

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015709.D
 Acq On : 26 Sep 2023 15:15
 Operator : SY/MD
 Sample : 04597-01
 Misc : 4.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 340

Quant Time: Sep 27 01:32:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	127937	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	218126	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	197636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	79964	56.806	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.620%
35) Dibromofluoromethane	7.728	113	69829	53.486	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.980%
50) Toluene-d8	10.185	98	256344	57.909	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.820%
62) 4-Bromofluorobenzene	12.483	95	83281	47.940	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.880%

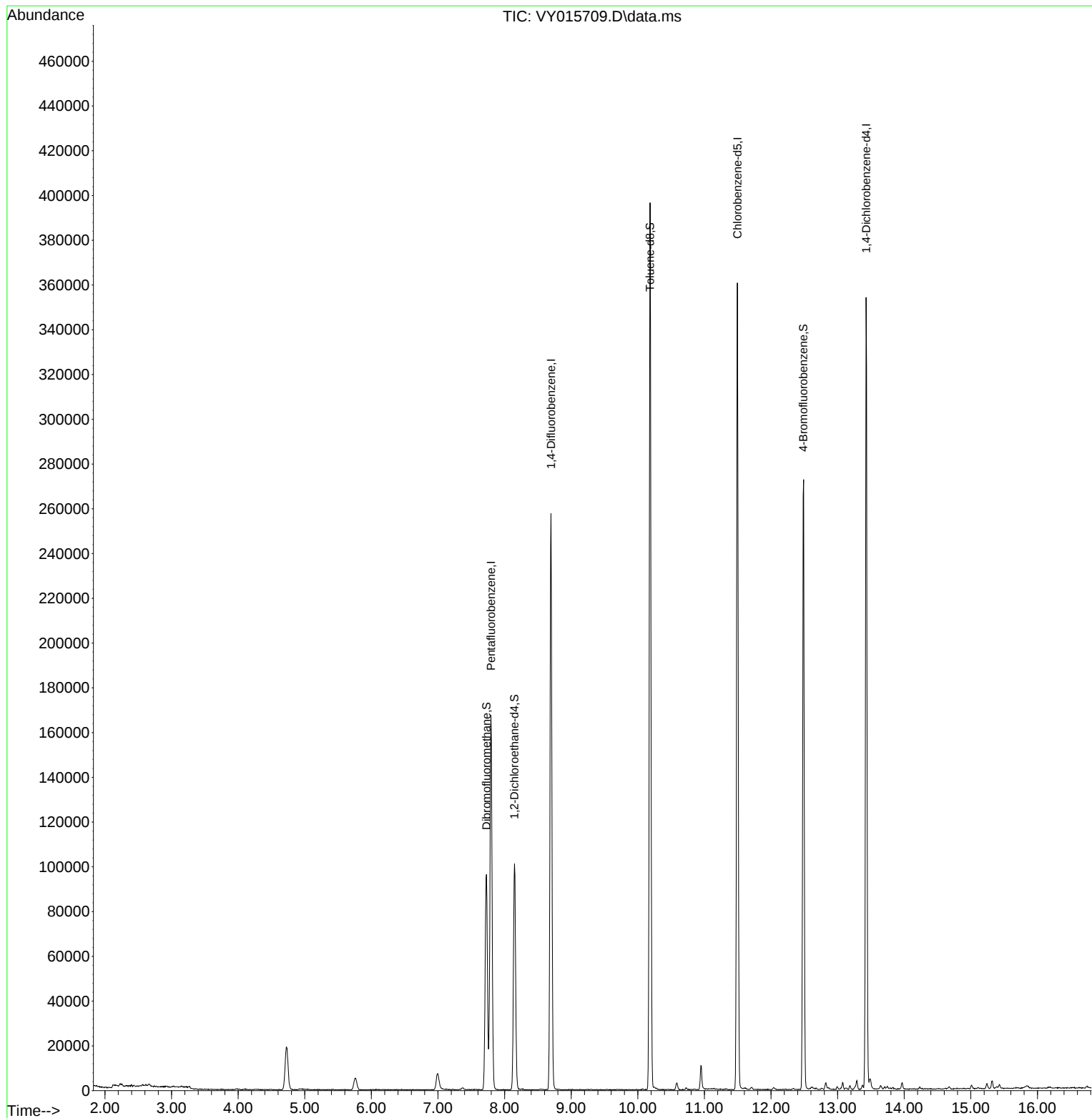
Target Compounds	Qvalue

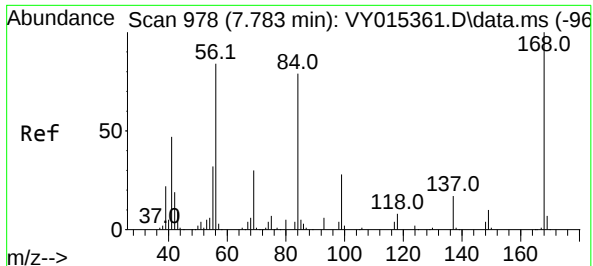
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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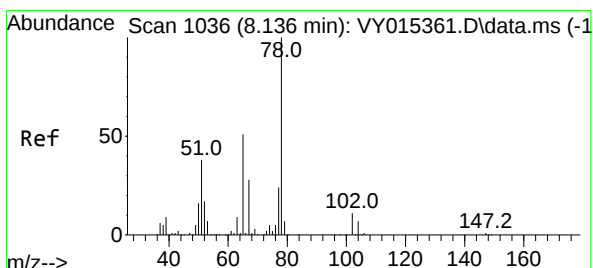
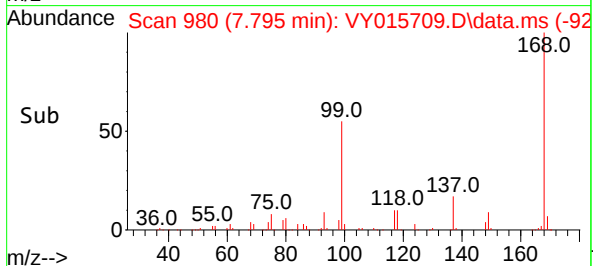
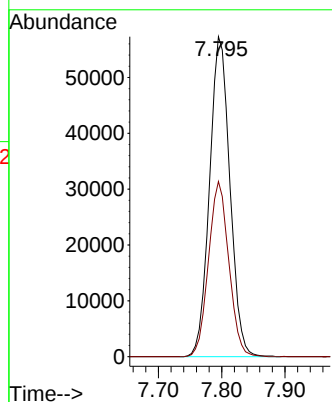
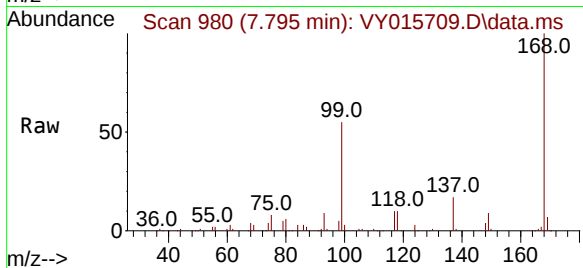




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015709.D
Acq: 26 Sep 2023 15:15

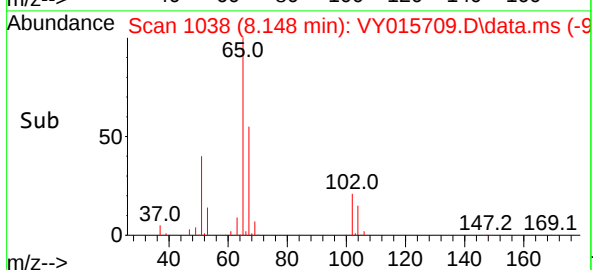
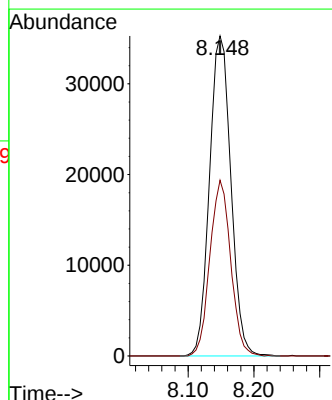
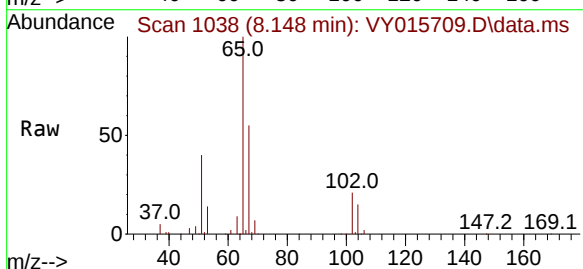
Instrument :
MSVOA_Y
ClientSampleId :
340

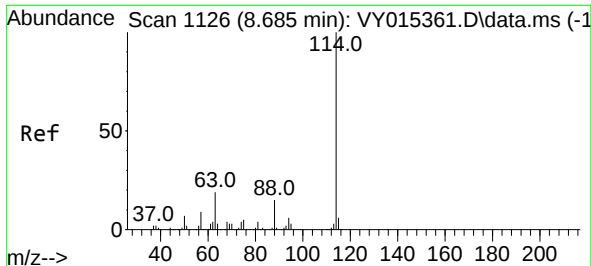
Tgt Ion:168 Resp: 127937
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.806 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015709.D
Acq: 26 Sep 2023 15:15

Tgt Ion: 65 Resp: 79964
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.8

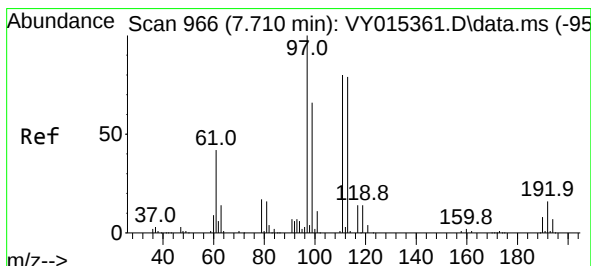
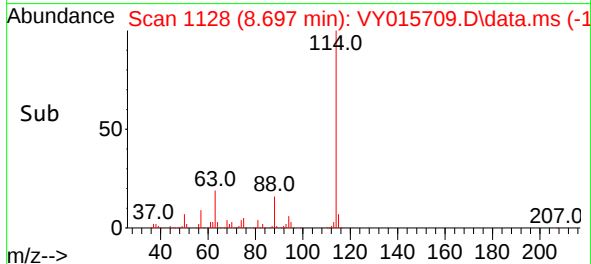
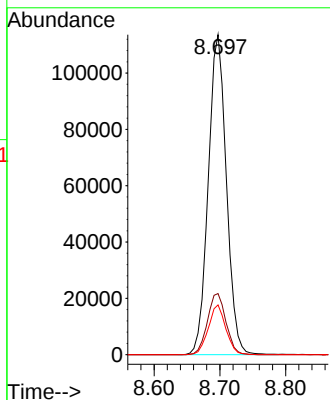
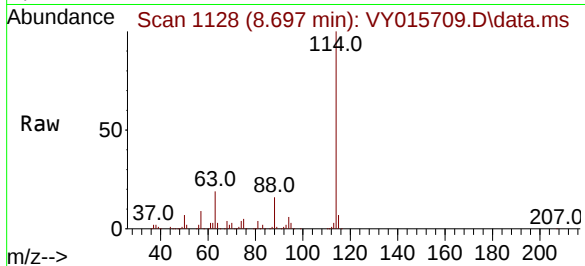




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY015709.D
Acq: 26 Sep 2023 15:15

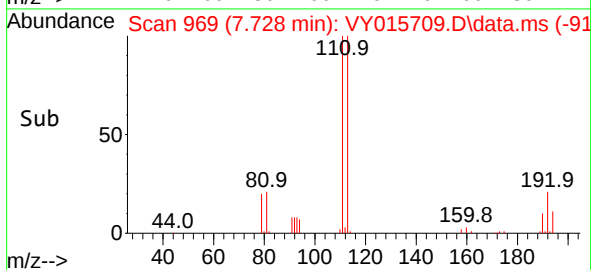
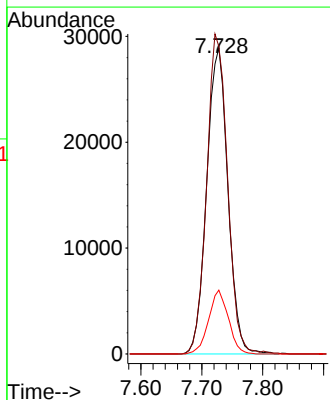
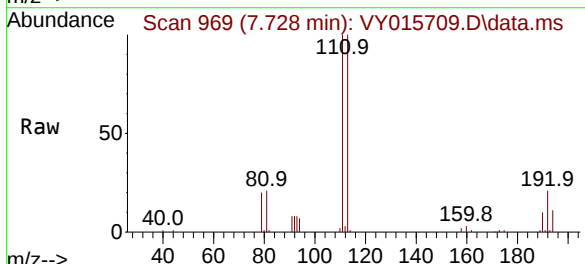
Instrument :
MSVOA_Y
ClientSampleId :
340

Tgt Ion:114 Resp: 218126
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.486 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY015709.D
Acq: 26 Sep 2023 15:15

Tgt Ion:113 Resp: 69829
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.5 16.9 25.3

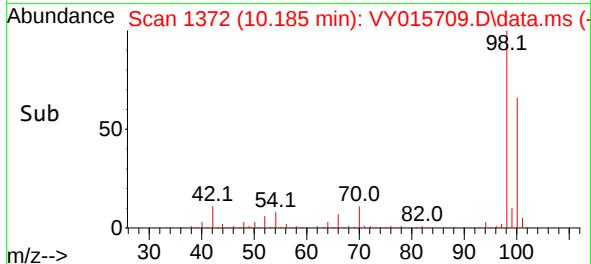
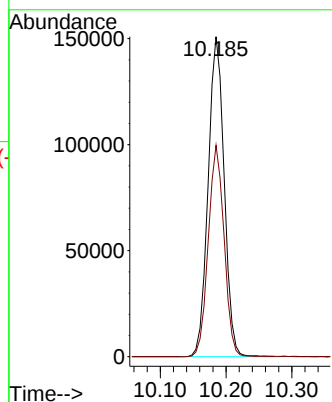
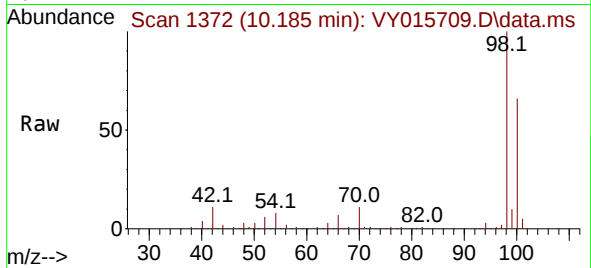




#50
Toluene-d8
Concen: 57.909 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015709.D
Acq: 26 Sep 2023 15:15

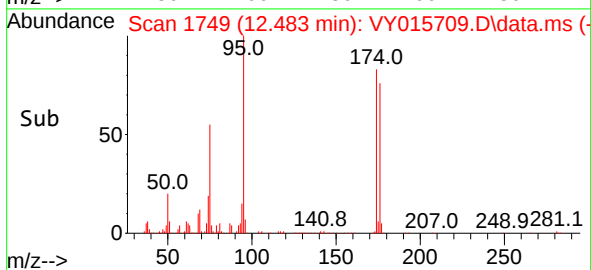
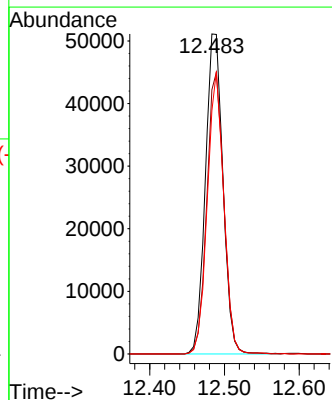
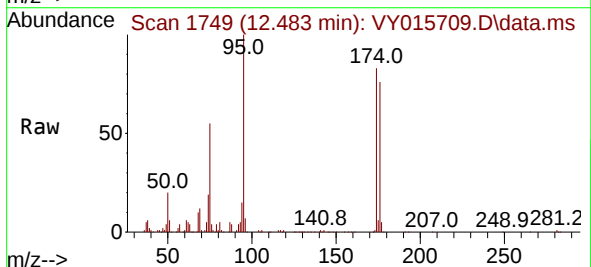
Instrument :
MSVOA_Y
ClientSampleId :
340

Tgt Ion: 98 Resp: 256344
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.940 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015709.D
Acq: 26 Sep 2023 15:15

Tgt Ion: 95 Resp: 83281
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015709.D

Acq: 26 Sep 2023 15:15

Instrument :

MSVOA_Y

ClientSampleId :

340

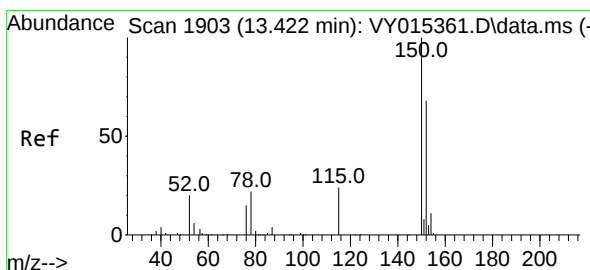
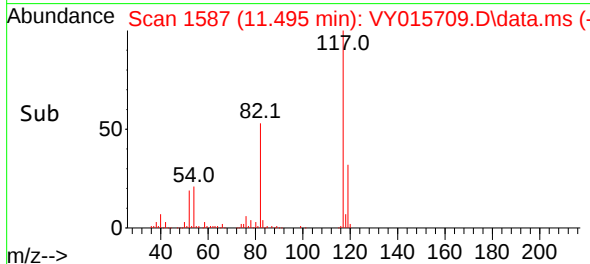
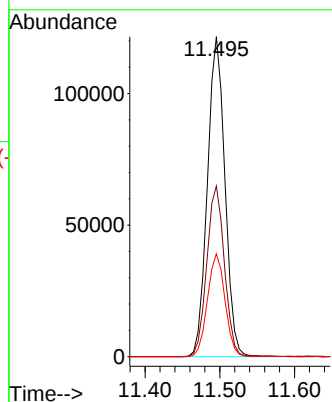
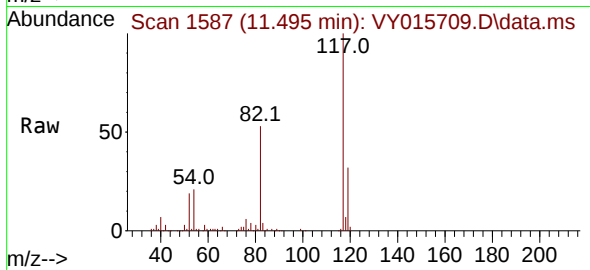
Tgt Ion:117 Resp: 197636

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015709.D

Acq: 26 Sep 2023 15:15

Tgt Ion:152 Resp: 89527

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 158.3 0.0 348.8

