

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012928.D
 Acq On : 13 Mar 2023 16:20
 Operator : KP/MD
 Sample : 01874-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-209

Quant Time: Mar 14 01:27:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	11714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	15193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5381	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7265	62.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.940%
35) Dibromofluoromethane	7.716	113	4598	41.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.340%
50) Toluene-d8	10.179	98	21023	52.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.220%
62) 4-Bromofluorobenzene	12.489	95	5229	38.400	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.800%

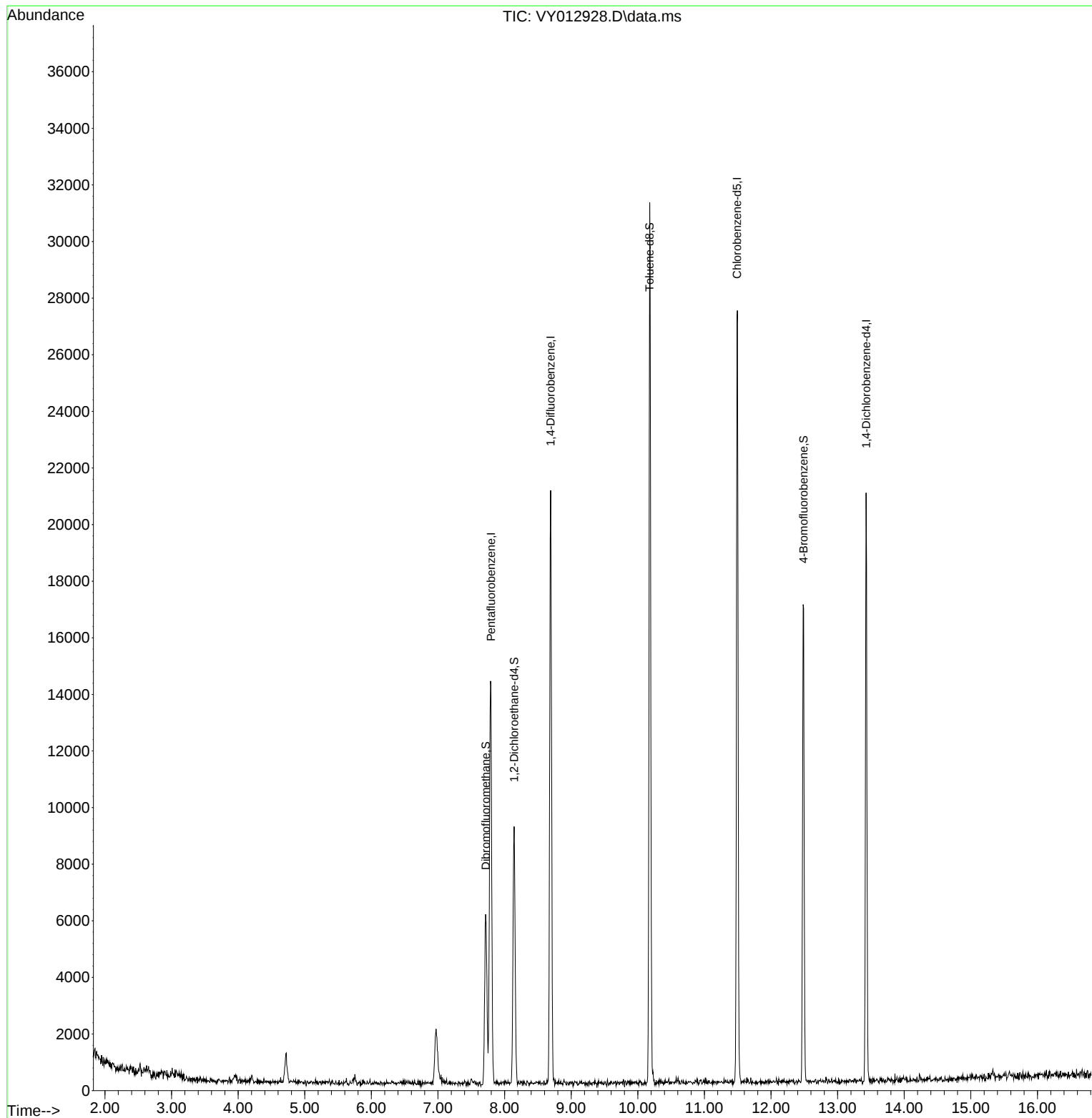
Target Compounds	Qvalue

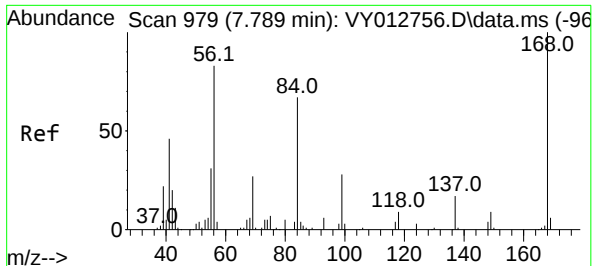
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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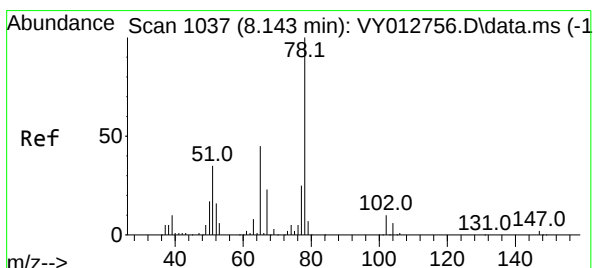
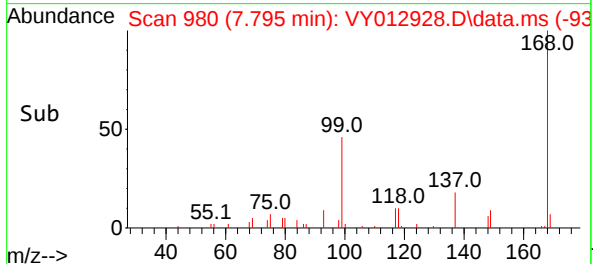
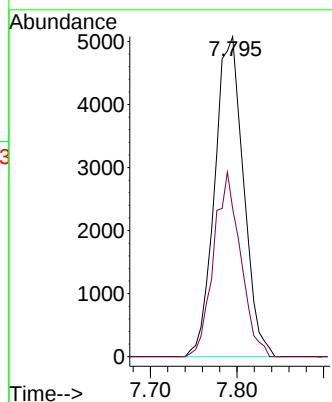
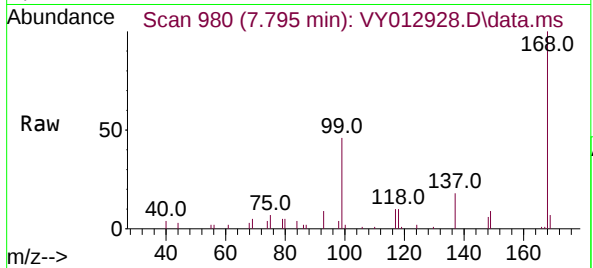




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012928.D
Acq: 13 Mar 2023 16:20

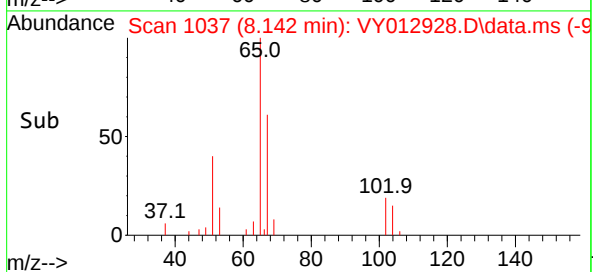
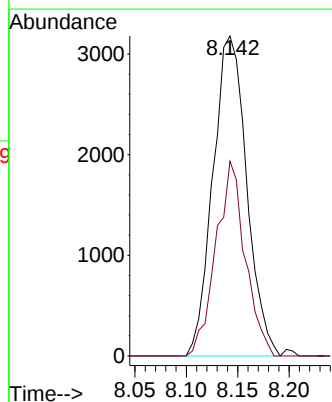
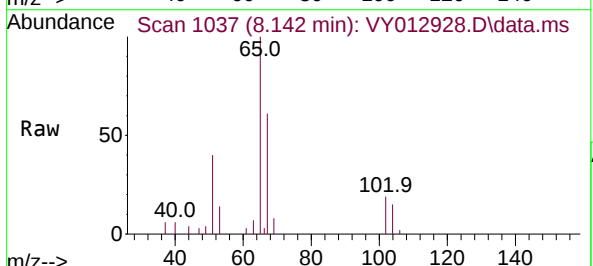
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

Tgt Ion:168 Resp: 11714
Ion Ratio Lower Upper
168 100
99 46.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 62.465 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012928.D
Acq: 13 Mar 2023 16:20

Tgt Ion: 65 Resp: 7265
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012928.D

Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-209

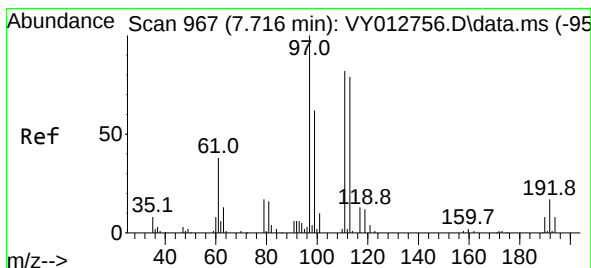
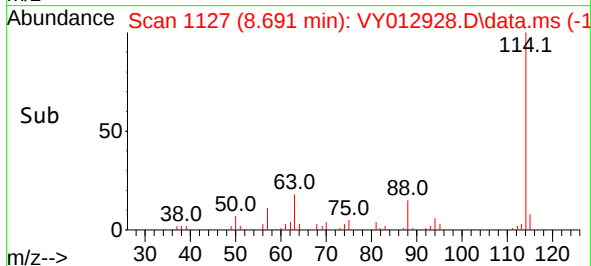
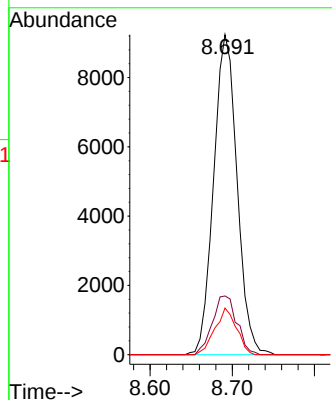
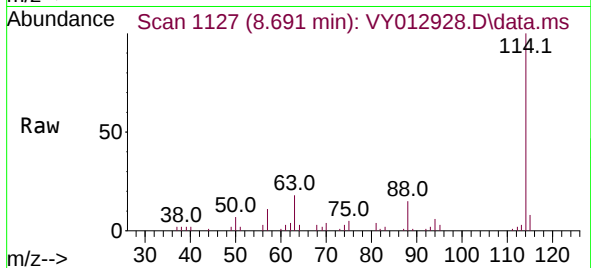
Tgt Ion:114 Resp: 18286

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 14.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 41.665 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012928.D

Acq: 13 Mar 2023 16:20

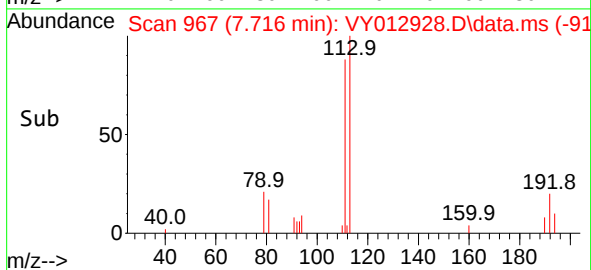
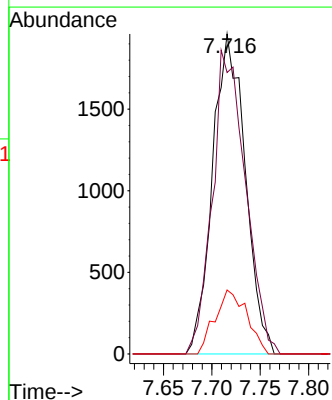
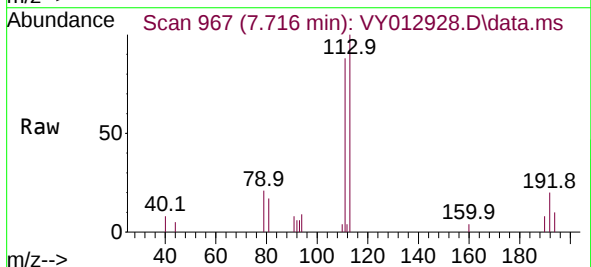
Tgt Ion:113 Resp: 4598

Ion Ratio Lower Upper

113 100

111 96.3 82.2 123.2

192 19.5 16.8 25.2

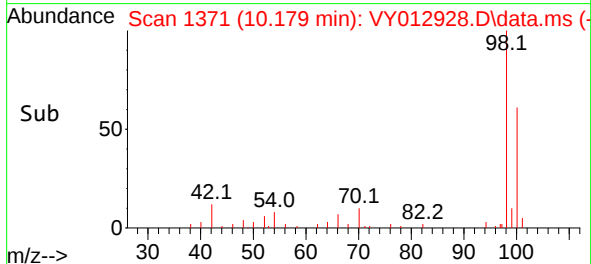
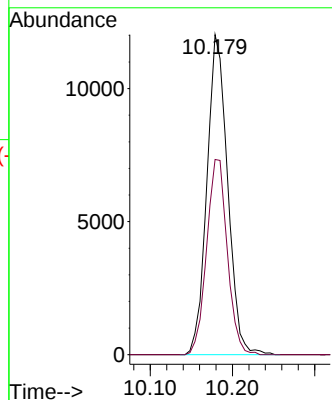
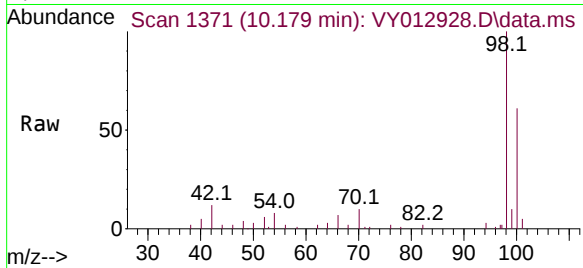




#50
Toluene-d8
Concen: 52.110 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012928.D
Acq: 13 Mar 2023 16:20

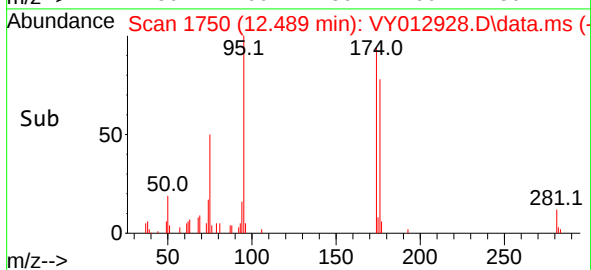
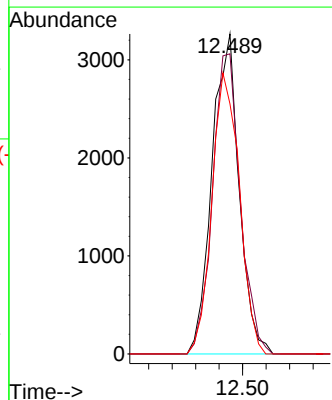
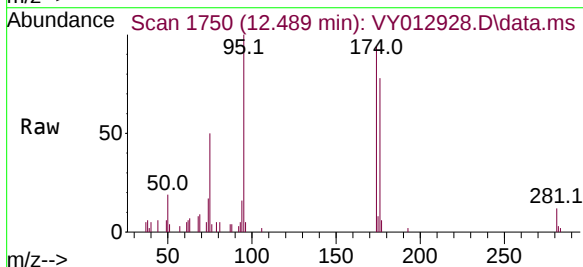
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MSVOA_Y
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VNJ-209

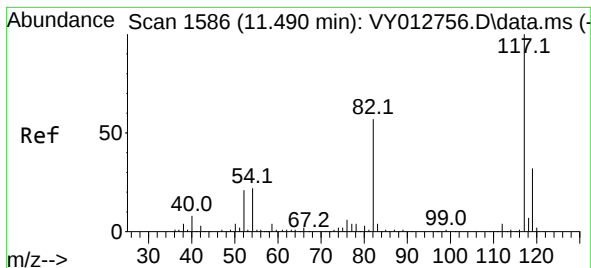
Tgt Ion: 98 Resp: 21023
Ion Ratio Lower Upper
98 100
100 61.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 38.400 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY012928.D
Acq: 13 Mar 2023 16:20

Tgt Ion: 95 Resp: 5229
Ion Ratio Lower Upper
95 100
174 95.8 0.0 176.6
176 89.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012928.D

Acq: 13 Mar 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-209

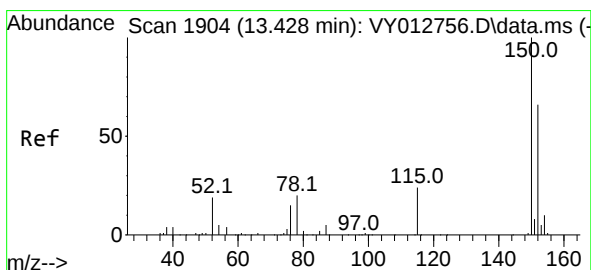
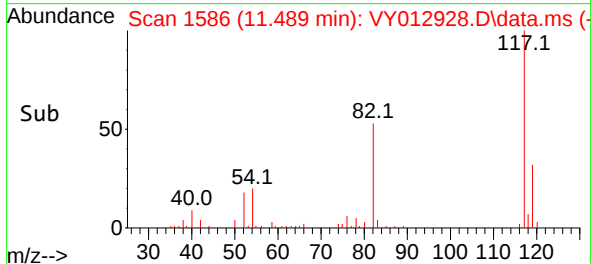
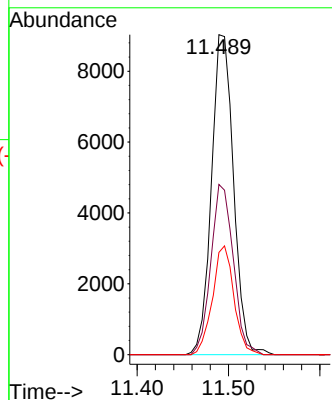
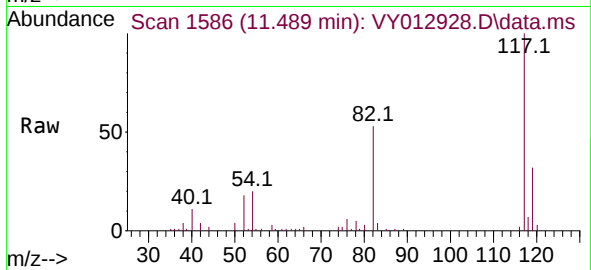
Tgt Ion:117 Resp: 15193

Ion Ratio Lower Upper

117 100

82 53.2 45.4 68.0

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012928.D

Acq: 13 Mar 2023 16:20

Tgt Ion:152 Resp: 5381

Ion Ratio Lower Upper

152 100

115 58.4 27.1 81.3

150 159.8 0.0 347.8

