

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013478.D
 Acq On : 26 Apr 2023 17:03
 Operator : KP/MD
 Sample : 02483-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S2S-TP2

Quant Time: Apr 27 01:35:25 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	23264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	39726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	40817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	17173	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22237	87.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.400%#
35) Dibromofluoromethane	7.716	113	17832	71.368	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	142.740%
50) Toluene-d8	10.179	98	49707	55.923	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.840%
62) 4-Bromofluorobenzene	12.477	95	16373	54.640	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.280%

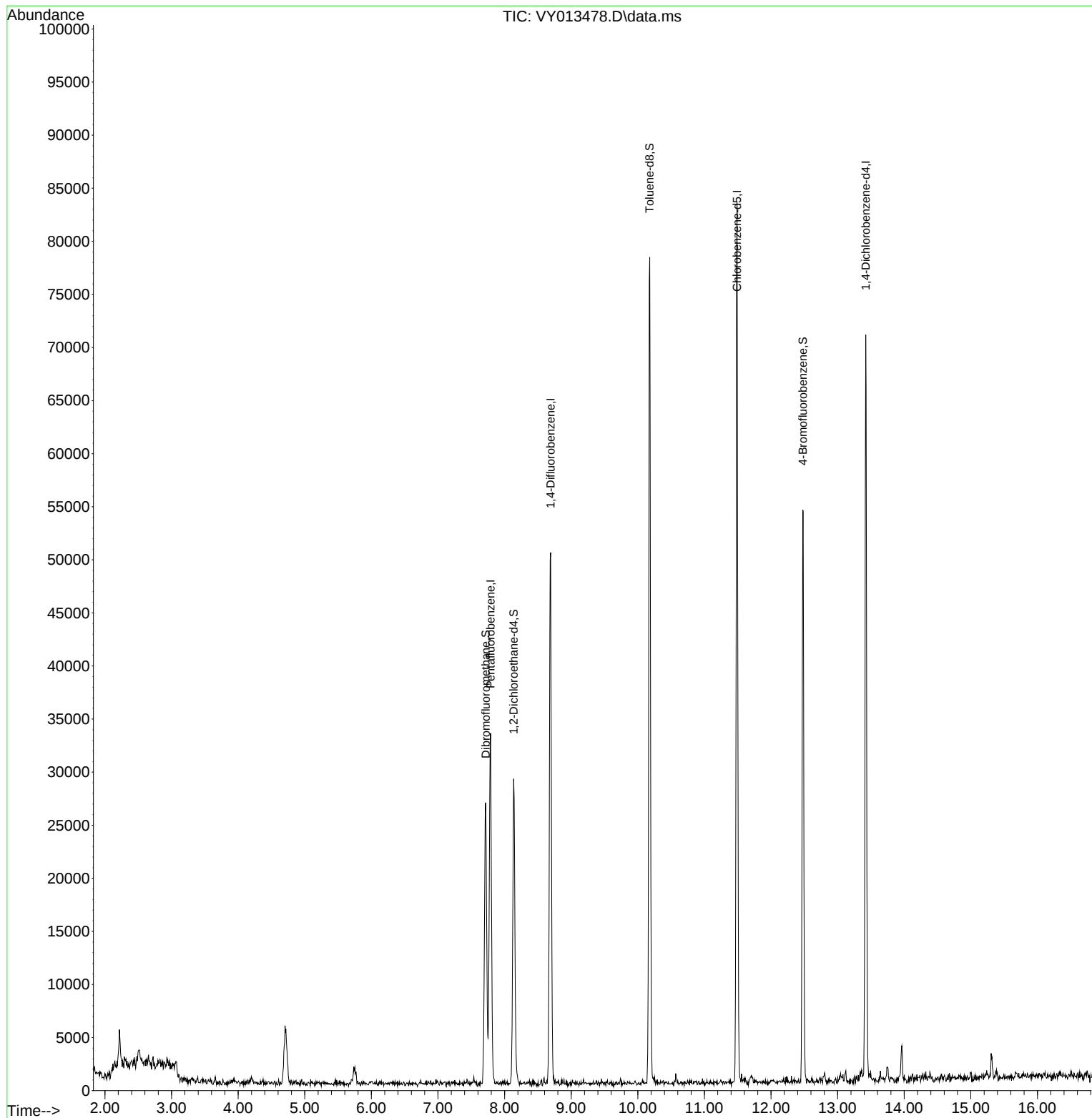
Target Compounds	Qvalue

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

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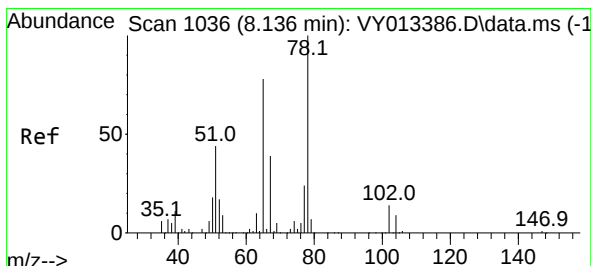
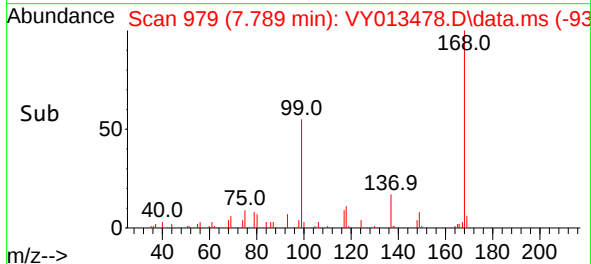
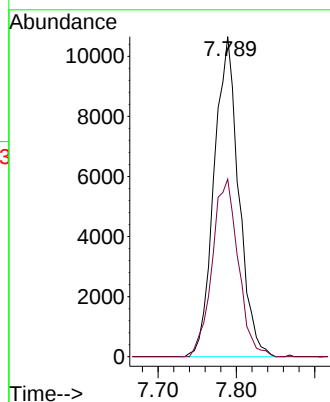
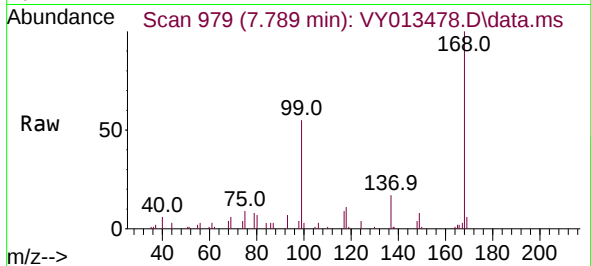




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

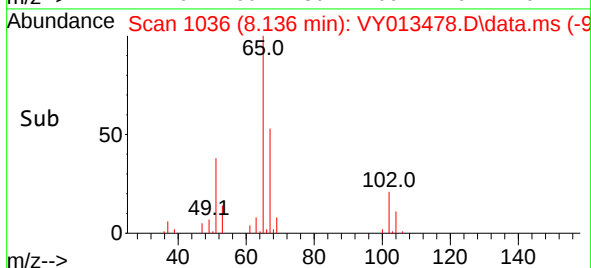
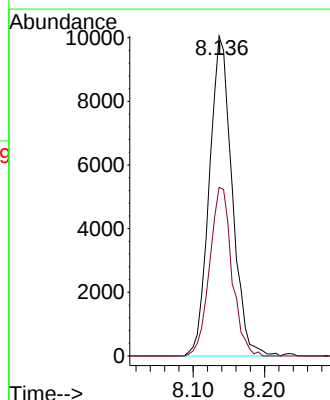
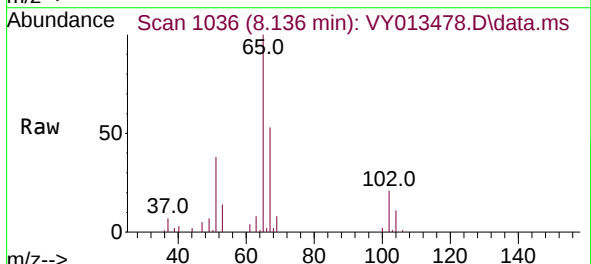
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2

Tgt Ion:168 Resp: 23264
Ion Ratio Lower Upper
168 100
99 55.4 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 87.195 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

Tgt Ion: 65 Resp: 22237
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4

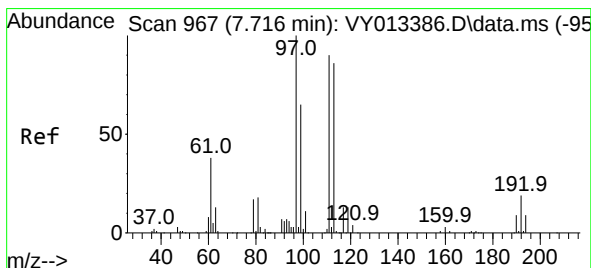
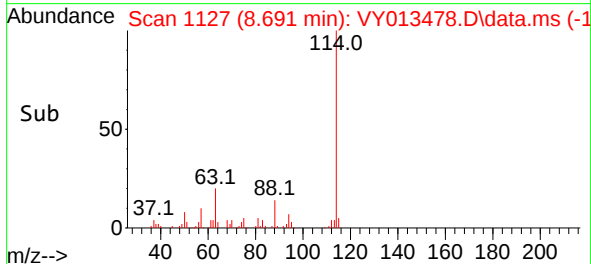
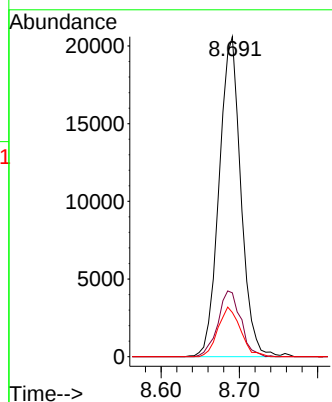
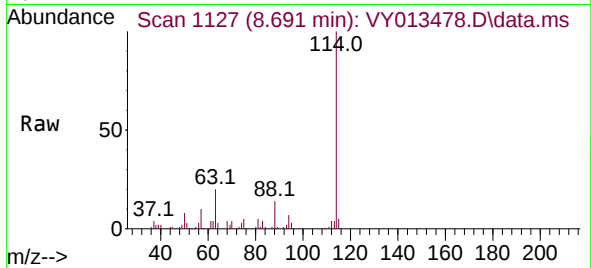




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

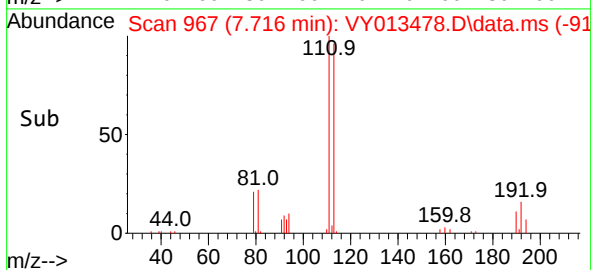
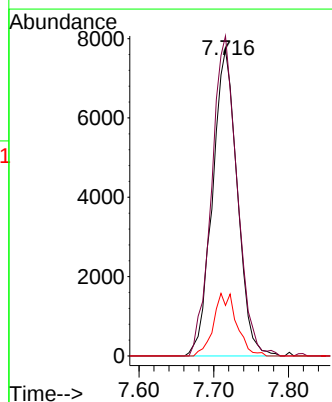
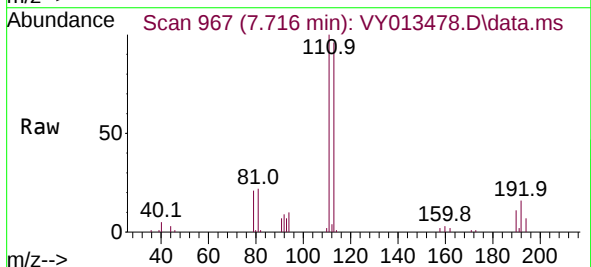
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2

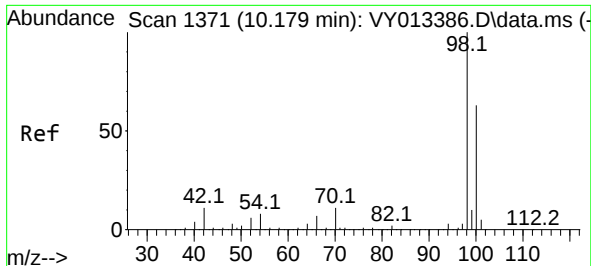
Tgt Ion:	114	Resp:	39726
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	36.6
88	13.8	0.0	28.8



#35
Dibromofluoromethane
Concen: 71.368 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

Tgt Ion:	113	Resp:	17832
Ion Ratio	Lower	Upper	
113	100		
111	106.9	82.2	123.2
192	19.1	16.7	25.1

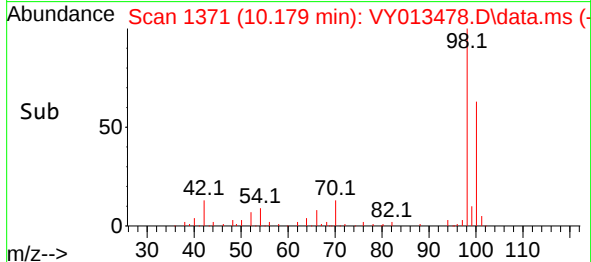
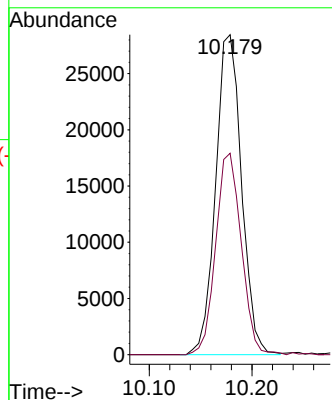
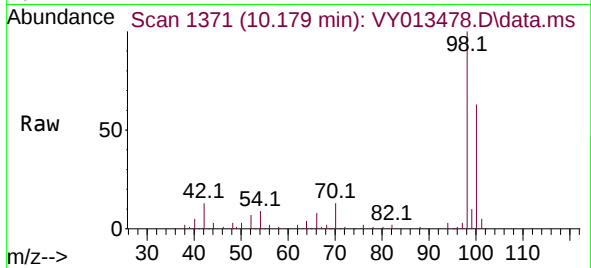




#50
Toluene-d8
Concen: 55.923 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

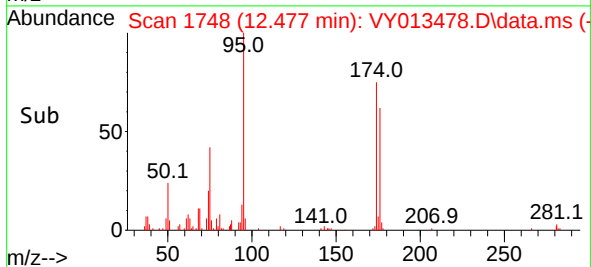
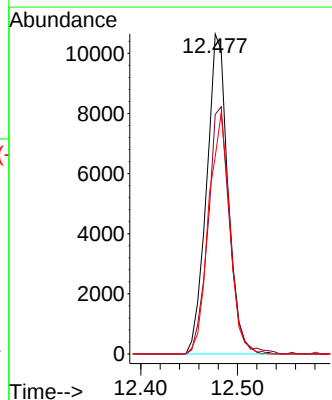
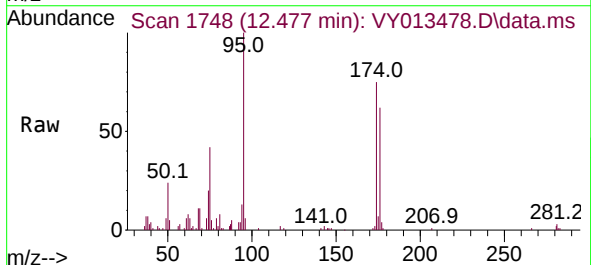
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP2

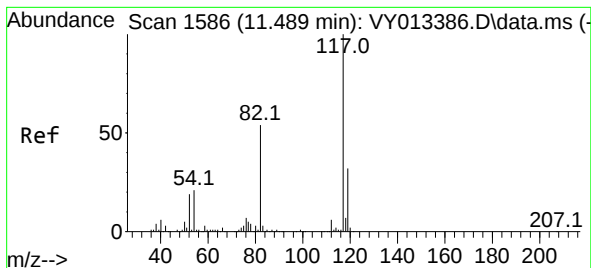
Tgt Ion: 98 Resp: 49707
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 54.640 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013478.D
Acq: 26 Apr 2023 17:03

Tgt Ion: 95 Resp: 16373
Ion Ratio Lower Upper
95 100
174 78.2 0.0 182.0
176 74.5 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013478.D

Acq: 26 Apr 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

S2S-TP2

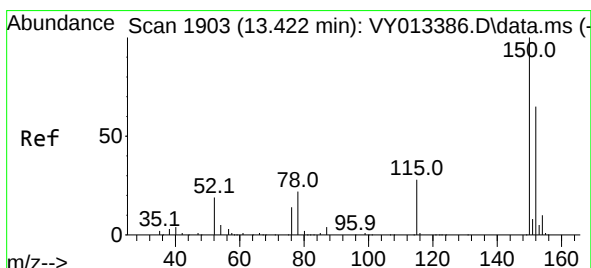
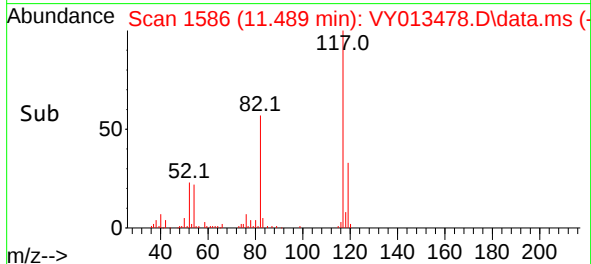
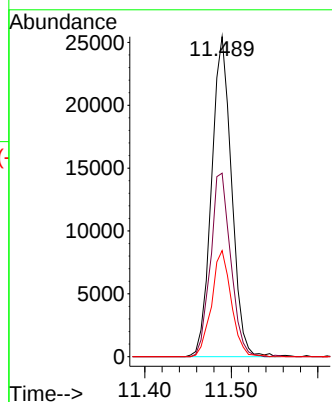
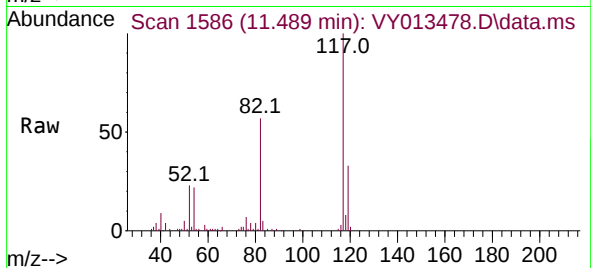
Tgt Ion:117 Resp: 40817

Ion Ratio Lower Upper

117 100

82 57.4 43.0 64.6

119 33.2 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: VY013478.D

Acq: 26 Apr 2023 17:03

Tgt Ion:152 Resp: 17173

Ion Ratio Lower Upper

152 100

115 58.9 28.1 84.2

150 155.9 0.0 352.0

