

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014464.D
 Acq On : 27 Jun 2023 17:32
 Operator : KP/MD
 Sample : 03392-08
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-64

Quant Time: Jun 28 02:27:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	159841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	113946	57.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.840%
35) Dibromofluoromethane	7.716	113	80123	51.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.179	98	297419	48.434	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.483	95	91335	41.662	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.320%

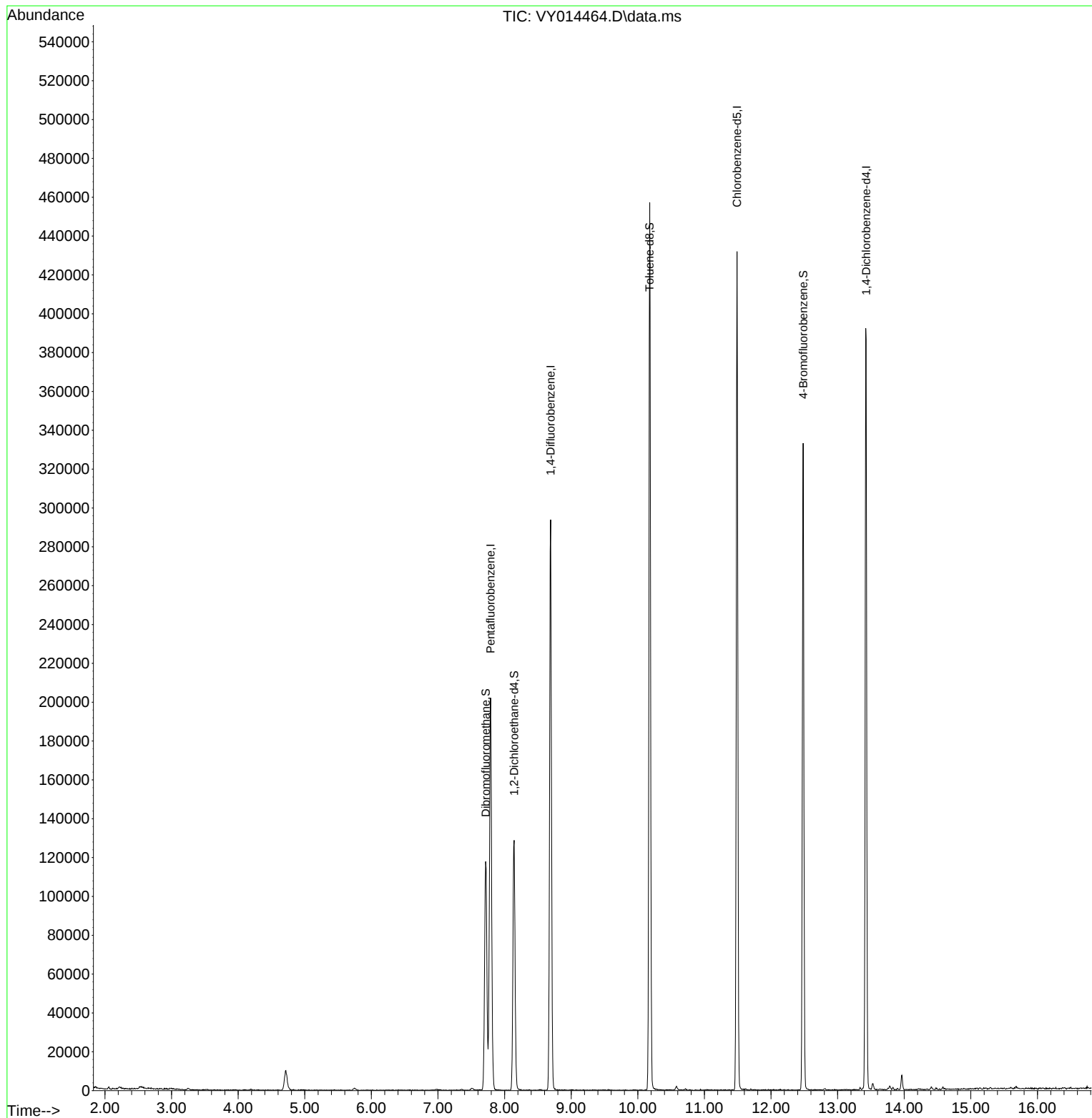
Target Compounds	Qvalue

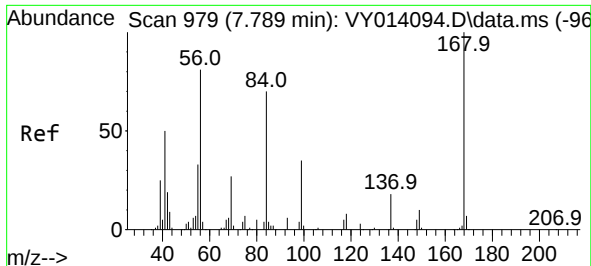
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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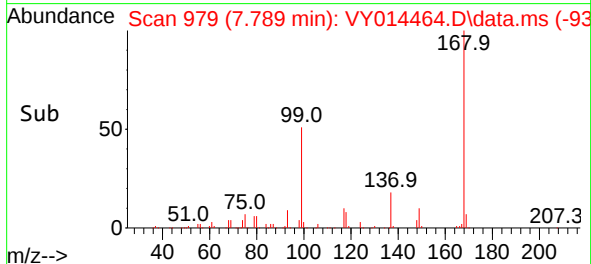
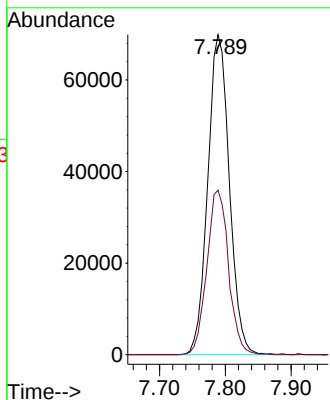
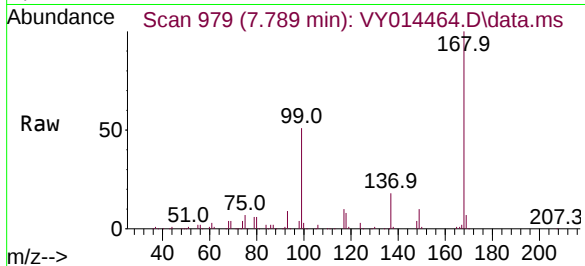




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014464.D
Acq: 27 Jun 2023 17:32

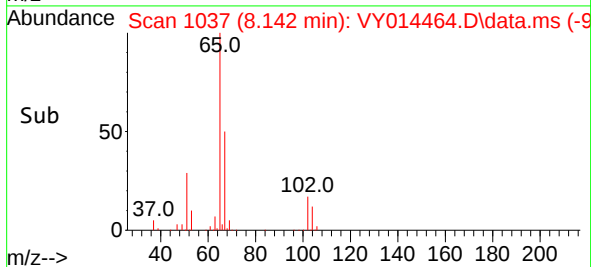
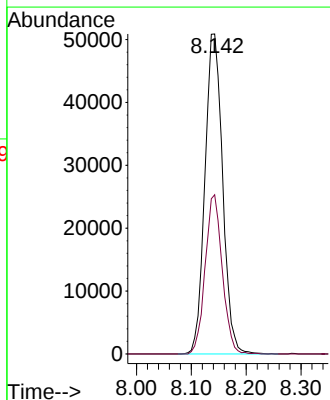
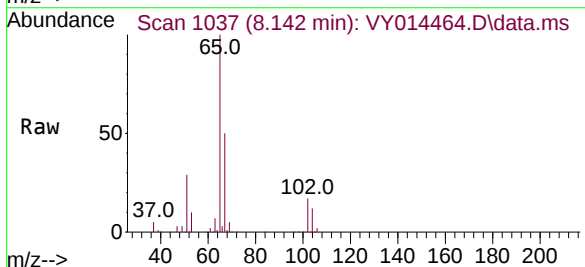
Instrument :
MSVOA_Y
ClientSampleId :
SB-64

Tgt Ion:168 Resp: 159841
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.416 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014464.D
Acq: 27 Jun 2023 17:32

Tgt Ion: 65 Resp: 113946
Ion Ratio Lower Upper
65 100
67 48.0 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: VY014464.D

Acq: 27 Jun 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-64

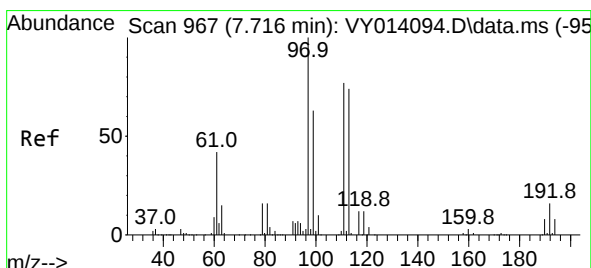
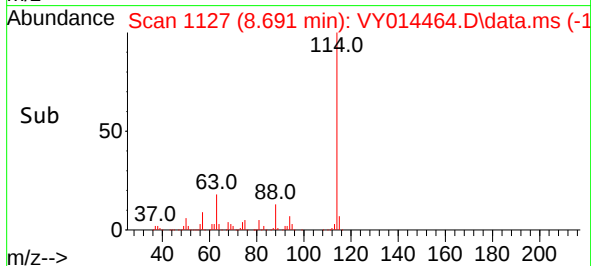
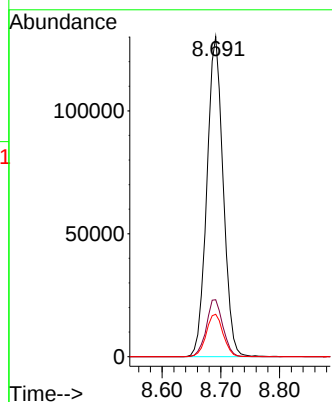
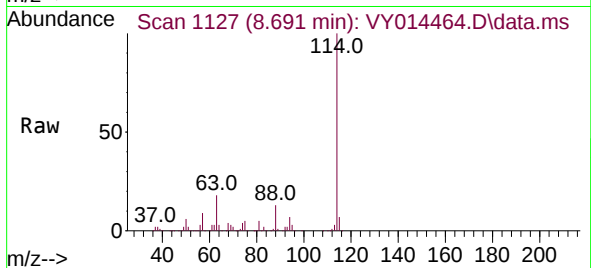
Tgt Ion:114 Resp: 250037

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 13.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.867 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014464.D

Acq: 27 Jun 2023 17:32

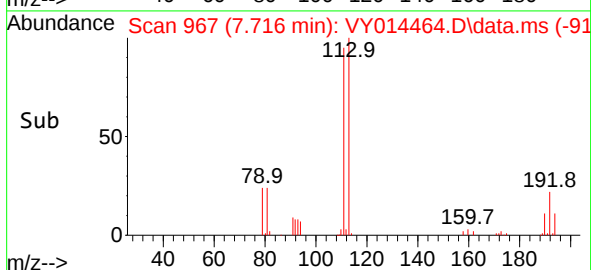
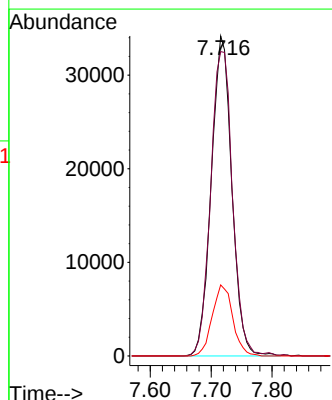
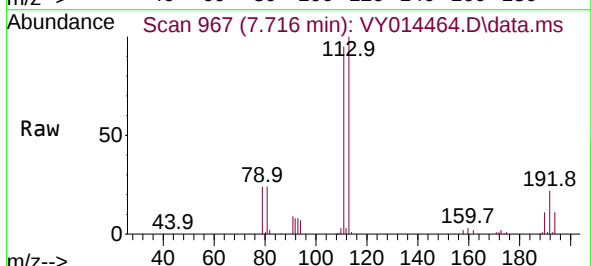
Tgt Ion:113 Resp: 80123

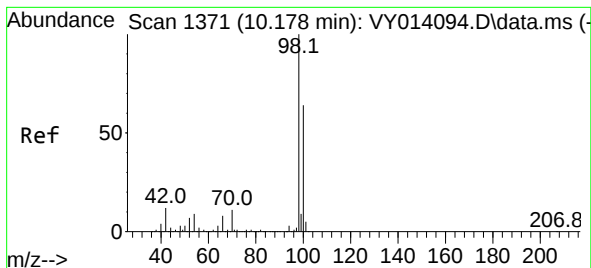
Ion Ratio Lower Upper

113 100

111 100.9 81.3 121.9

192 22.2 16.9 25.3





#50

Toluene-d8

Concen: 48.434 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014464.D

Acq: 27 Jun 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

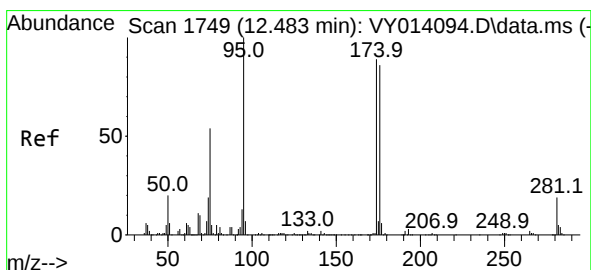
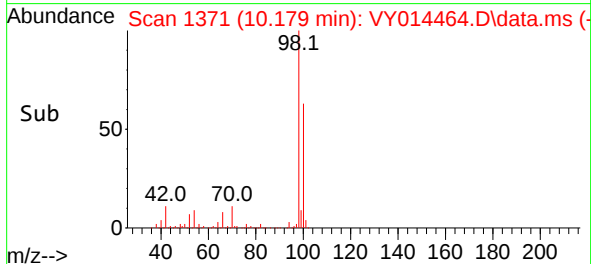
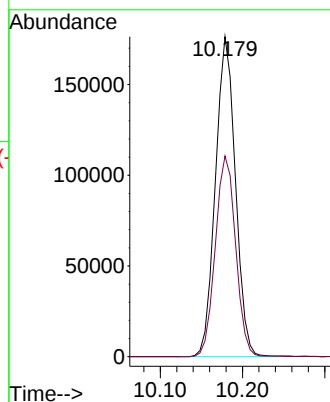
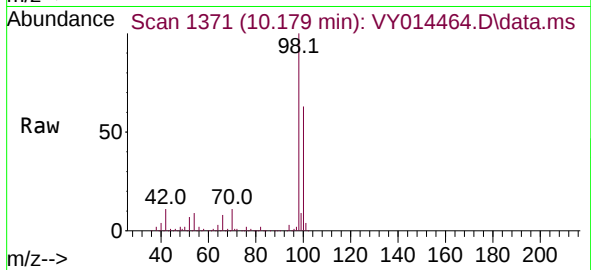
SB-64

Tgt Ion: 98 Resp: 297419

Ion Ratio Lower Upper

98 100

100 63.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 41.662 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014464.D

Acq: 27 Jun 2023 17:32

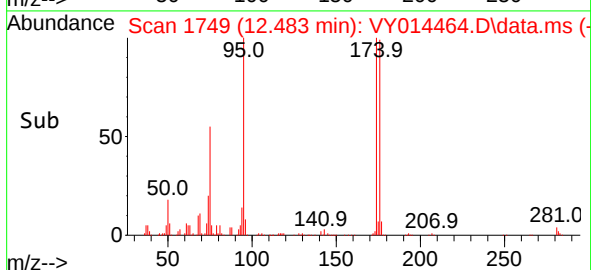
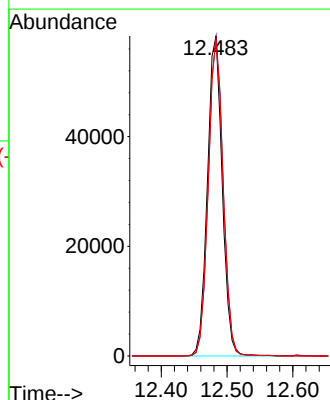
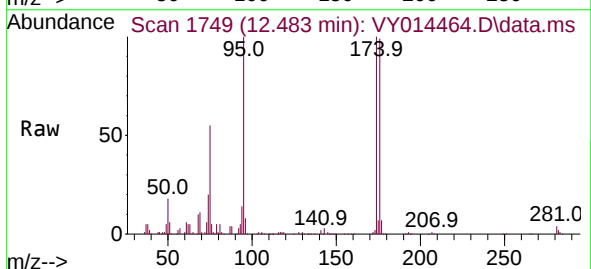
Tgt Ion: 95 Resp: 91335

Ion Ratio Lower Upper

95 100

174 100.3 0.0 178.2

176 98.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014464.D

Acq: 27 Jun 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-64

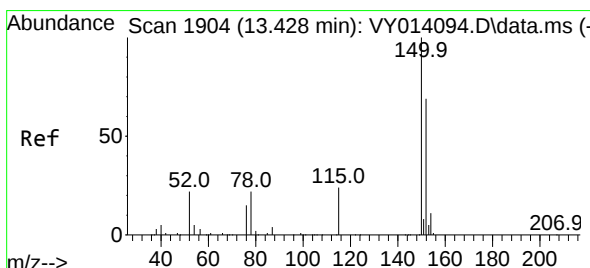
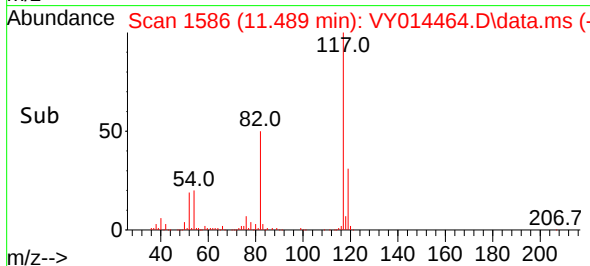
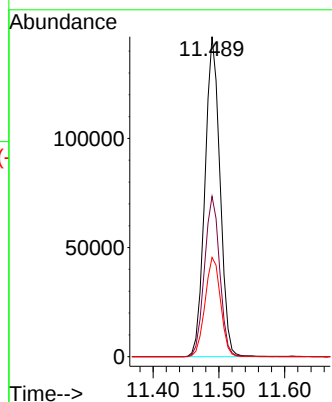
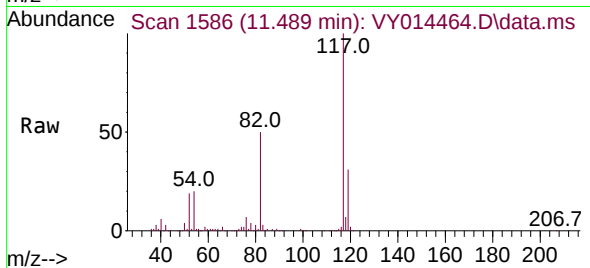
Tgt Ion:117 Resp: 233773

Ion Ratio Lower Upper

117 100

82 50.1 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: VY014464.D

Acq: 27 Jun 2023 17:32

Tgt Ion:152 Resp: 106810

Ion Ratio Lower Upper

152 100

115 55.1 28.8 86.5

150 156.8 0.0 348.8

