

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013462.D
 Acq On : 26 Apr 2023 10:49
 Operator : KP/MD
 Sample : VY0426SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBL01

Quant Time: Apr 27 01:28:12 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	200407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	327140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	294720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	119173	54.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.500%
35) Dibromofluoromethane	7.716	113	108104	52.540	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.080%
50) Toluene-d8	10.179	98	350923	47.943	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.483	95	109783	44.490	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.980%

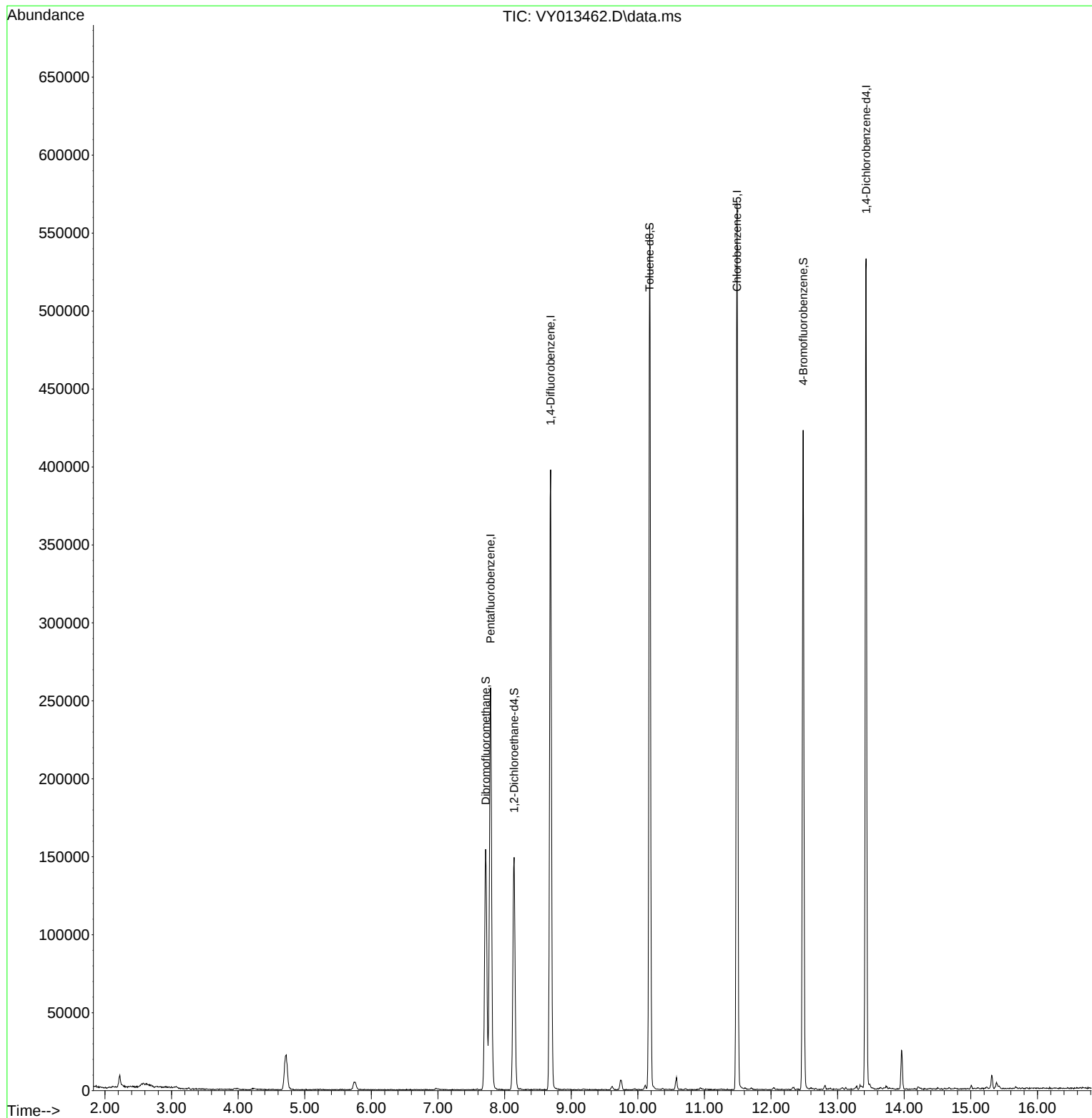
Target Compounds	Qvalue

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

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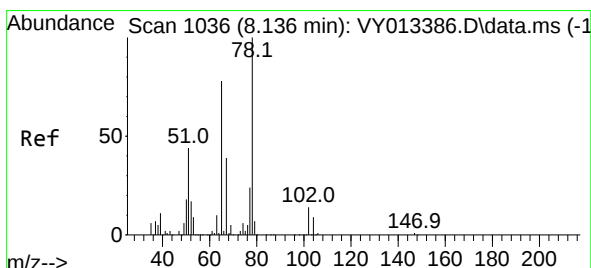
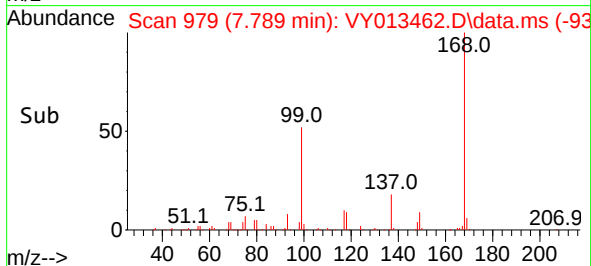
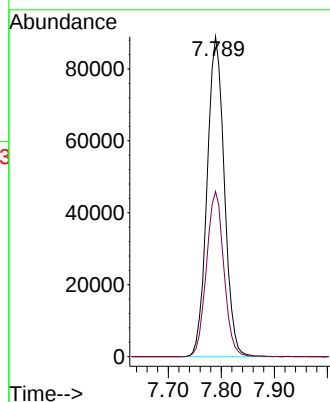
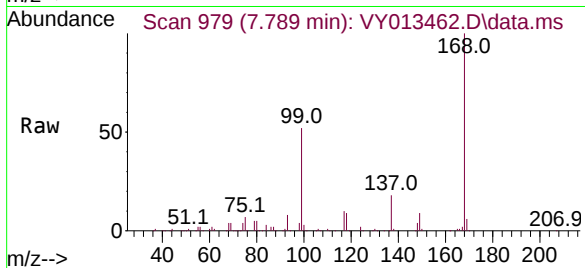




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

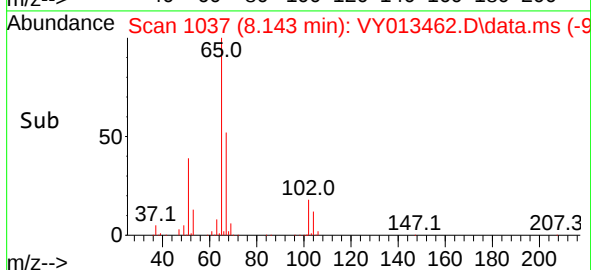
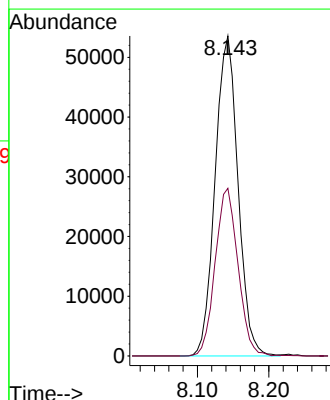
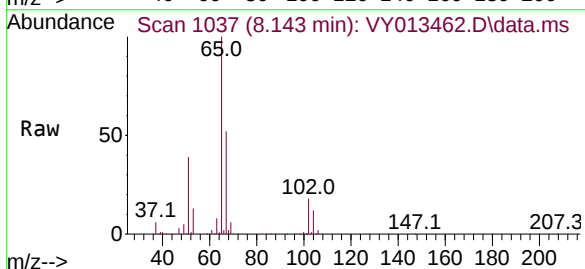
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

Tgt Ion:168 Resp: 200407
Ion Ratio Lower Upper
168 100
99 51.6 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 54.246 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

Tgt Ion: 65 Resp: 119173
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4

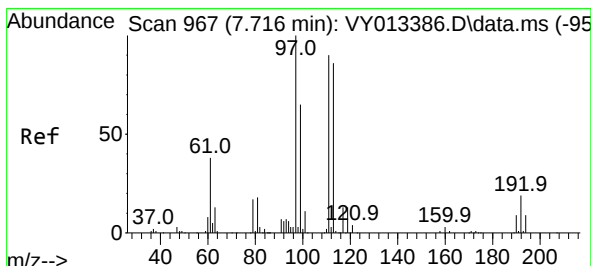
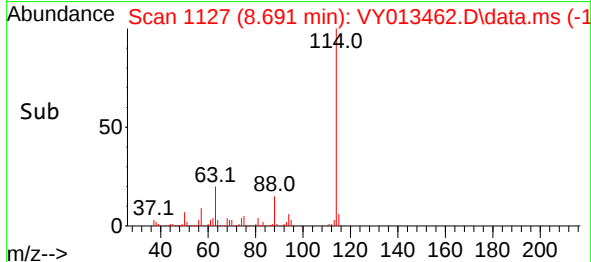
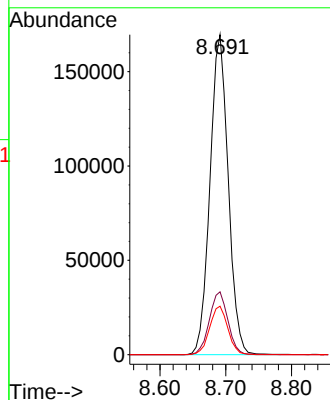
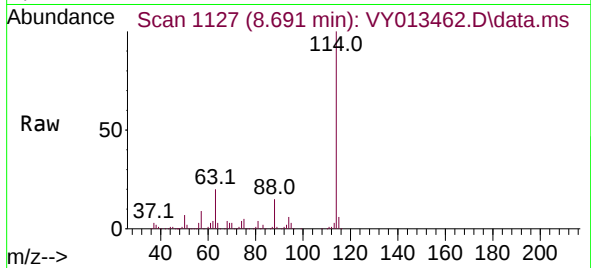




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

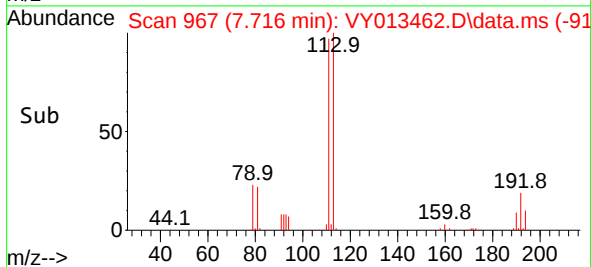
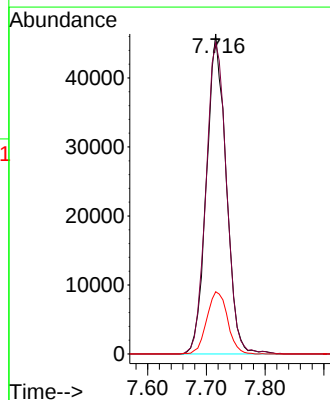
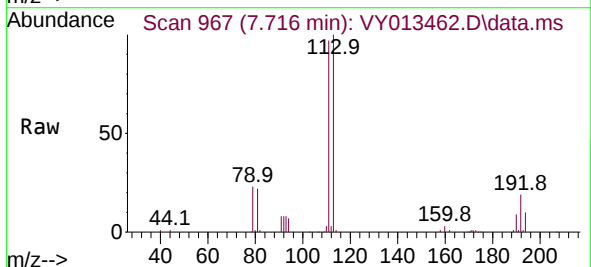
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

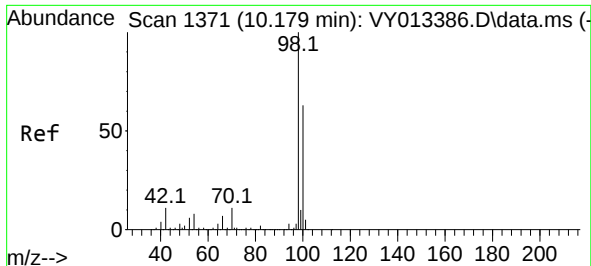
Tgt Ion:114 Resp: 327140
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.6
88 15.1 0.0 28.8



#35
Dibromofluoromethane
Concen: 52.540 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

Tgt Ion:113 Resp: 108104
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 20.5 16.7 25.1

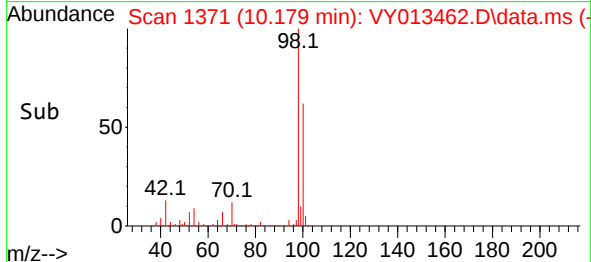
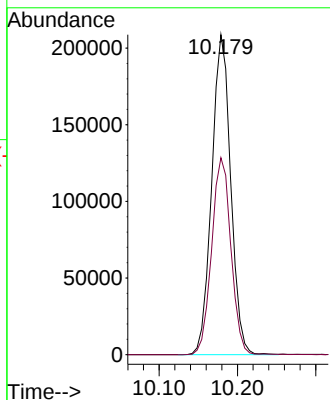
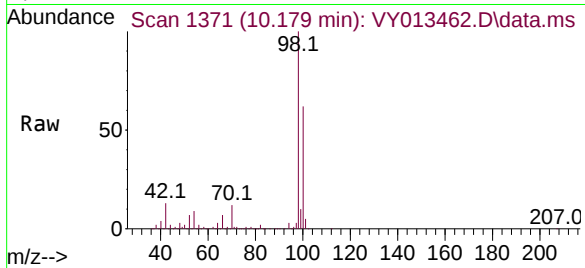




#50
Toluene-d8
Concen: 47.943 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

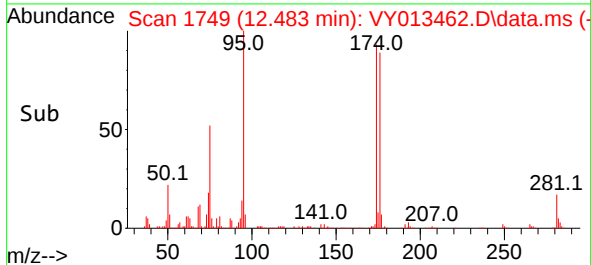
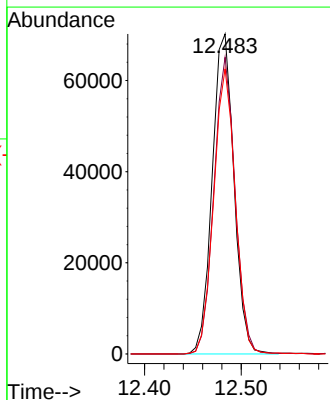
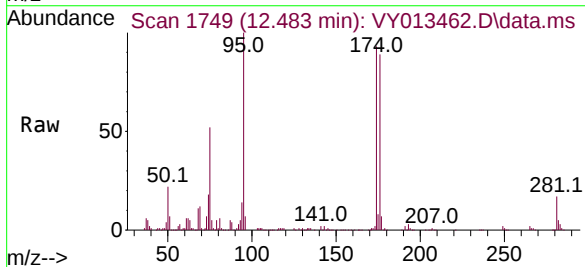
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

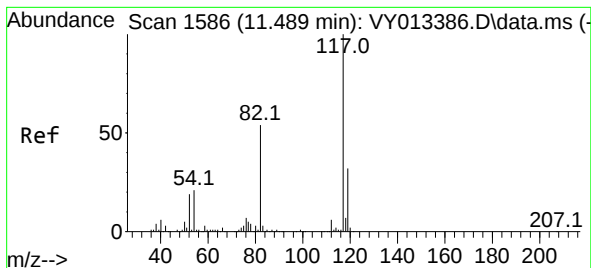
Tgt Ion: 98 Resp: 350923
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.490 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013462.D
Acq: 26 Apr 2023 10:49

Tgt Ion: 95 Resp: 109783
Ion Ratio Lower Upper
95 100
174 90.8 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: VY013462.D

Acq: 26 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBL01

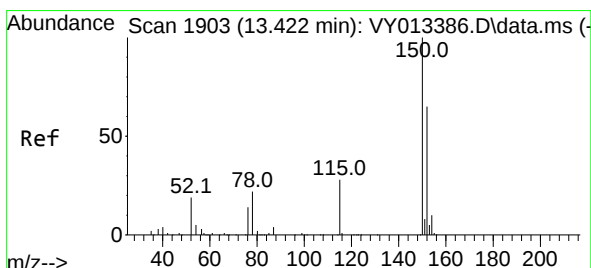
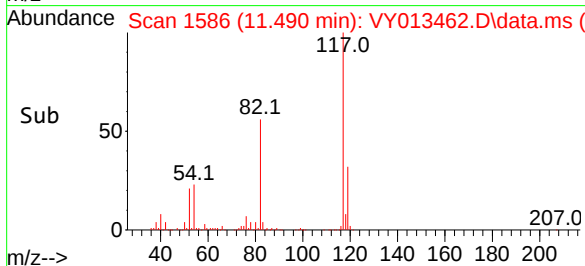
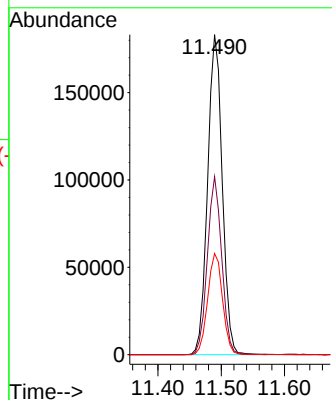
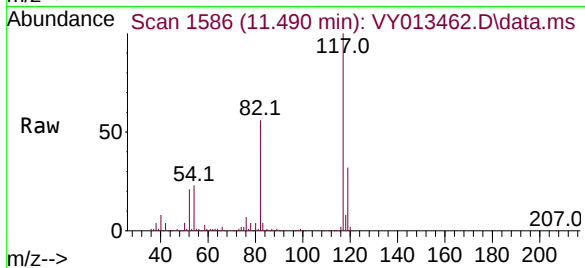
Tgt Ion:117 Resp: 294720

Ion Ratio Lower Upper

117 100

82 55.6 43.0 64.6

119 31.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013462.D

Acq: 26 Apr 2023 10:49

Tgt Ion:152 Resp: 136992

Ion Ratio Lower Upper

152 100

115 57.2 28.1 84.2

150 156.7 0.0 352.0

