

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014542.D
 Acq On : 03 Jul 2023 17:56
 Operator : KP/MD
 Sample : 03412-04RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUCT-2RE

Quant Time: Jul 04 03:04:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	193638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	282815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137652	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102935	53.437	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.880%
35) Dibromofluoromethane	7.710	113	96677	52.915	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.820%
50) Toluene-d8	10.179	98	347372	48.096	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.477	95	113284	45.170	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.340%

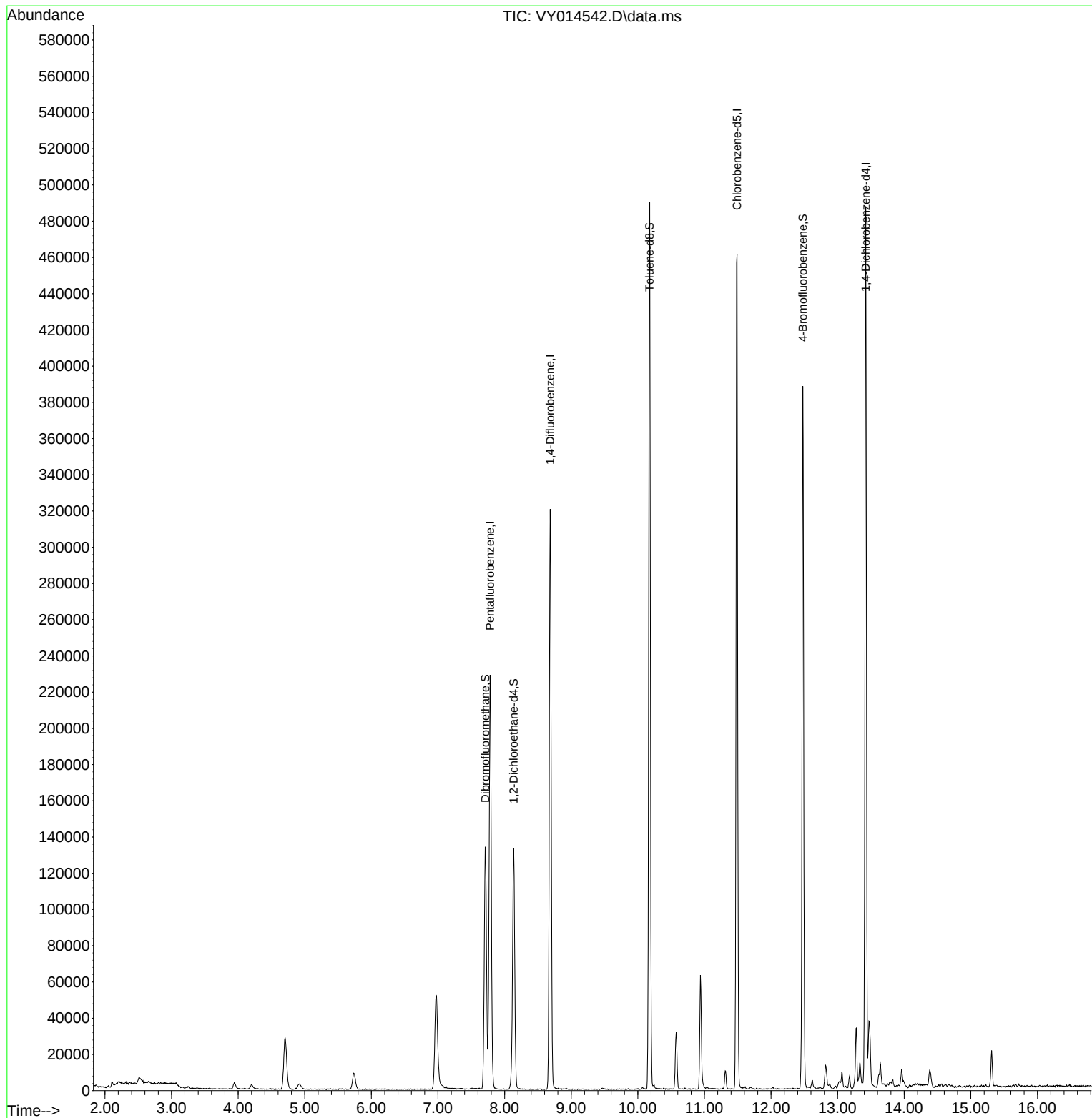
Target Compounds	Qvalue

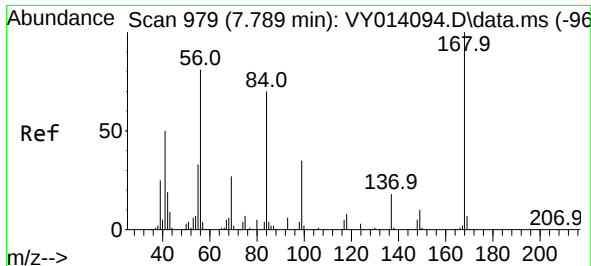
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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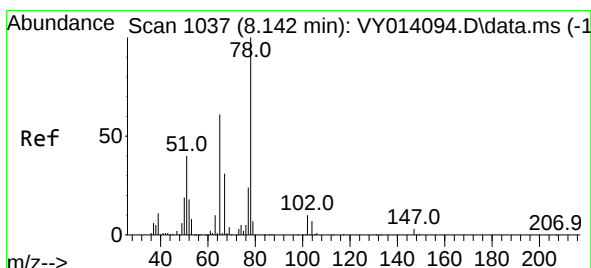
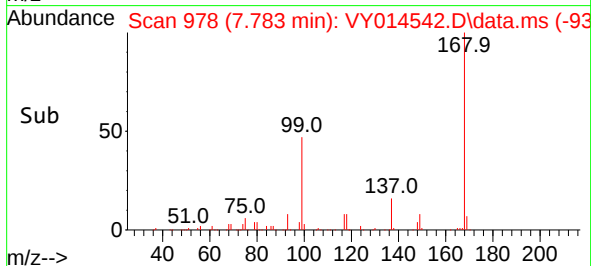
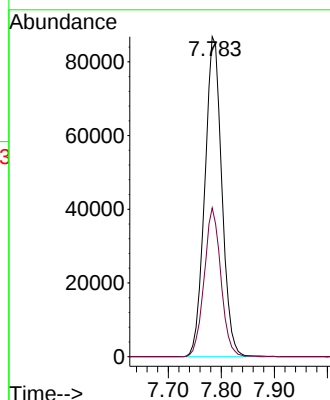
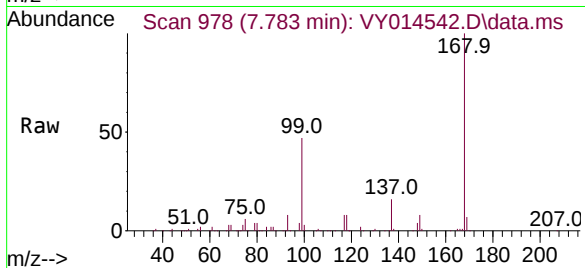




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014542.D
Acq: 03 Jul 2023 17:56

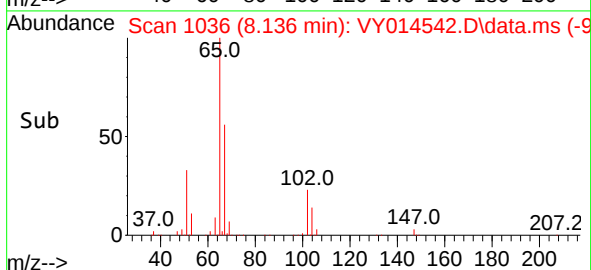
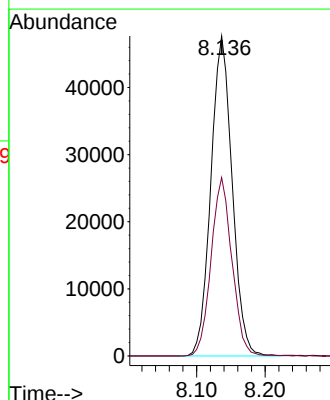
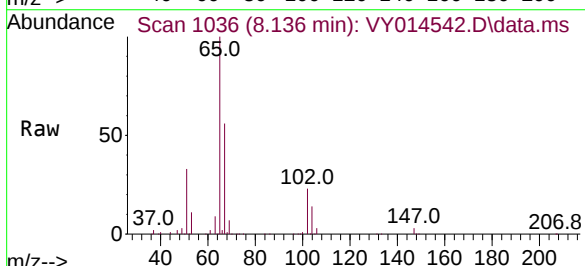
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-2RE

Tgt Ion:168 Resp: 193638
Ion Ratio Lower Upper
168 100
99 46.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.437 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014542.D
Acq: 03 Jul 2023 17:56

Tgt Ion: 65 Resp: 102935
Ion Ratio Lower Upper
65 100
67 54.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014542.D

Acq: 03 Jul 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

DUCT-2RE

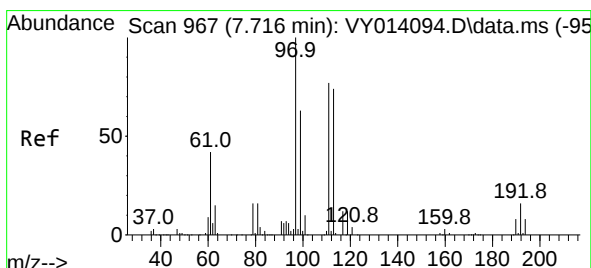
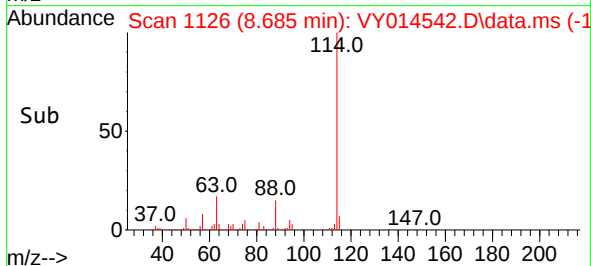
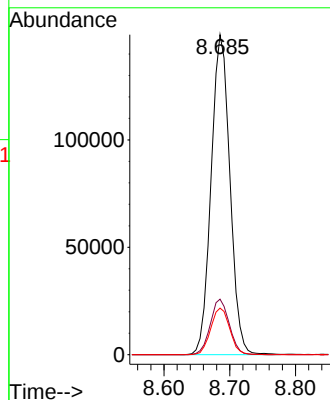
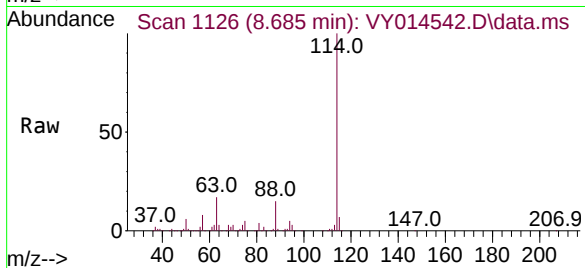
Tgt Ion:114 Resp: 296689

Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.915 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014542.D

Acq: 03 Jul 2023 17:56

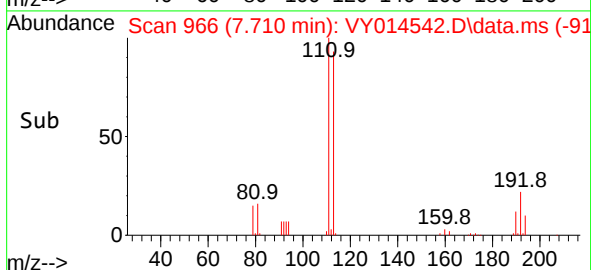
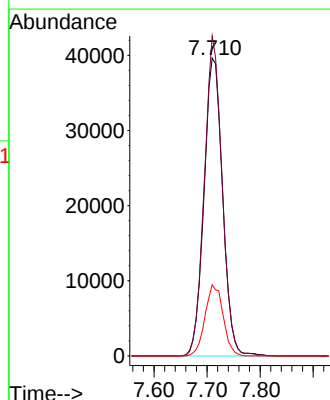
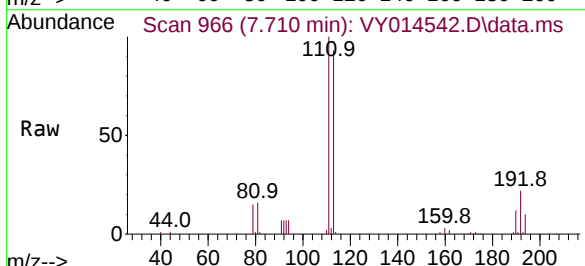
Tgt Ion:113 Resp: 96677

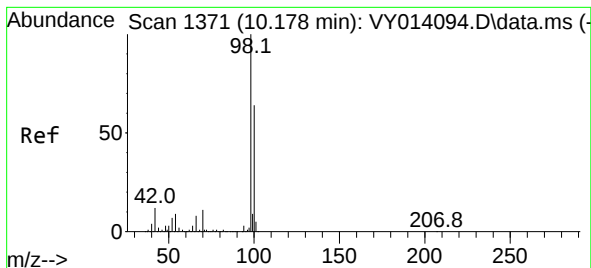
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 23.2 16.9 25.3

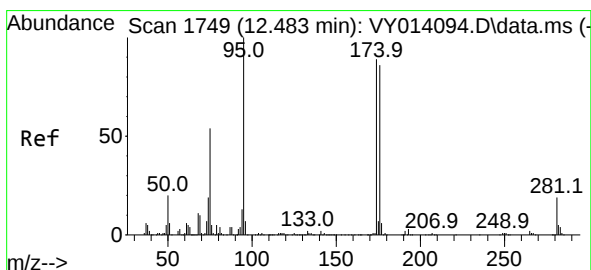
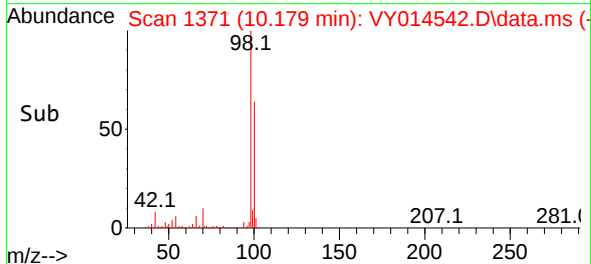
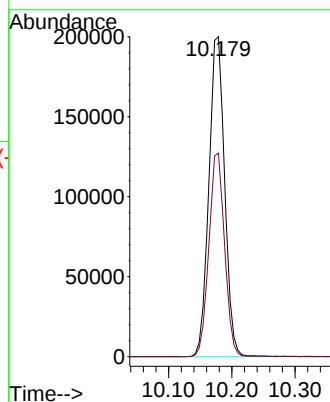
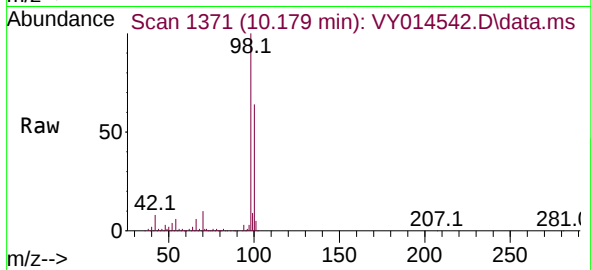




#50
Toluene-d8
Concen: 48.096 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014542.D
Acq: 03 Jul 2023 17:56

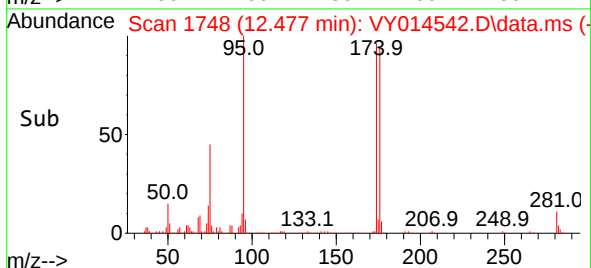
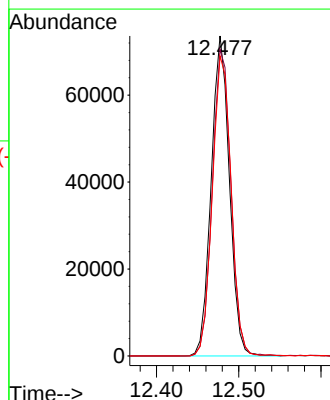
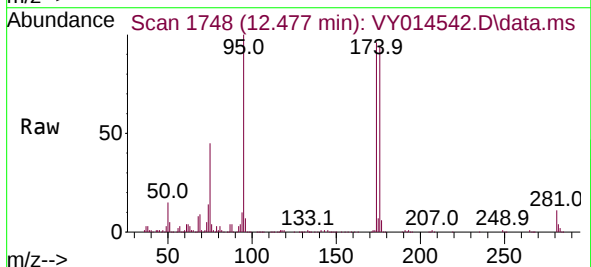
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-2RE

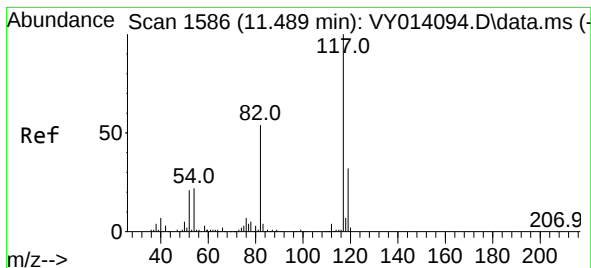
Tgt Ion: 98 Resp: 347372
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.170 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014542.D
Acq: 03 Jul 2023 17:56

Tgt Ion: 95 Resp: 113284
Ion Ratio Lower Upper
95 100
174 98.0 0.0 178.2
176 96.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014542.D

Acq: 03 Jul 2023 17:56

Instrument :

MSVOA_Y

ClientSampleId :

DUCT-2RE

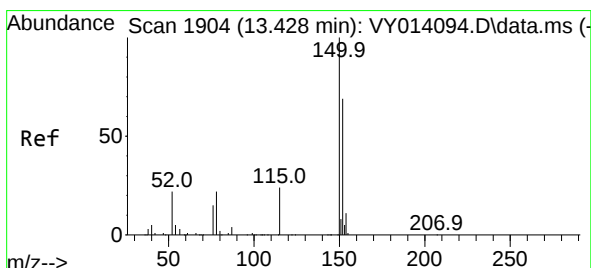
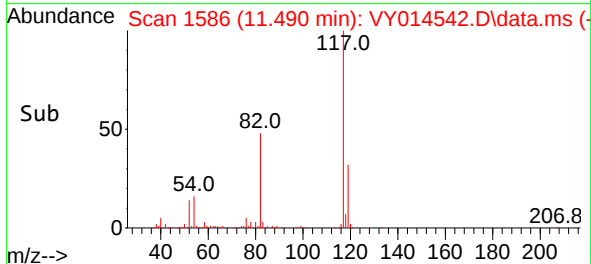
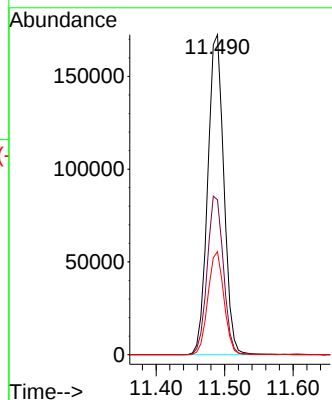
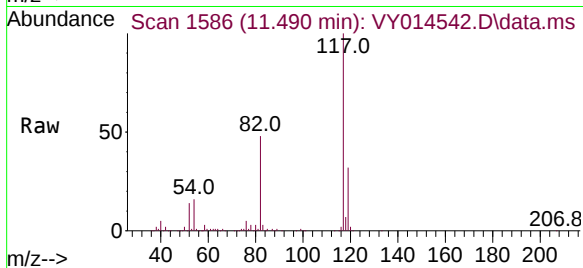
Tgt Ion:117 Resp: 282815

Ion Ratio Lower Upper

117 100

82 48.4 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. -0.006 min

Lab File: VY014542.D

Acq: 03 Jul 2023 17:56

Tgt Ion:152 Resp: 137652

Ion Ratio Lower Upper

152 100

115 53.3 28.8 86.5

150 155.3 0.0 348.8

