

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
 Data File : VY015436.D
 Acq On : 05 Sep 2023 17:27
 Operator : SY/MD
 Sample : 04256-07
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-4-6

Quant Time: Sep 06 01:45:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	220388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	375367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162904	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143643	60.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.600%
35) Dibromofluoromethane	7.710	113	117680	54.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.860%
50) Toluene-d8	10.173	98	442279	56.489	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.980%
62) 4-Bromofluorobenzene	12.477	95	151097	51.984	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.960%

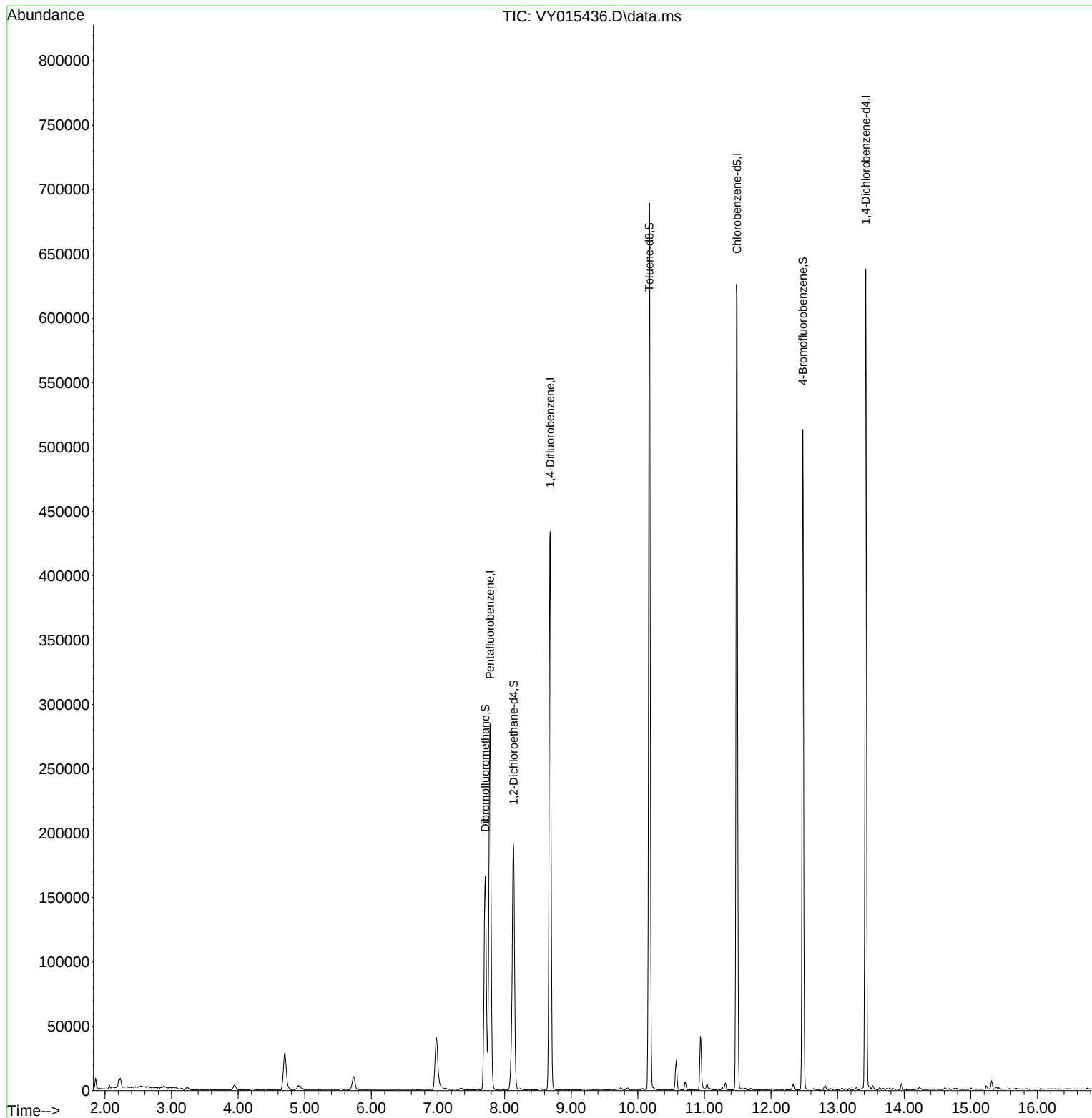
Target Compounds	Qvalue

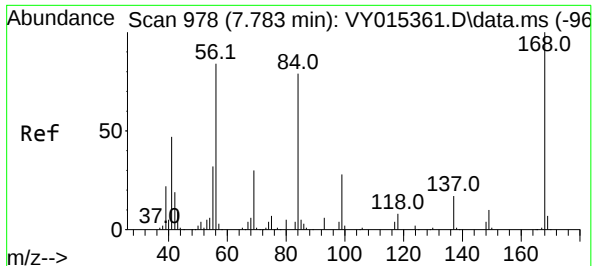
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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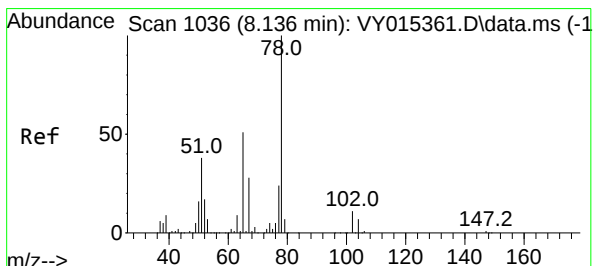
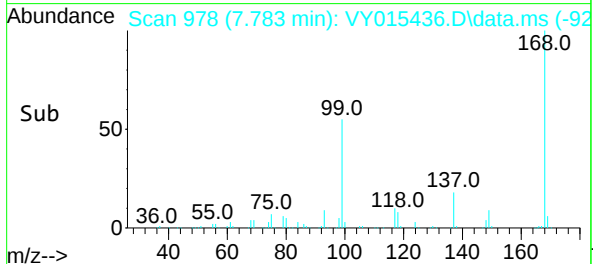
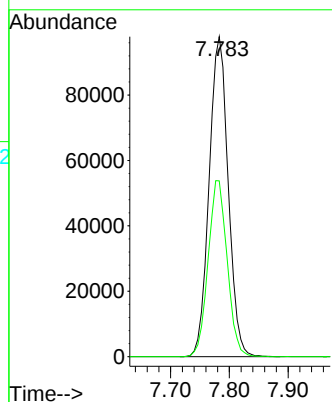
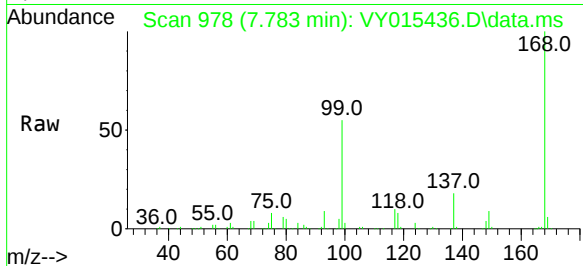




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

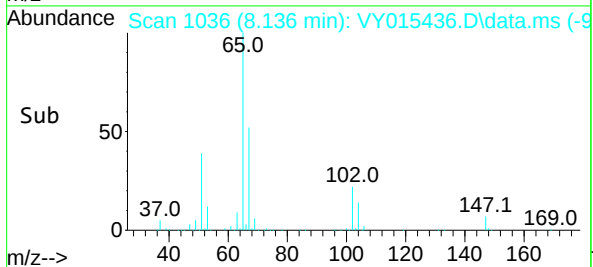
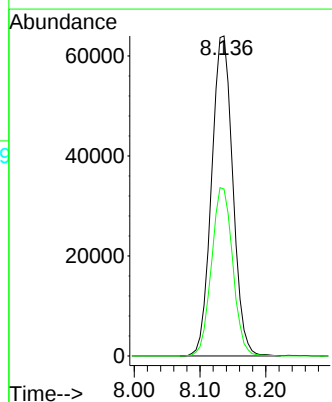
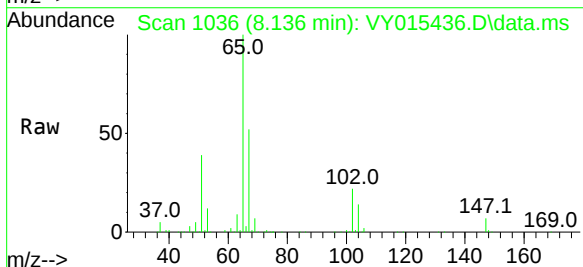
Instrument :
MSVOA_Y
ClientSampleId :
MW-4-6

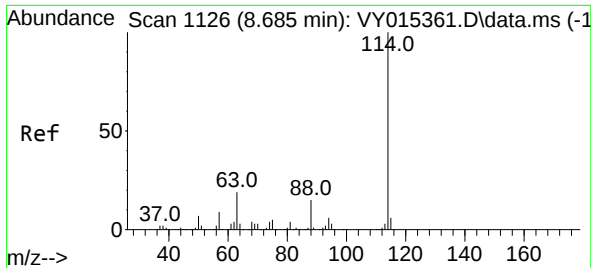
Tgt Ion:168 Resp: 220388
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.801 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

Tgt Ion: 65 Resp: 143643
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8

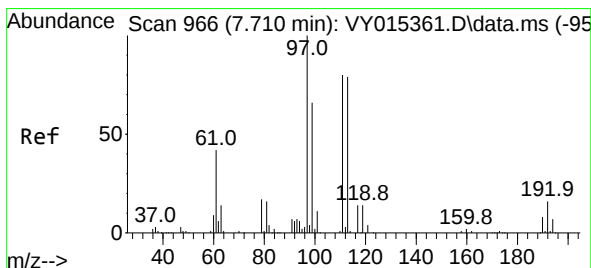
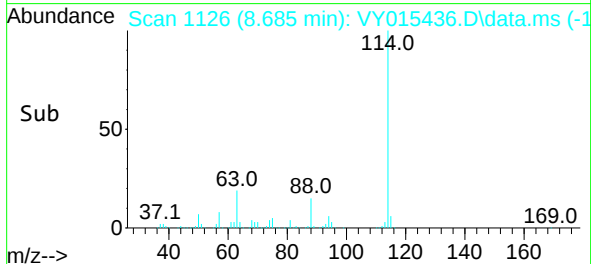
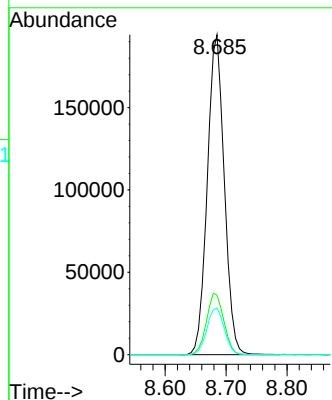
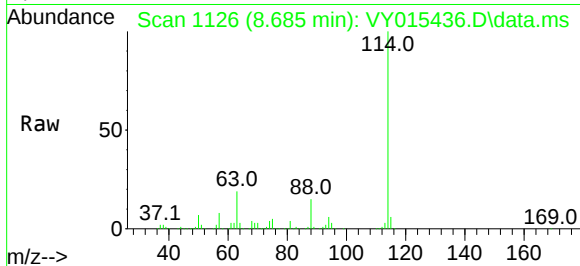




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

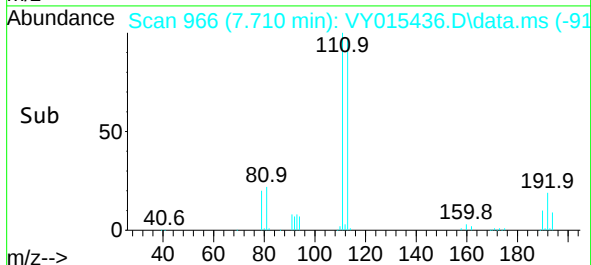
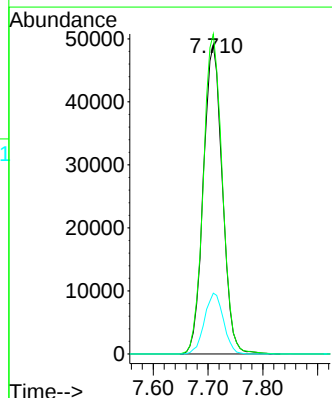
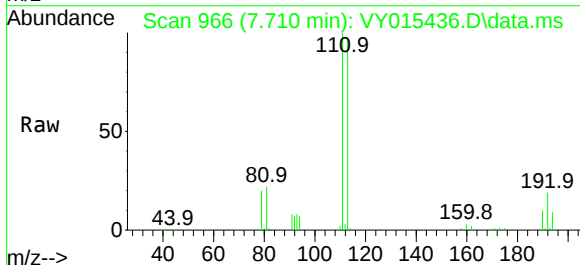
Instrument :
MSVOA_Y
ClientSampleId :
MW-4-6

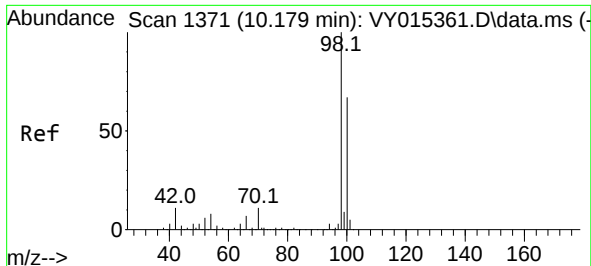
Tgt Ion:	114	Resp:	375367
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	42.4
88	14.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.430 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

Tgt Ion:	113	Resp:	117680
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.3	121.9
192	19.7	16.9	25.3

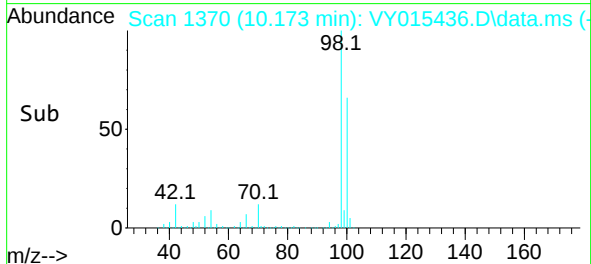
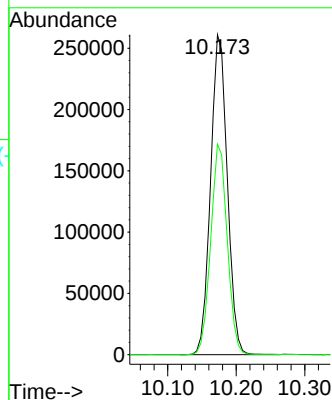
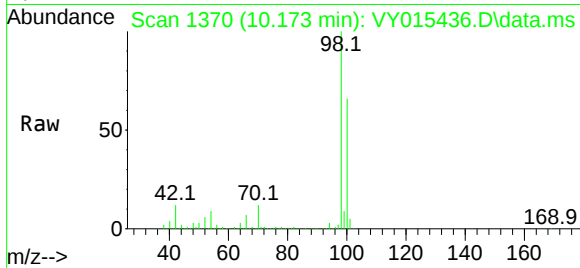




#50
Toluene-d8
Concen: 56.489 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

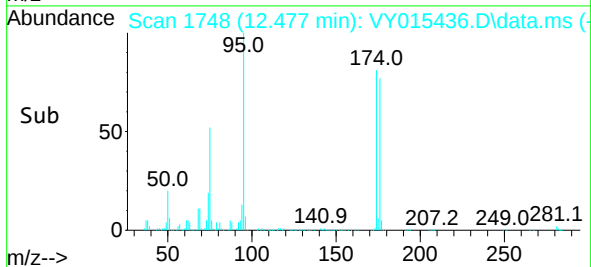
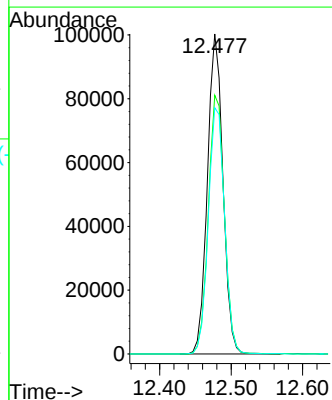
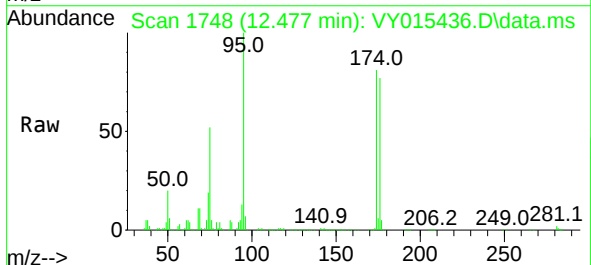
Instrument :
MSVOA_Y
ClientSampleId :
MW-4-6

Tgt Ion: 98 Resp: 442279
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.984 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015436.D
Acq: 05 Sep 2023 17:27

Tgt Ion: 95 Resp: 151097
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 80.7 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: VY015436.D

Acq: 05 Sep 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

MW-4-6

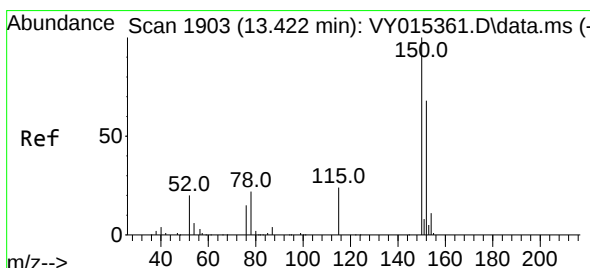
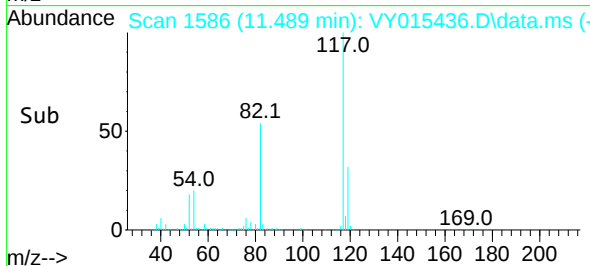
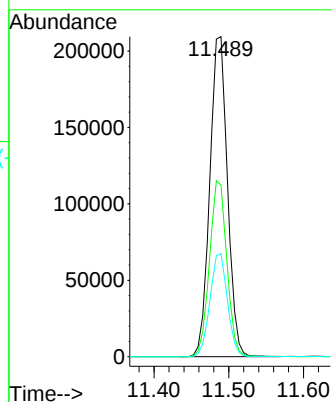
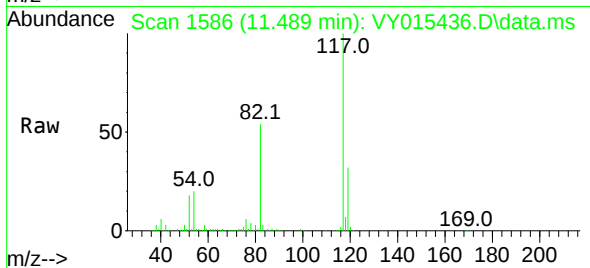
Tgt Ion:117 Resp: 344338

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015436.D

Acq: 05 Sep 2023 17:27

Tgt Ion:152 Resp: 162904

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 157.5 0.0 348.8

