

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014328.D
 Acq On : 21 Jun 2023 11:26
 Operator : KP/MD
 Sample : VY0621SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0621SBL01

Quant Time: Jun 22 01:55:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	189672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	301190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	283233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	130003	49.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.440%
35) Dibromofluoromethane	7.716	113	100399	47.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.000%
50) Toluene-d8	10.179	98	363715	45.547	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.100%
62) 4-Bromofluorobenzene	12.483	95	114856	40.489	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.980%

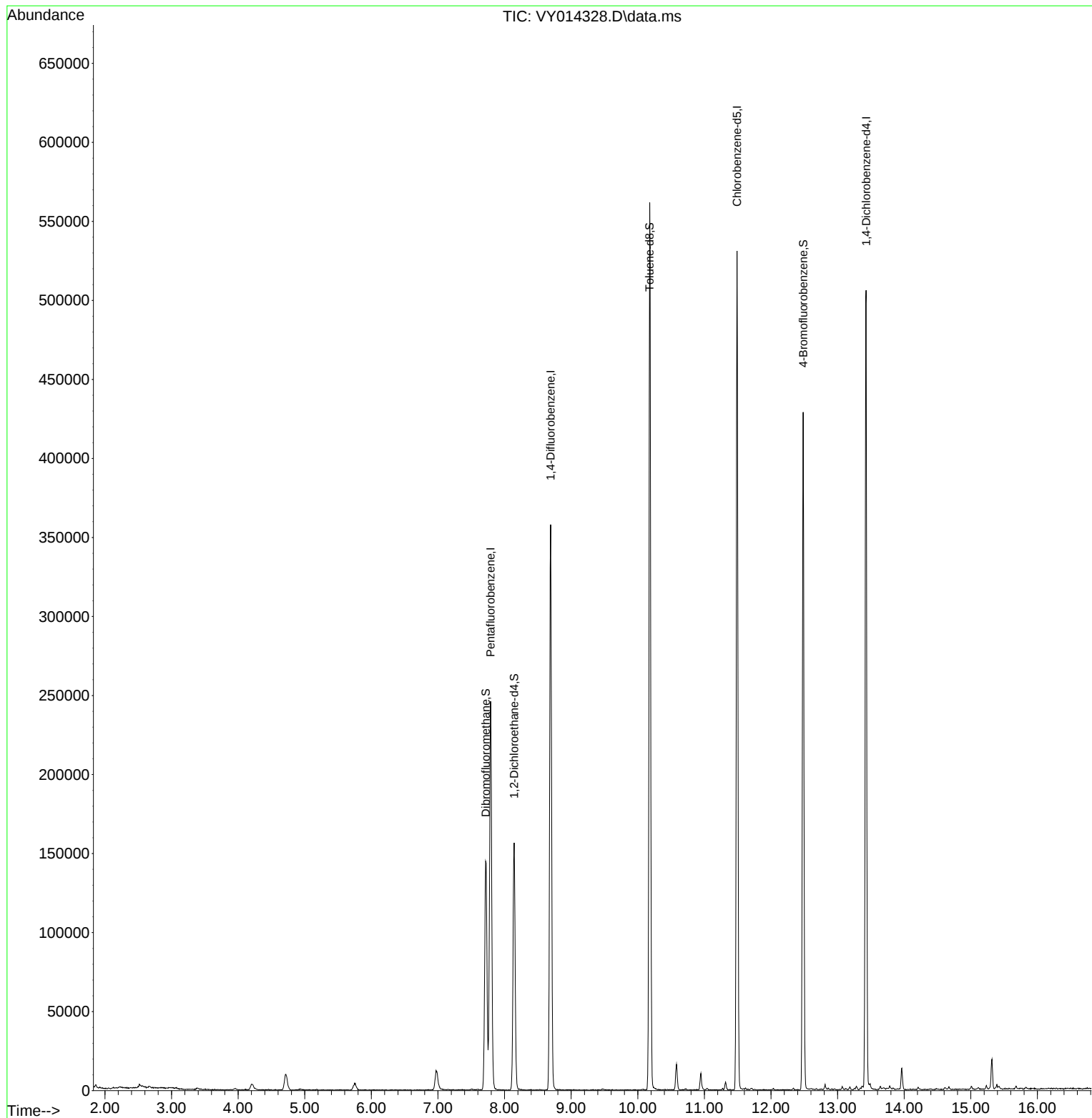
Target Compounds	Qvalue

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

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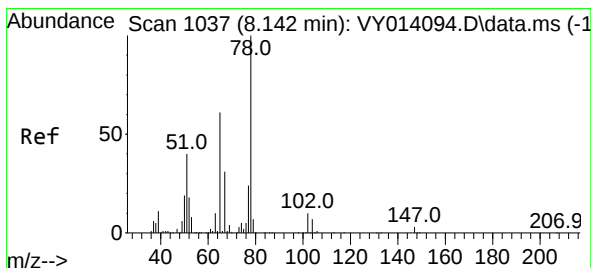
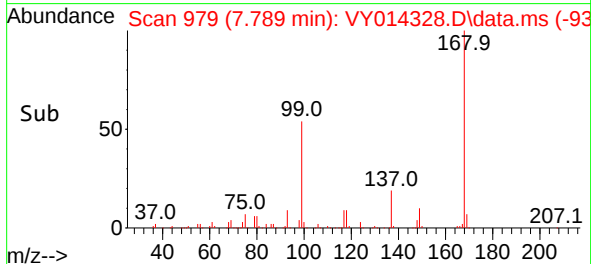
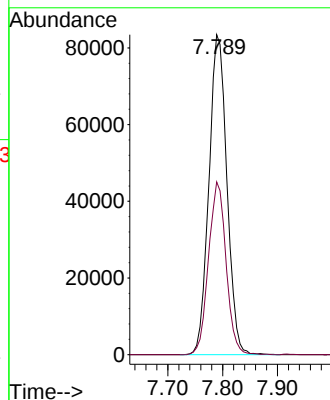
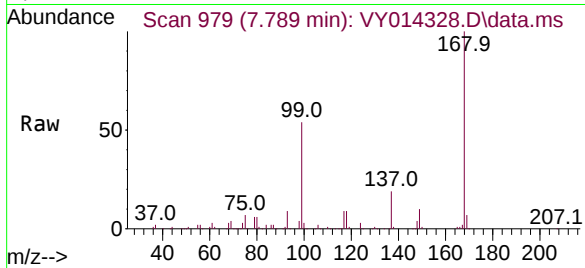




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014328.D
Acq: 21 Jun 2023 11:26

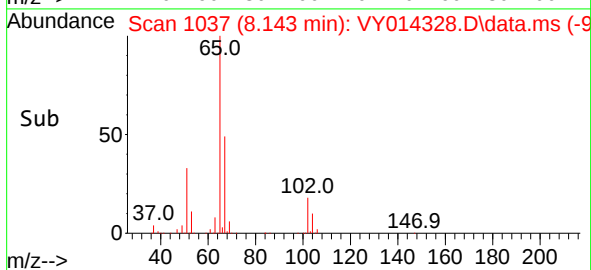
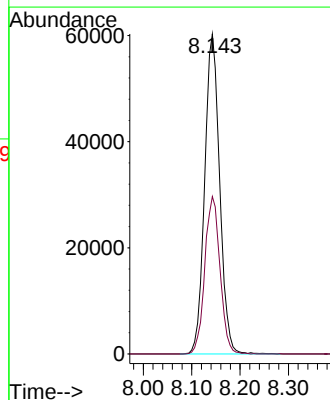
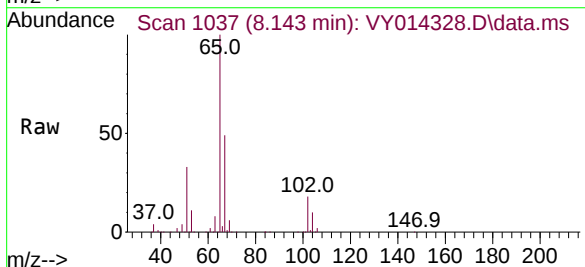
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

Tgt Ion:168 Resp: 189672
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.221 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014328.D
Acq: 21 Jun 2023 11:26

Tgt Ion: 65 Resp: 130003
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014328.D

Acq: 21 Jun 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0621SBL01

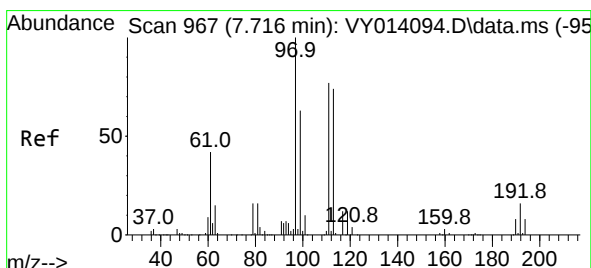
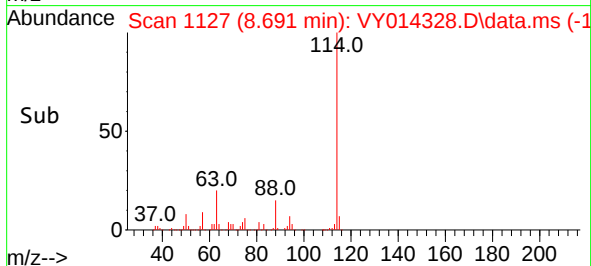
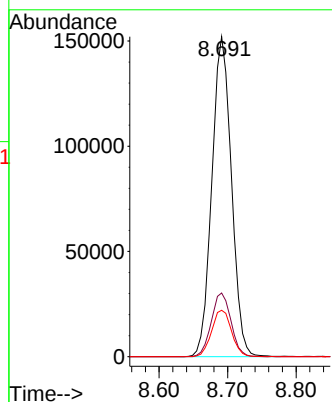
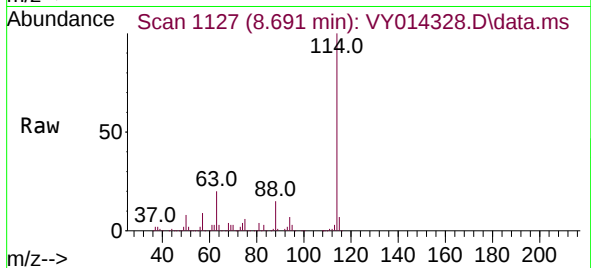
Tgt Ion:114 Resp: 301190

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.004 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014328.D

Acq: 21 Jun 2023 11:26

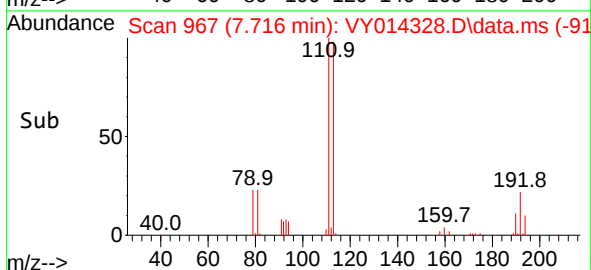
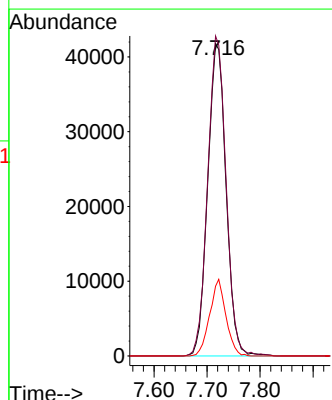
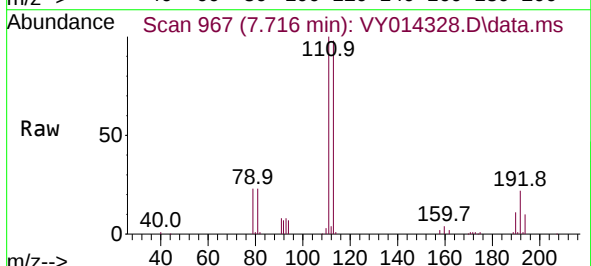
Tgt Ion:113 Resp: 100399

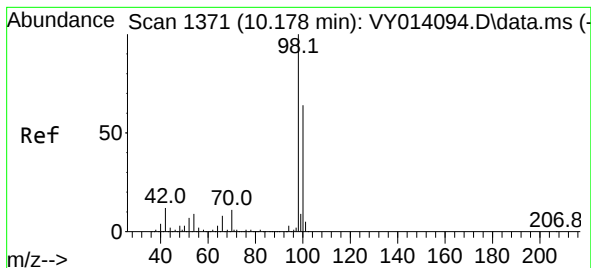
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 21.8 16.9 25.3





#50

Toluene-d8

Concen: 45.547 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014328.D

Acq: 21 Jun 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

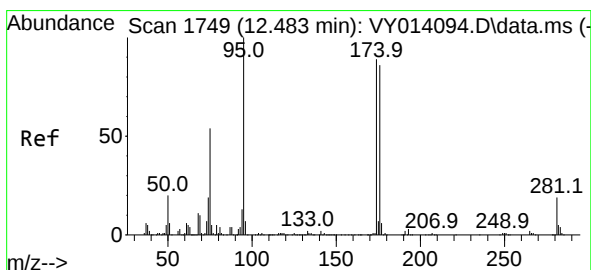
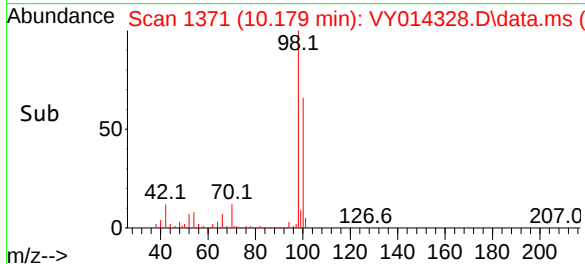
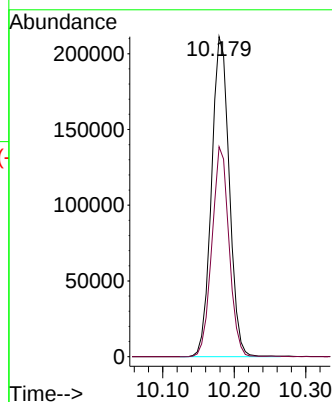
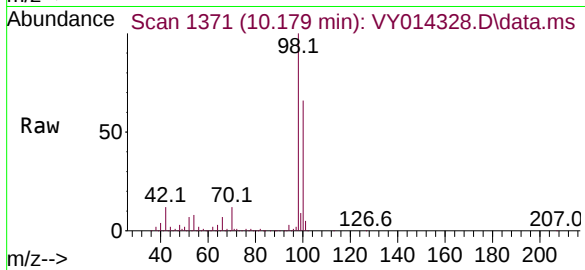
VY0621SBL01

Tgt Ion: 98 Resp: 363715

Ion Ratio Lower Upper

98 100

100 63.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 40.489 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014328.D

Acq: 21 Jun 2023 11:26

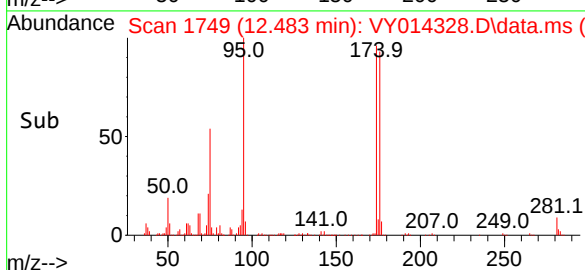
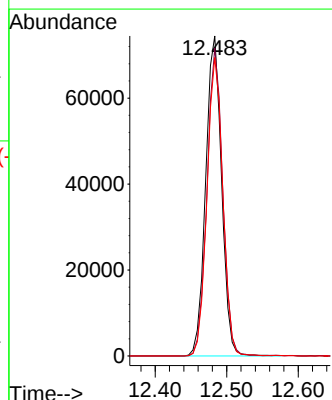
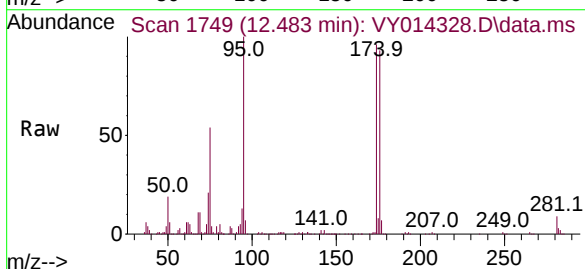
Tgt Ion: 95 Resp: 114856

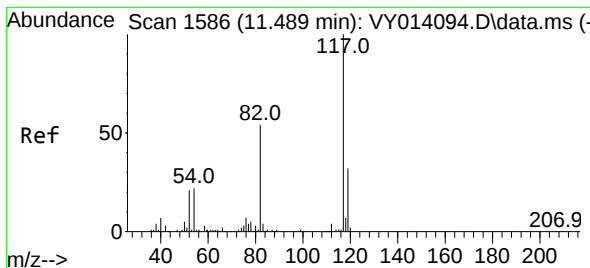
Ion Ratio Lower Upper

95 100

174 95.2 0.0 178.2

176 92.7 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: VY014328.D

Acq: 21 Jun 2023 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0621SBL01

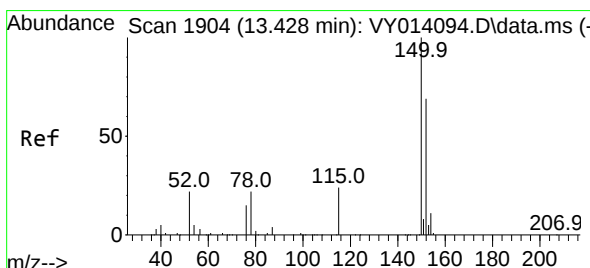
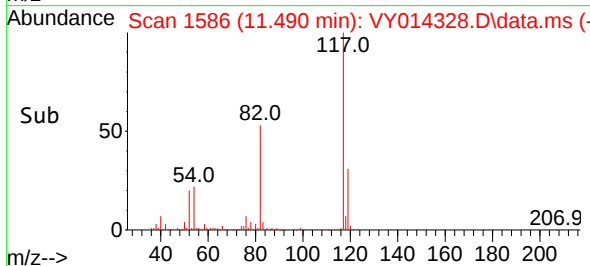
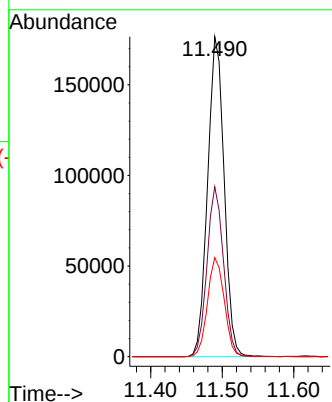
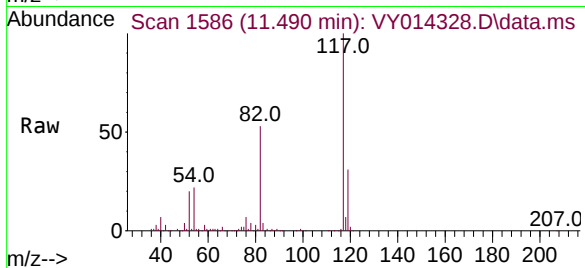
Tgt Ion:117 Resp: 283233

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 31.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014328.D

Acq: 21 Jun 2023 11:26

Tgt Ion:152 Resp: 131985

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 155.7 0.0 348.8

