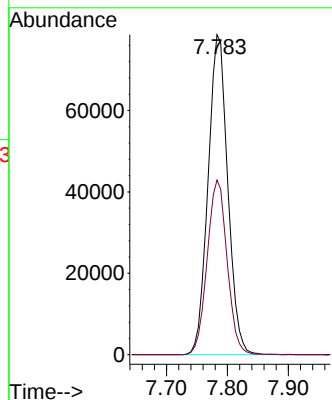
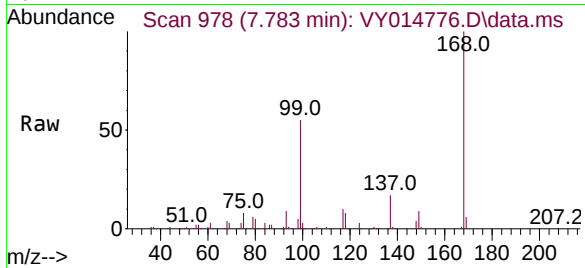




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

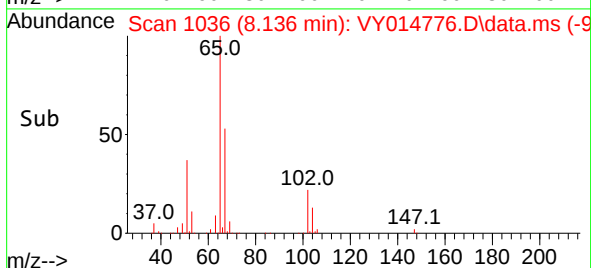
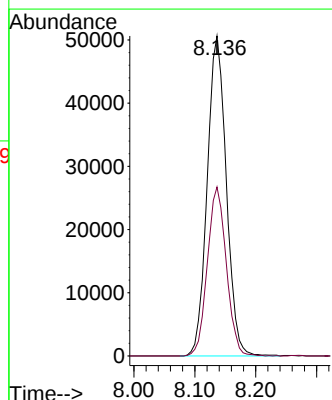
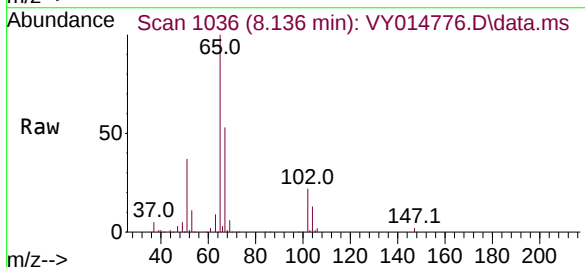
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-072023

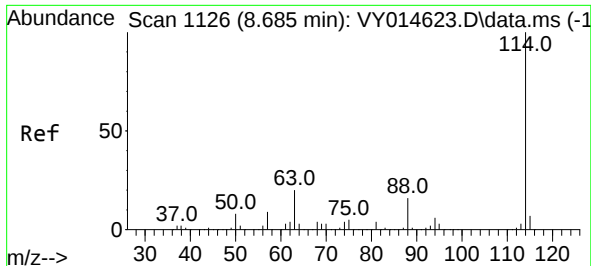
Tgt Ion:168 Resp: 176489
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.875 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

Tgt Ion: 65 Resp: 110362
Ion Ratio Lower Upper
65 100
67 52.3 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: VY014776.D

Acq: 24 Jul 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-072023

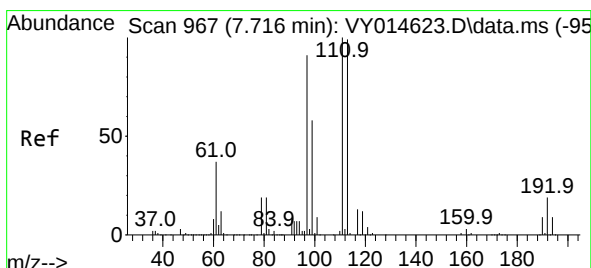
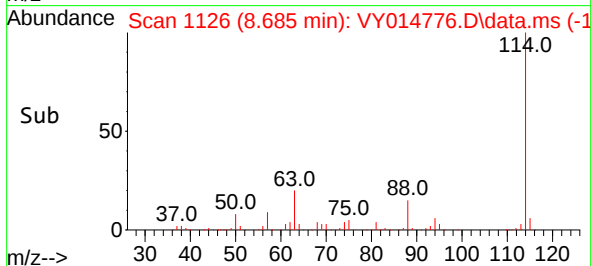
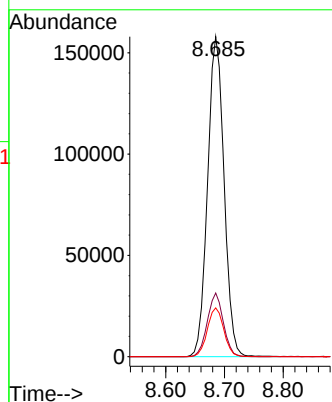
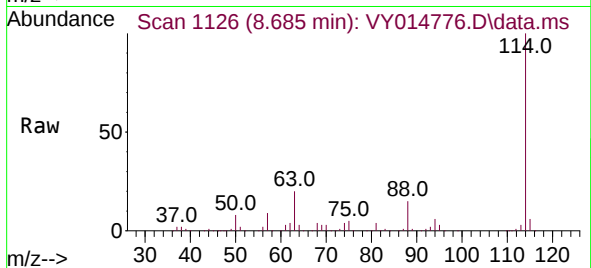
Tgt Ion:114 Resp: 307901

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.987 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014776.D

Acq: 24 Jul 2023 16:42

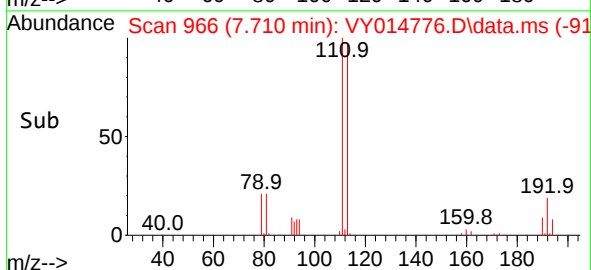
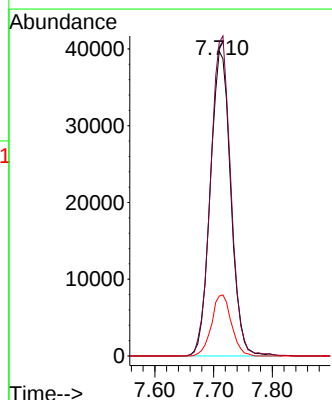
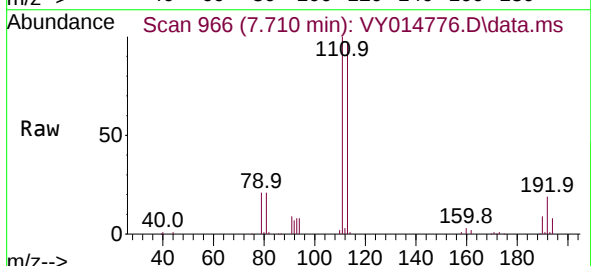
Tgt Ion:113 Resp: 96015

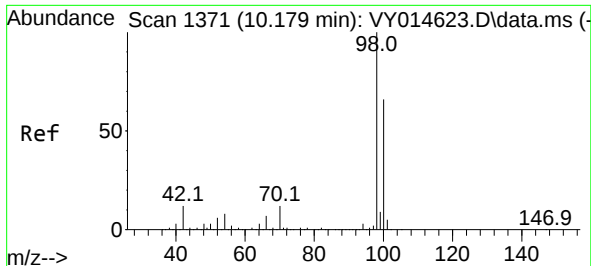
Ion Ratio Lower Upper

113 100

111 103.9 81.3 121.9

192 19.4 16.9 25.3

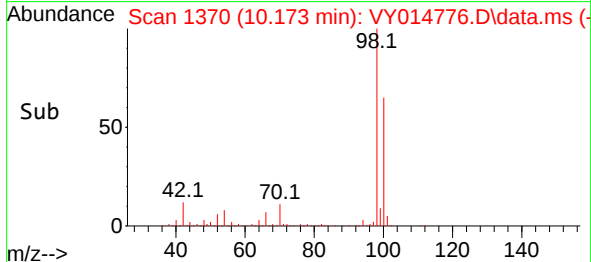
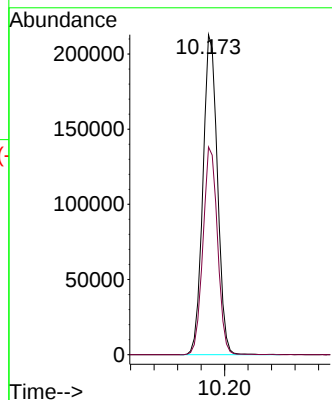
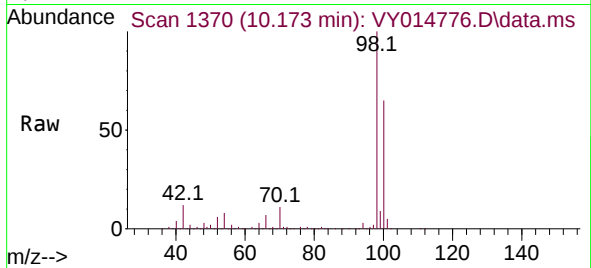




#50
Toluene-d8
Concen: 50.578 ug/l
RT: 10.173 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

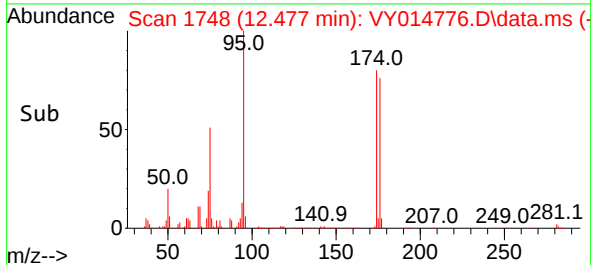
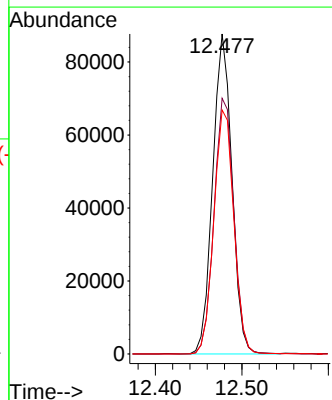
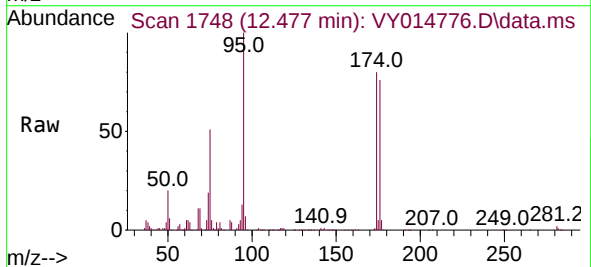
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EO-01-072023

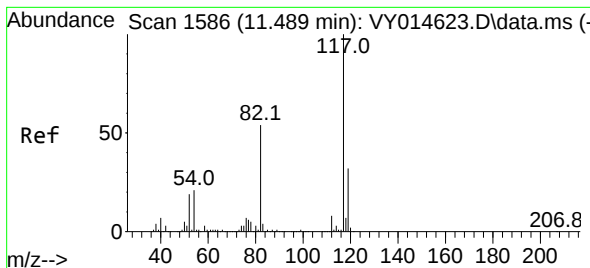
Tgt Ion: 98 Resp: 365484
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.827 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014776.D
Acq: 24 Jul 2023 16:42

Tgt Ion: 95 Resp: 135291
Ion Ratio Lower Upper
95 100
174 82.2 0.0 178.2
176 79.3 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: VY014776.D

Acq: 24 Jul 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-072023

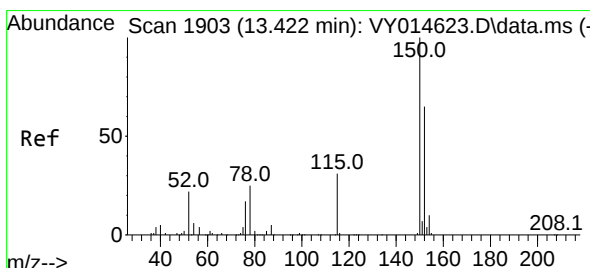
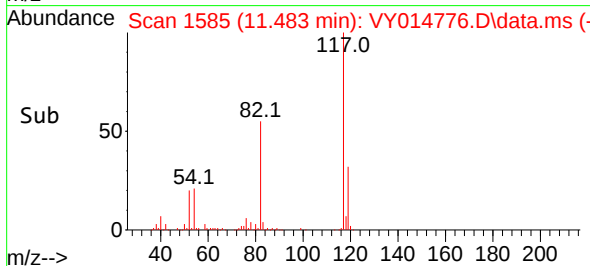
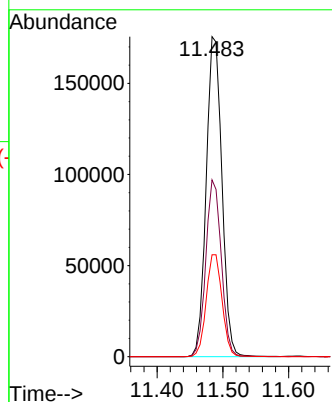
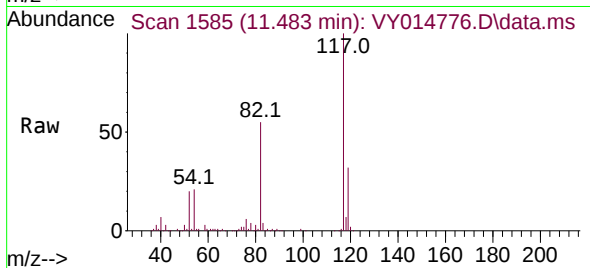
Tgt Ion:117 Resp: 292196

Ion Ratio Lower Upper

117 100

82 55.3 43.4 65.0

119 31.8 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: VY014776.D

Acq: 24 Jul 2023 16:42

Tgt Ion:152 Resp: 140102

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 157.3 0.0 348.8

