

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013521.D
 Acq On : 28 Apr 2023 13:20
 Operator : KP/MD
 Sample : 02504-17
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-512-VOC-03

Quant Time: Apr 28 23:12:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	217759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	358216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167518	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	159460	66.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.600%
35) Dibromofluoromethane	7.716	113	128532	55.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.480%
50) Toluene-d8	10.179	98	452007	54.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.220%
62) 4-Bromofluorobenzene	12.483	95	148284	53.139	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.280%

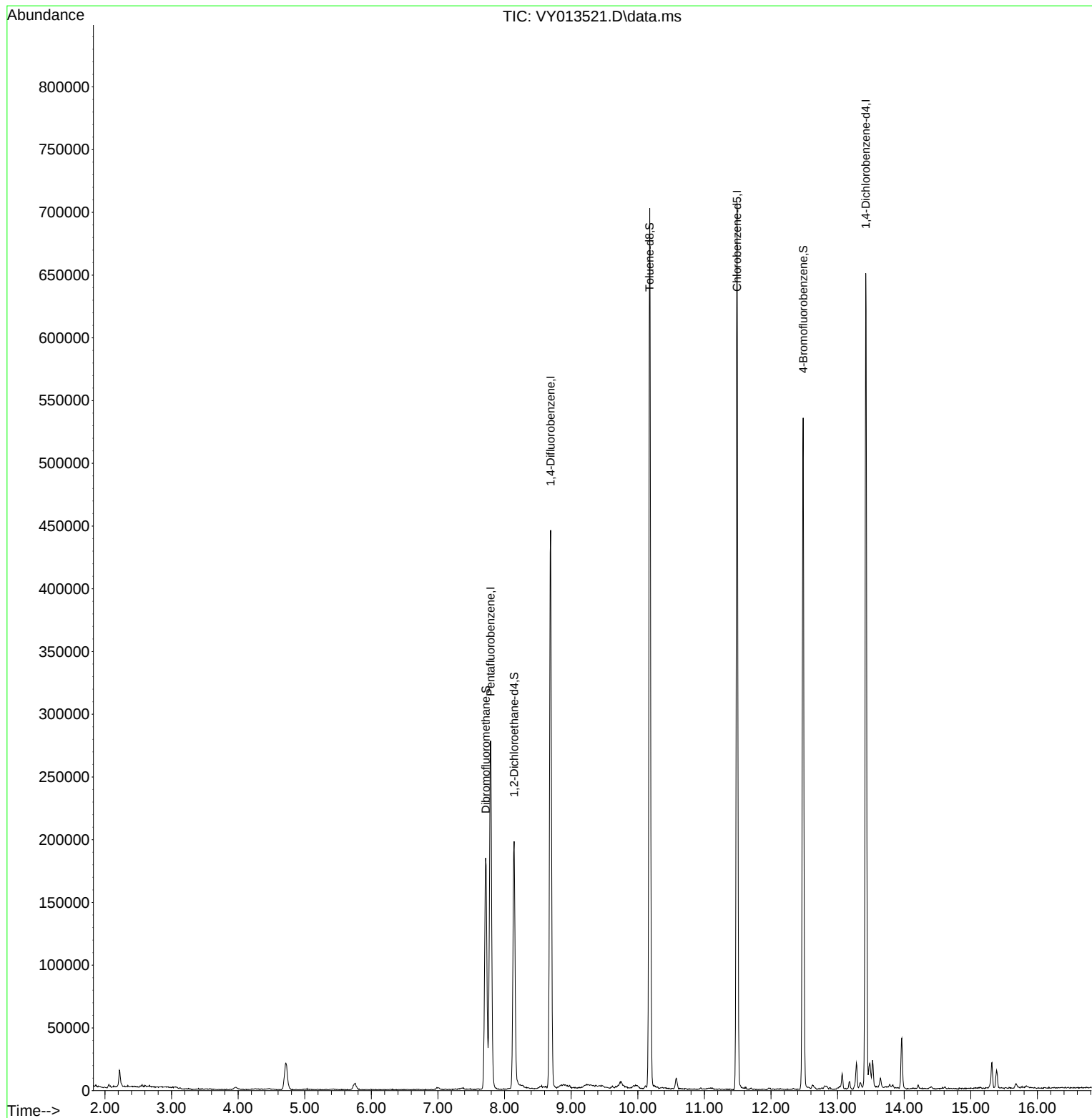
Target Compounds	Qvalue

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

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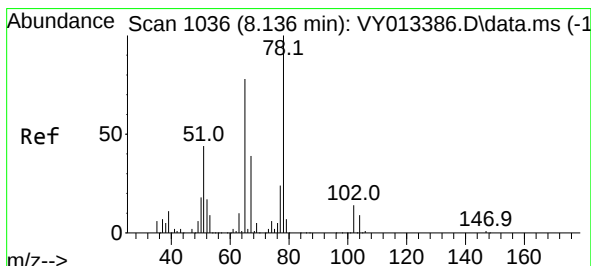
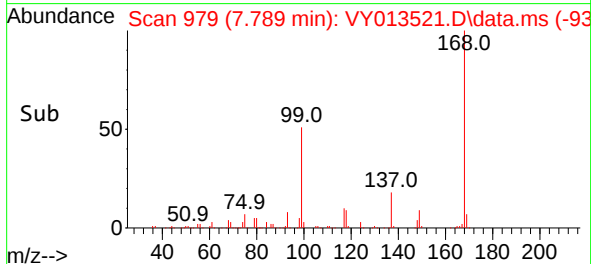
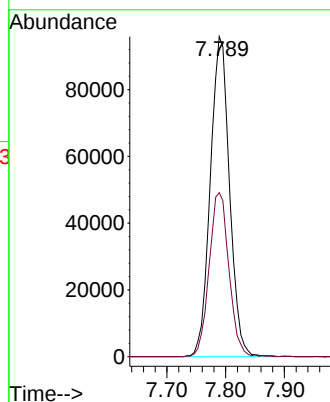
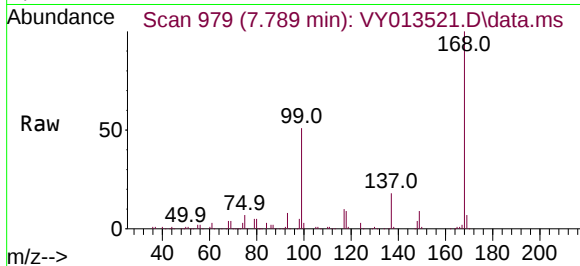




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013521.D
Acq: 28 Apr 2023 13:20

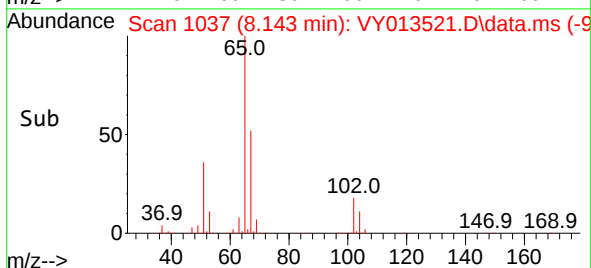
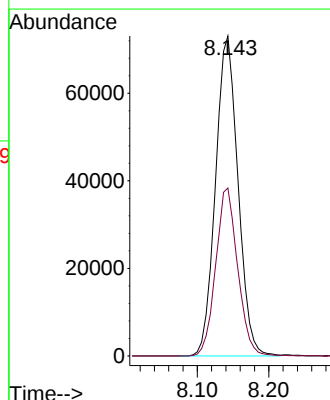
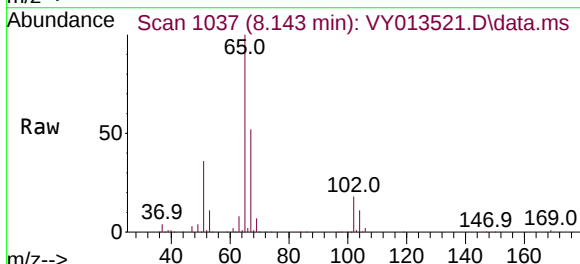
Instrument :
MSVOA_Y
ClientSampleId :
BU-512-VOC-03

Tgt Ion:168 Resp: 217759
Ion Ratio Lower Upper
168 100
99 51.3 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 66.800 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013521.D
Acq: 28 Apr 2023 13:20

Tgt Ion: 65 Resp: 159460
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4

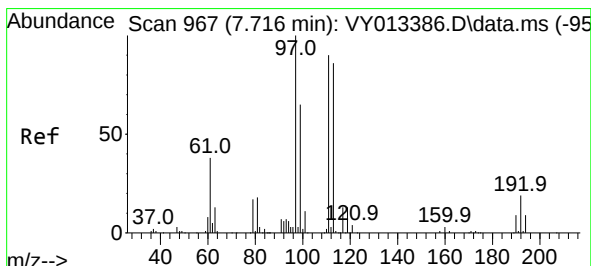
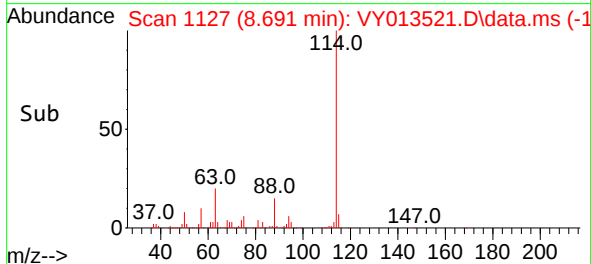
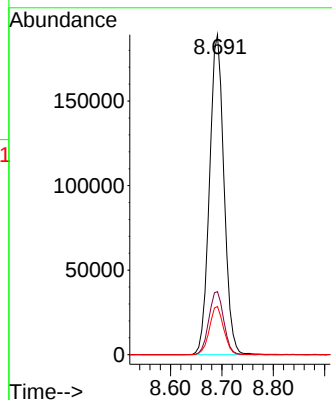
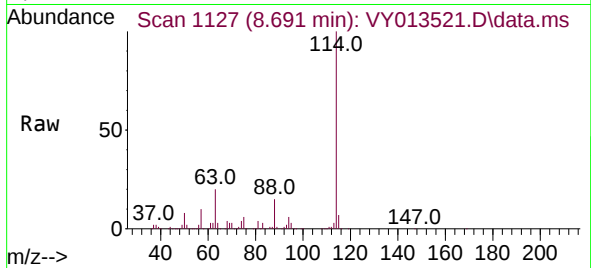




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013521.D
Acq: 28 Apr 2023 13:20

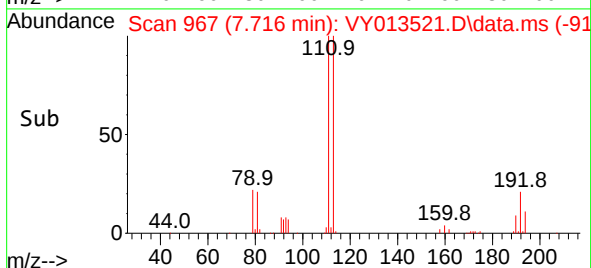
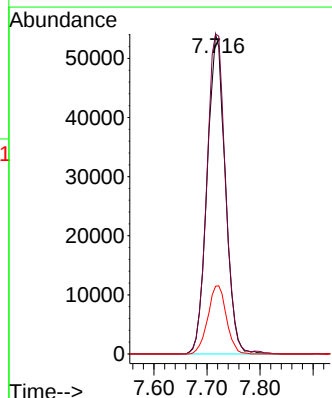
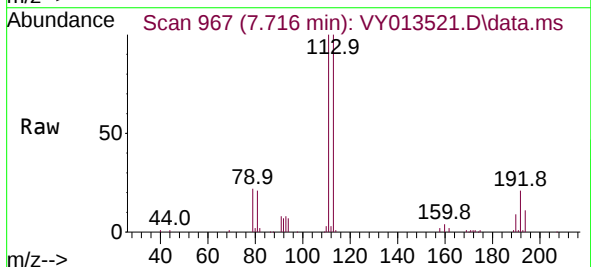
Instrument :
MSVOA_Y
ClientSampleId :
BU-512-VOC-03

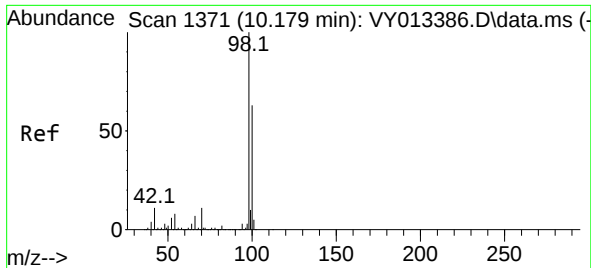
Tgt Ion:114 Resp: 369942
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.6
88 15.0 0.0 28.8



#35
Dibromofluoromethane
Concen: 55.241 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013521.D
Acq: 28 Apr 2023 13:20

Tgt Ion:113 Resp: 128532
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 21.8 16.7 25.1

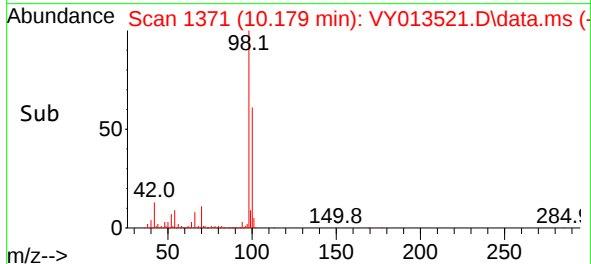
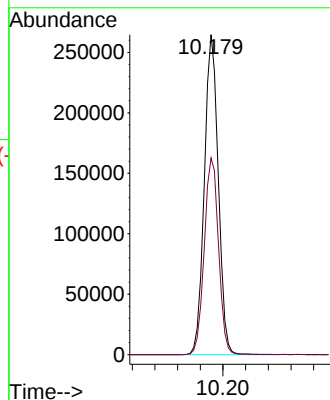
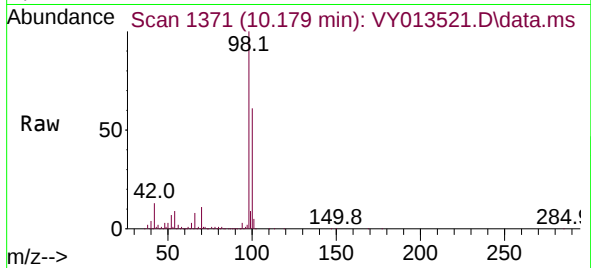




#50
Toluene-d8
Concen: 54.608 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013521.D
Acq: 28 Apr 2023 13:20

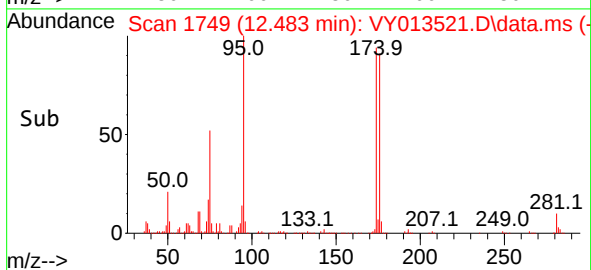
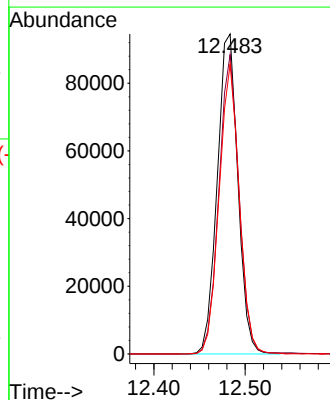
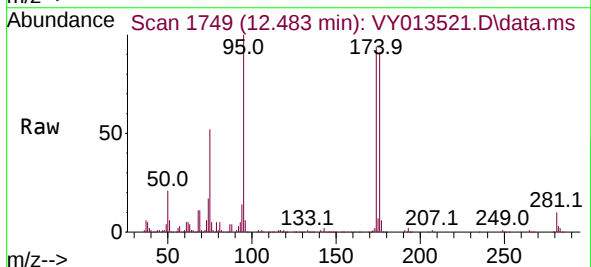
Instrument :
MSVOA_Y
ClientSampleId :
BU-512-VOC-03

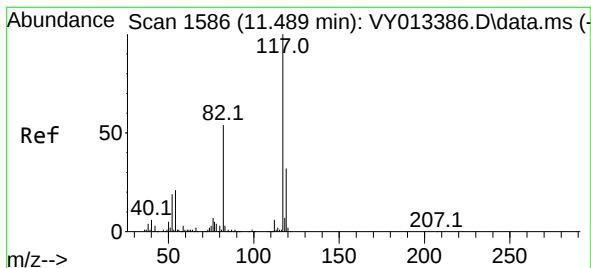
Tgt Ion: 98 Resp: 452007
Ion Ratio Lower Upper
98 100
100 62.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 53.139 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013521.D
Acq: 28 Apr 2023 13:20

Tgt Ion: 95 Resp: 148284
Ion Ratio Lower Upper
95 100
174 91.4 0.0 182.0
176 88.3 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013521.D

Acq: 28 Apr 2023 13:20

Instrument :

MSVOA_Y

ClientSampleId :

BU-512-VOC-03

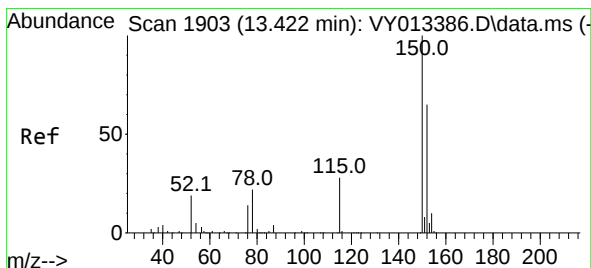
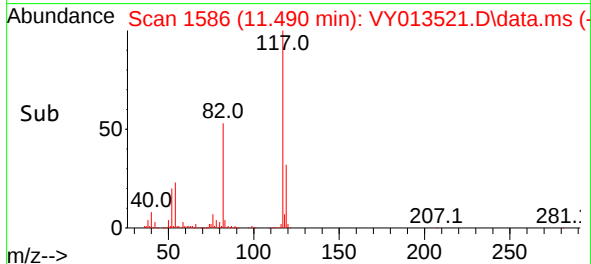
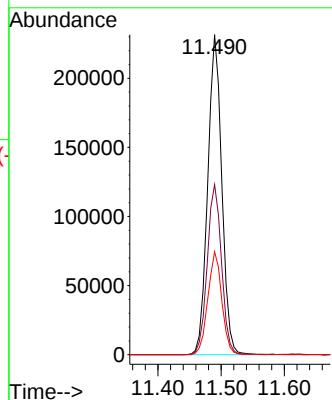
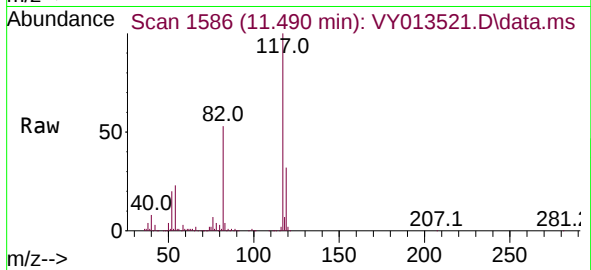
Tgt Ion:117 Resp: 358216

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.6

119 32.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013521.D

Acq: 28 Apr 2023 13:20

Tgt Ion:152 Resp: 167518

Ion Ratio Lower Upper

152 100

115 57.6 28.1 84.2

150 157.5 0.0 352.0

