

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014471.D
 Acq On : 28 Jun 2023 11:30
 Operator : KP/MD
 Sample : VY0628SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0628SBL01

Quant Time: Jun 29 02:14:32 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	7.795	168	179306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	281005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	122221	54.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.800%
35) Dibromofluoromethane	7.722	113	89375	51.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.960%
50) Toluene-d8	10.179	98	331801	48.078	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.160%
62) 4-Bromofluorobenzene	12.483	95	110827	44.983	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.960%

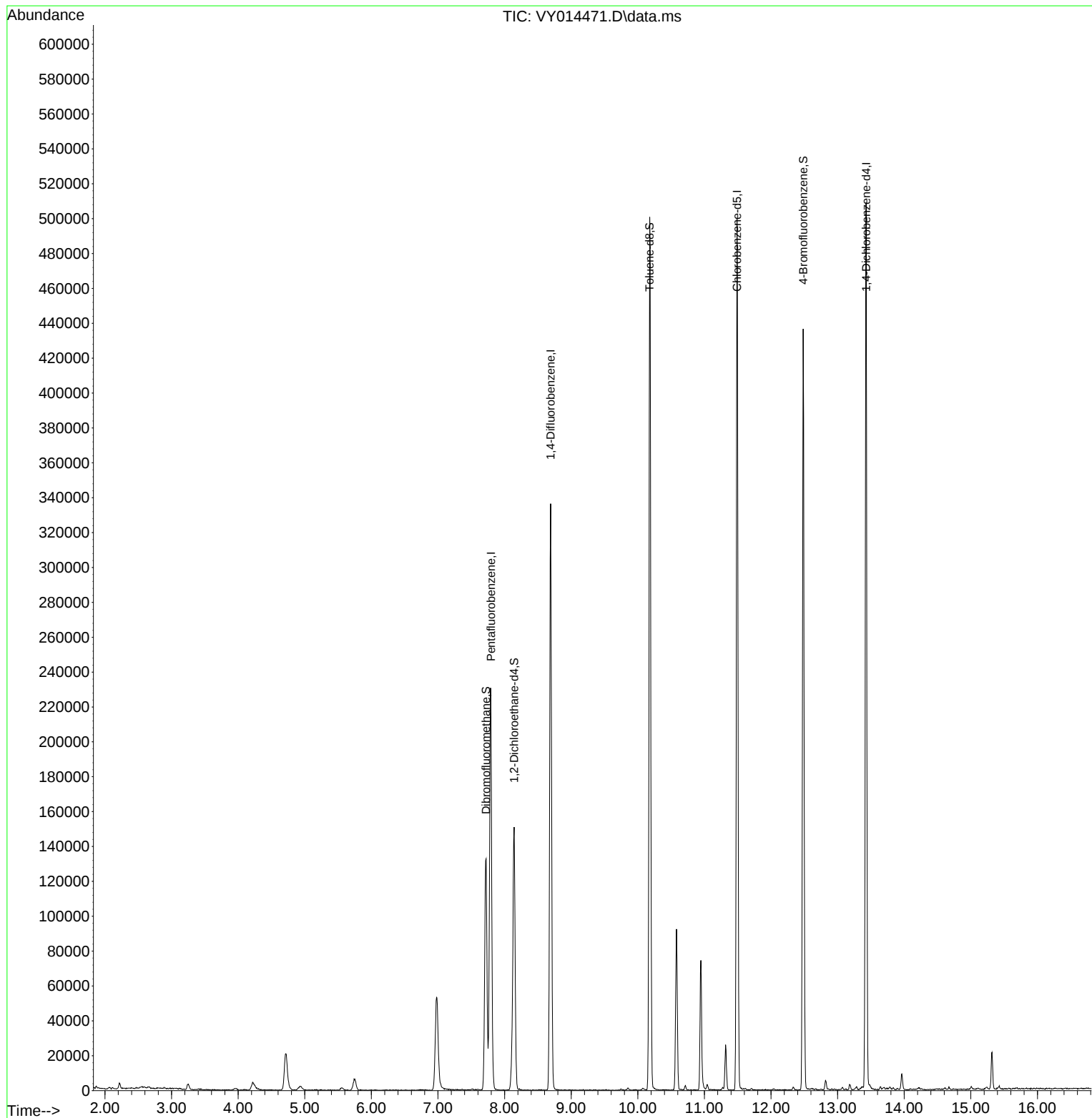
Target Compounds	Qvalue

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

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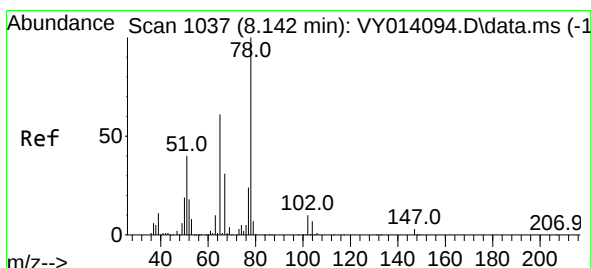
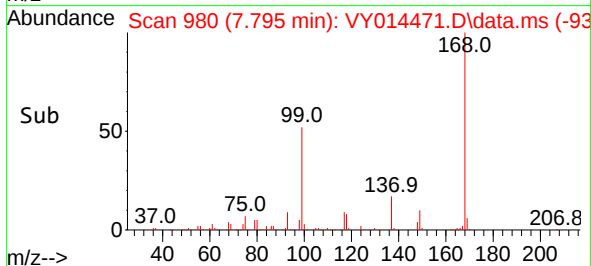
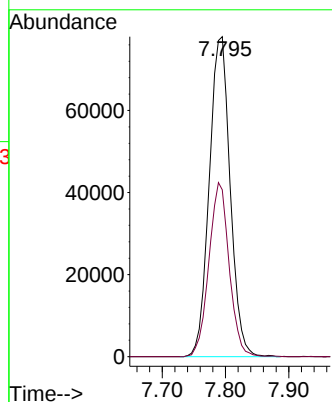
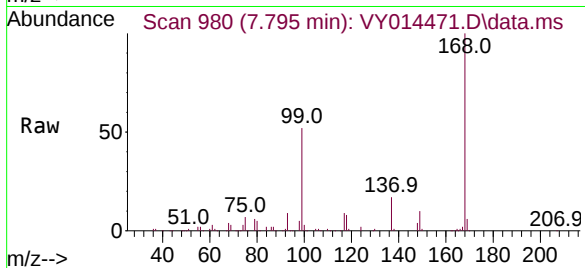




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014471.D
Acq: 28 Jun 2023 11:30

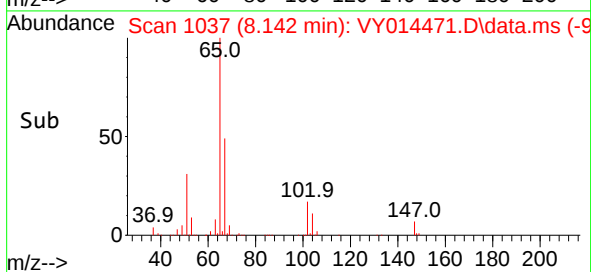
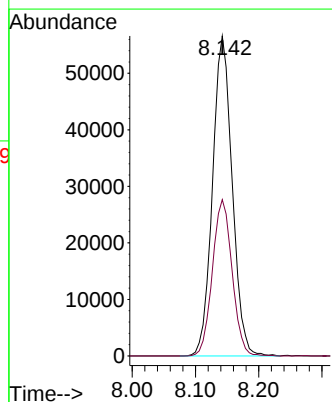
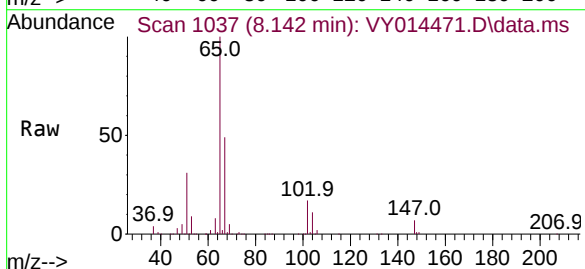
Instrument :
MSVOA_Y
ClientSampleId :
VY0628SBL01

Tgt Ion:168 Resp: 179306
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.900 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014471.D
Acq: 28 Jun 2023 11:30

Tgt Ion: 65 Resp: 122221
Ion Ratio Lower Upper
65 100
67 48.8 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: VY014471.D

Acq: 28 Jun 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0628SBL01

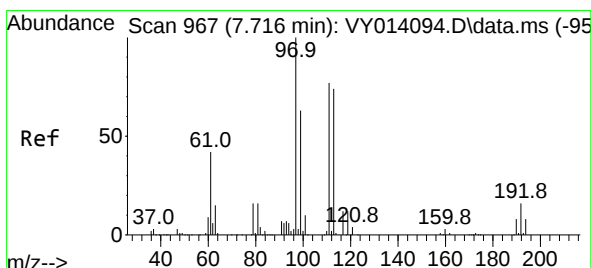
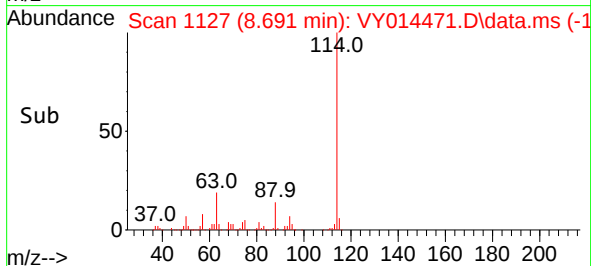
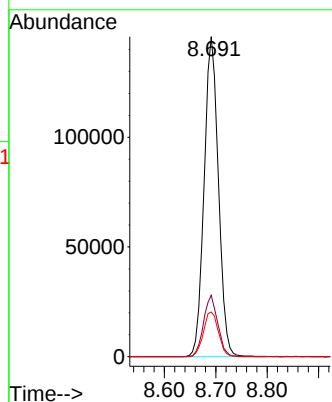
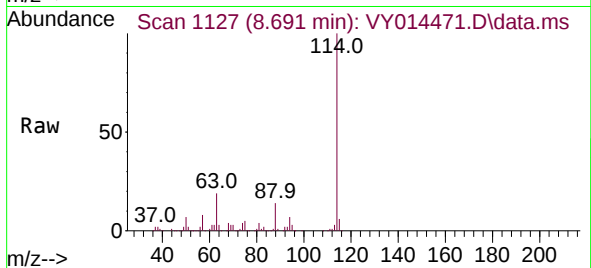
Tgt Ion:114 Resp: 281005

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.480 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014471.D

Acq: 28 Jun 2023 11:30

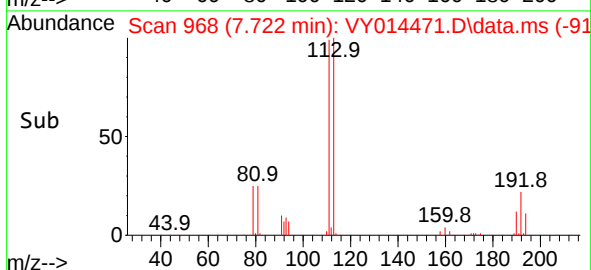
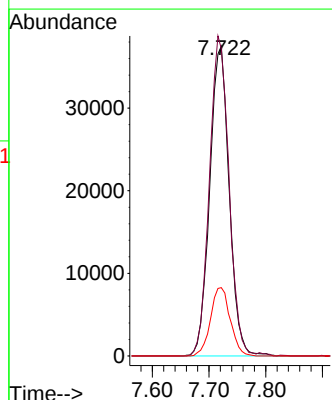
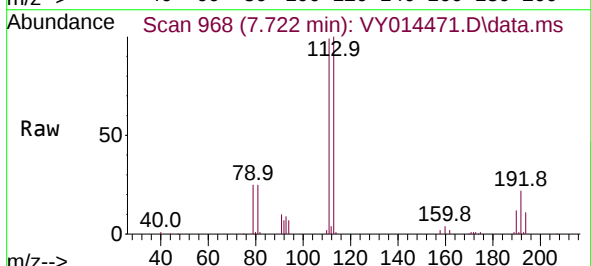
Tgt Ion:113 Resp: 89375

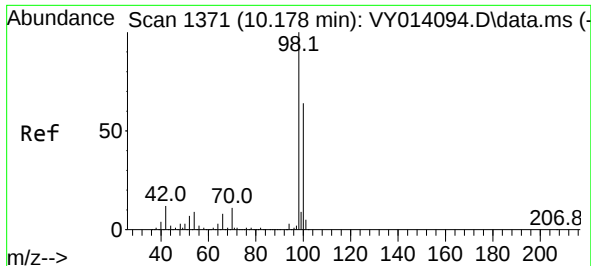
Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

192 22.3 16.9 25.3

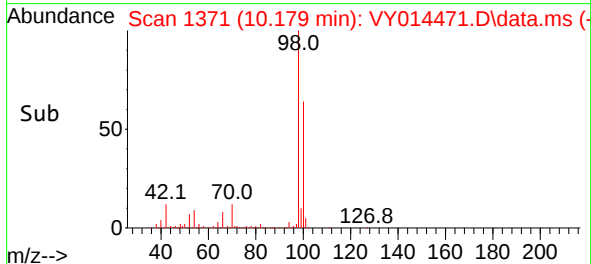
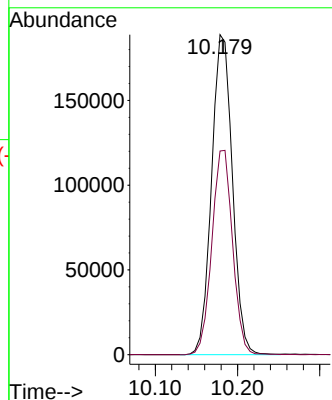
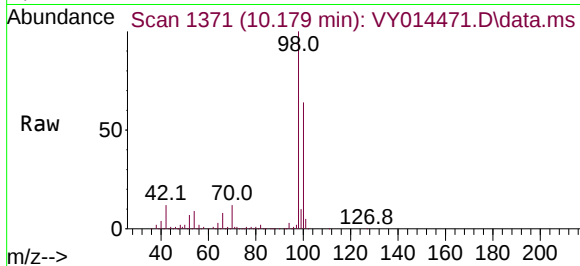




#50
Toluene-d8
Concen: 48.078 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014471.D
Acq: 28 Jun 2023 11:30

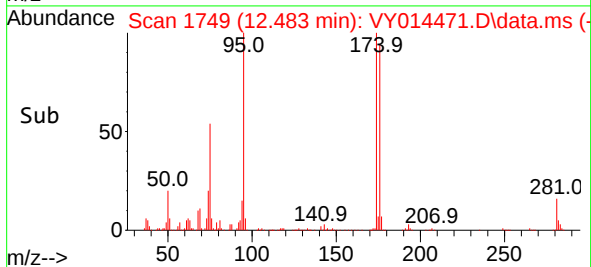
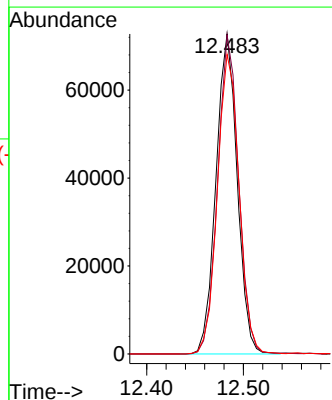
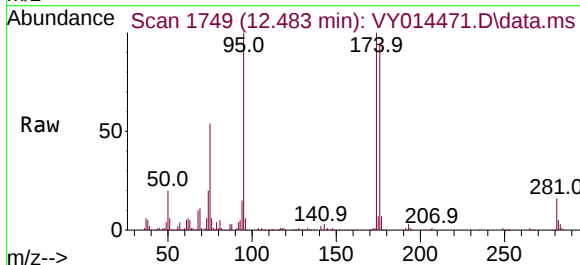
Instrument :
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VY0628SBL01

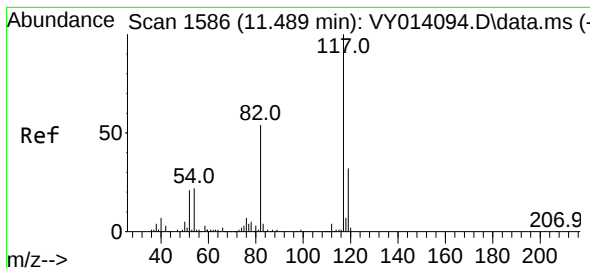
Tgt Ion: 98 Resp: 331801
Ion Ratio Lower Upper
98 100
100 63.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.983 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014471.D
Acq: 28 Jun 2023 11:30

Tgt Ion: 95 Resp: 110827
Ion Ratio Lower Upper
95 100
174 98.7 0.0 178.2
176 95.5 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: VY014471.D

Acq: 28 Jun 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0628SBL01

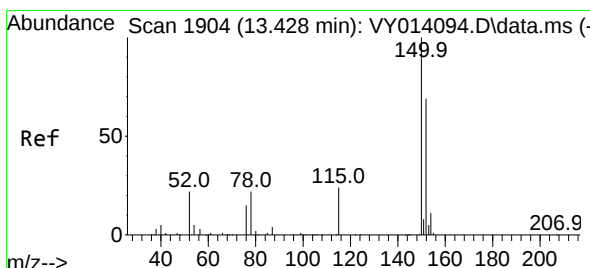
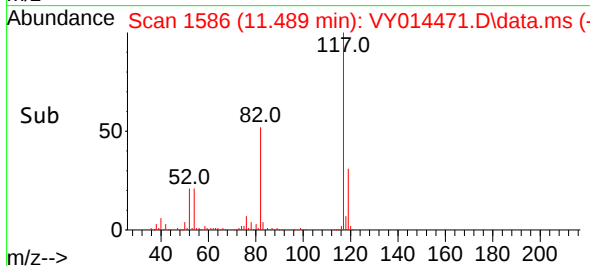
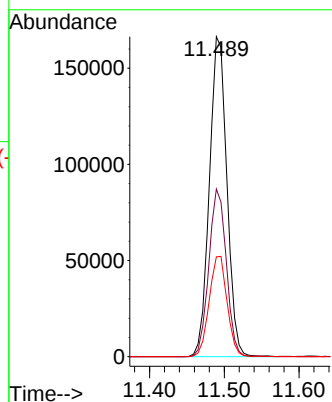
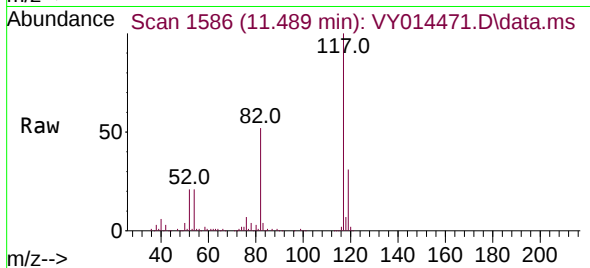
Tgt Ion:117 Resp: 270632

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 31.2 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: VY014471.D

Acq: 28 Jun 2023 11:30

Tgt Ion:152 Resp: 132041

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 156.5 0.0 348.8

