

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
 Data File : VY015435.D
 Acq On : 05 Sep 2023 17:02
 Operator : SY/MD
 Sample : 04264-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

Quant Time: Sep 06 01:45:28 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	161642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	237442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	98291	56.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.440%
35) Dibromofluoromethane	7.704	113	84111	53.897	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.800%
50) Toluene-d8	10.173	98	312968	55.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.760%
62) 4-Bromofluorobenzene	12.477	95	100283	47.799	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.600%

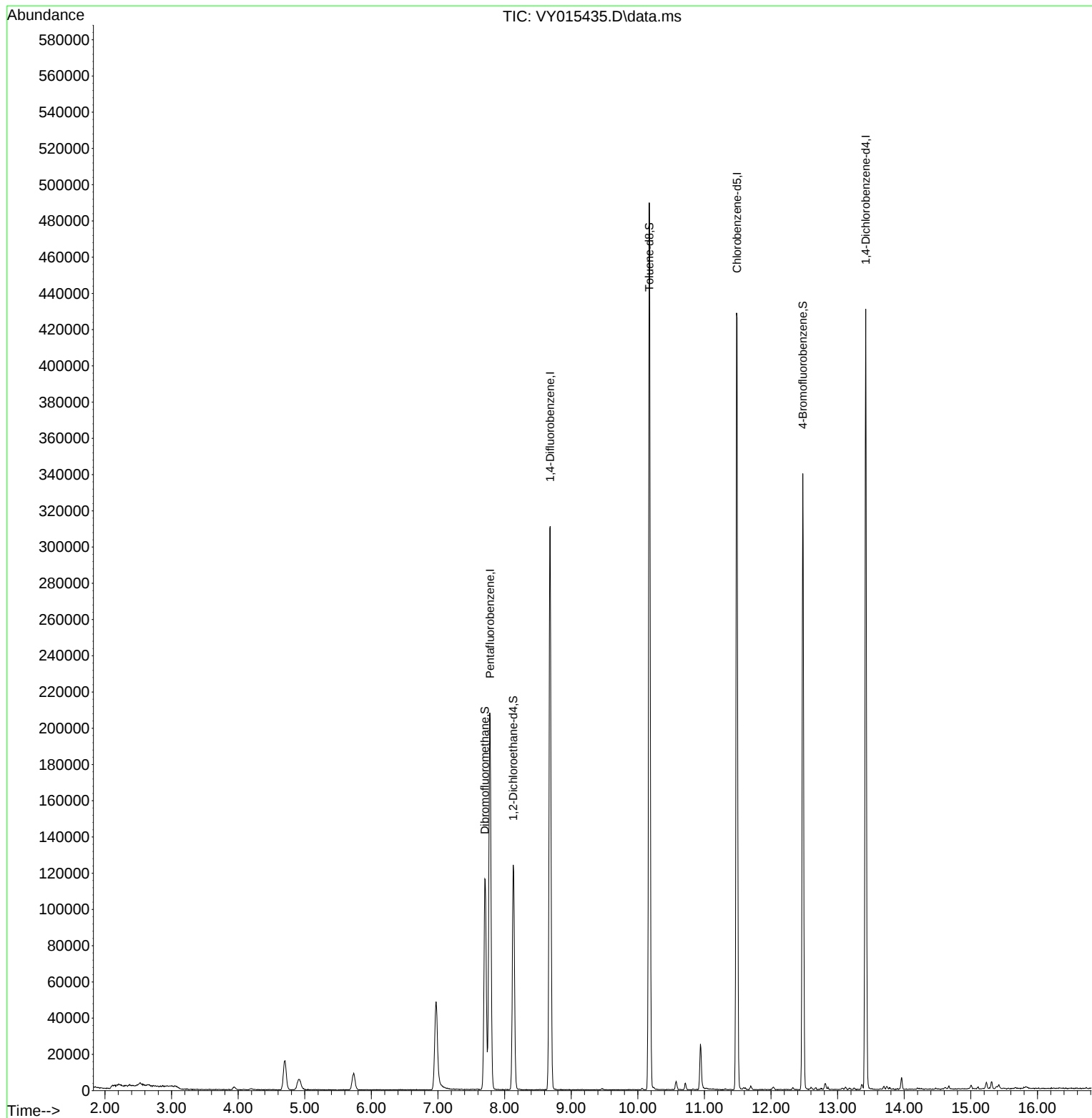
Target Compounds	Qvalue

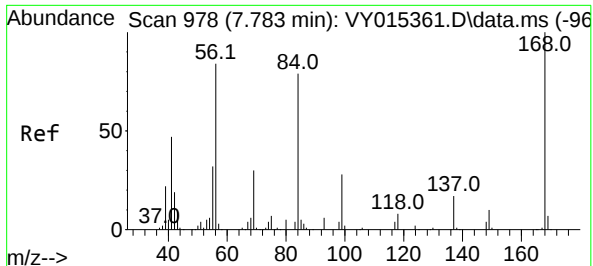
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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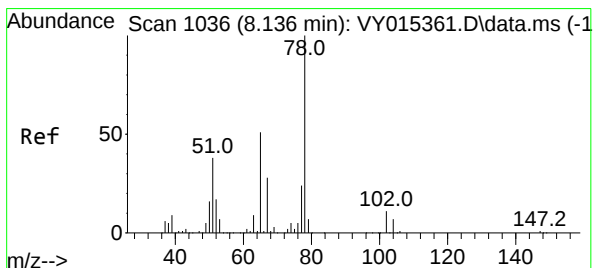
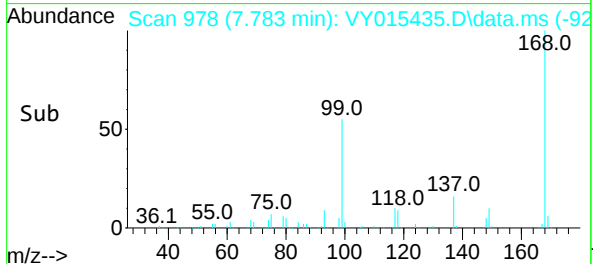
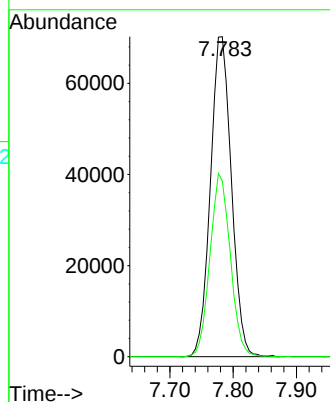
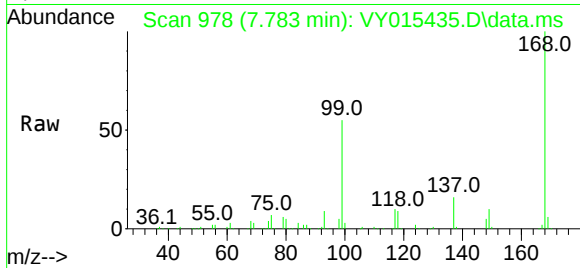




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

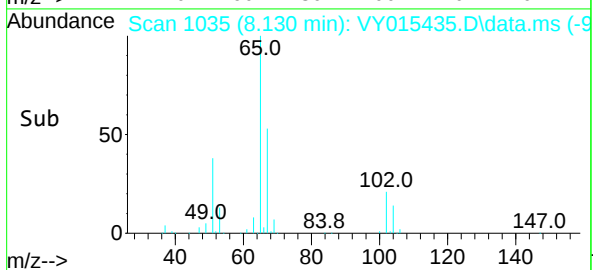
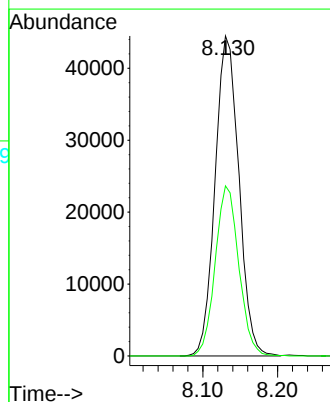
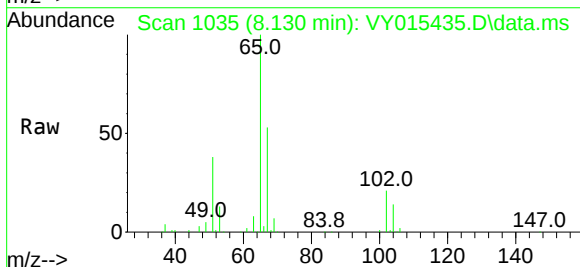
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

Tgt Ion:168 Resp: 161642
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.724 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

Tgt Ion: 65 Resp: 98291
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8

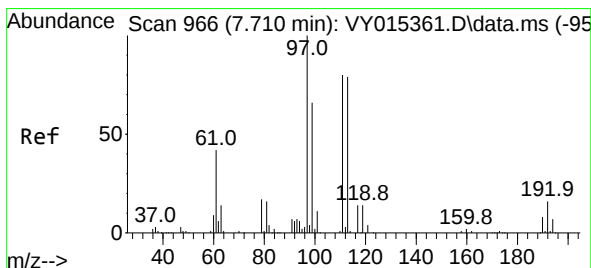
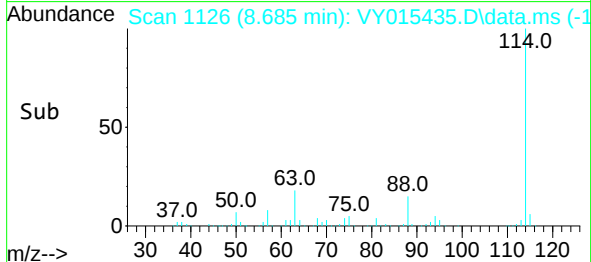
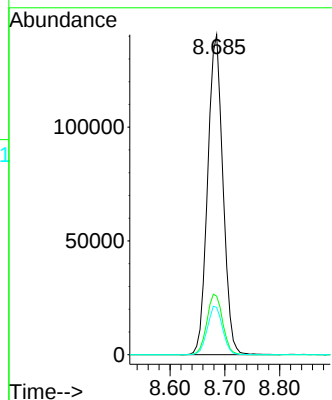
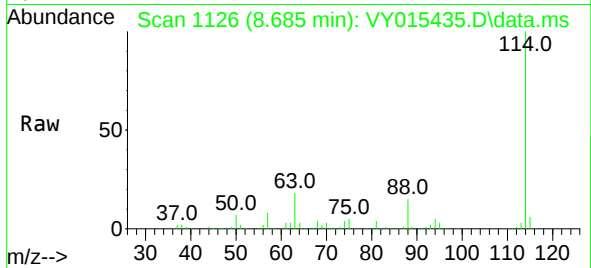




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

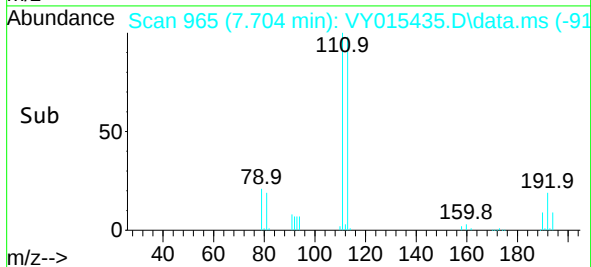
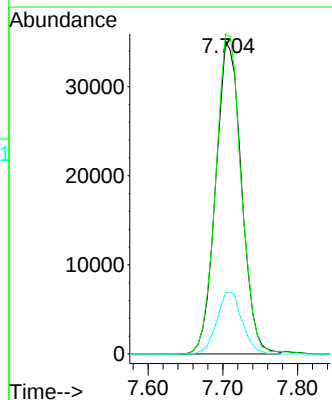
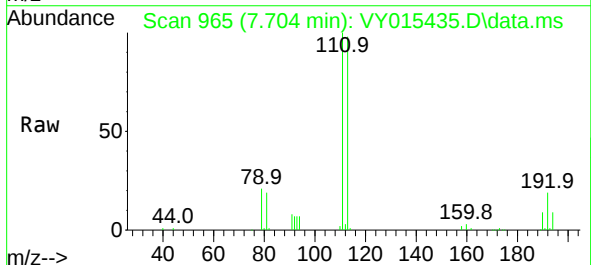
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

Tgt Ion:114 Resp: 270945
Ion Ratio Lower Upper
114 100
63 18.3 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.897 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

Tgt Ion:113 Resp: 84111
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.5 16.9 25.3

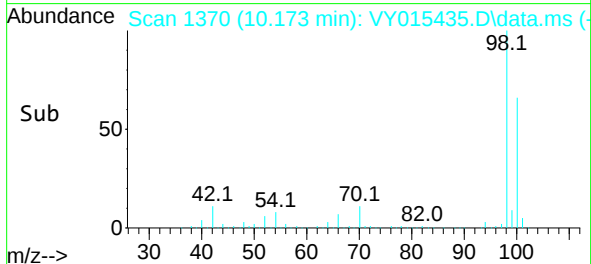
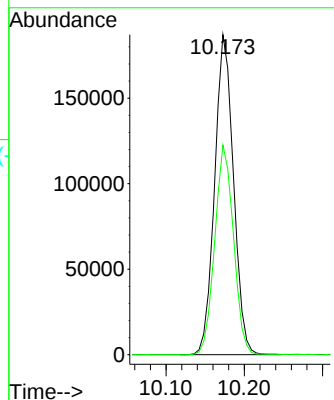
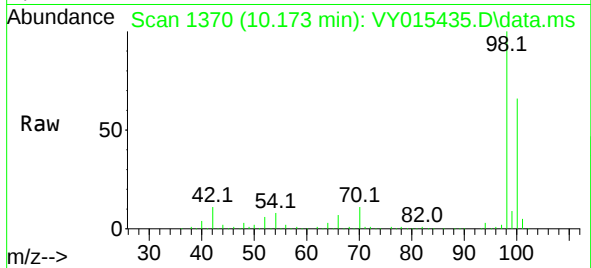




#50
Toluene-d8
Concen: 55.378 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

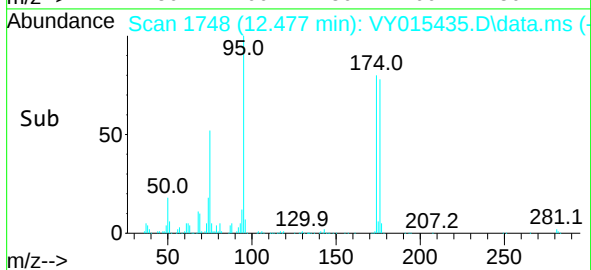
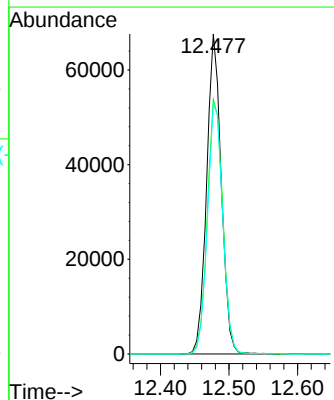
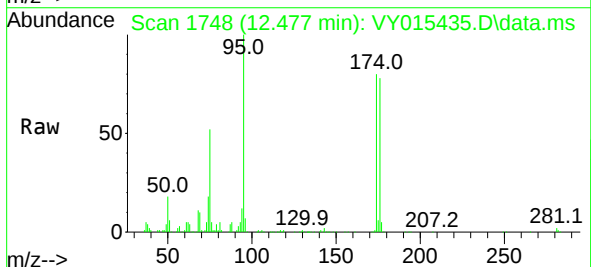
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

Tgt Ion: 98 Resp: 312968
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.799 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015435.D
Acq: 05 Sep 2023 17:02

Tgt Ion: 95 Resp: 100283
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 81.5 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: VY015435.D

Acq: 05 Sep 2023 17:02

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-206

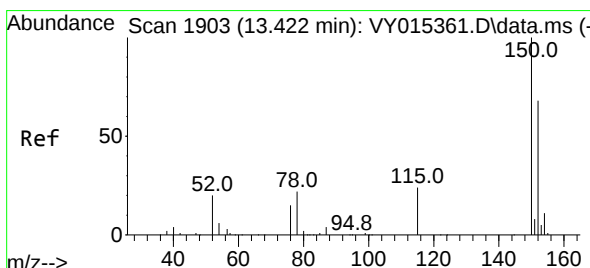
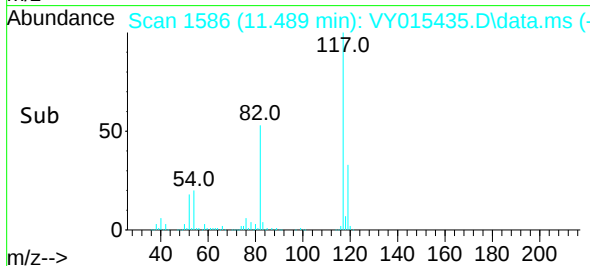
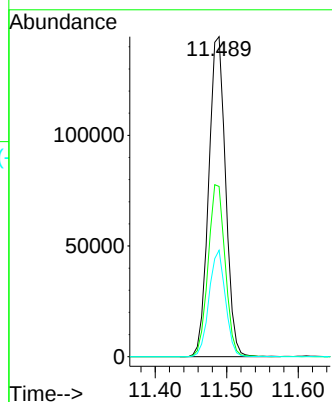
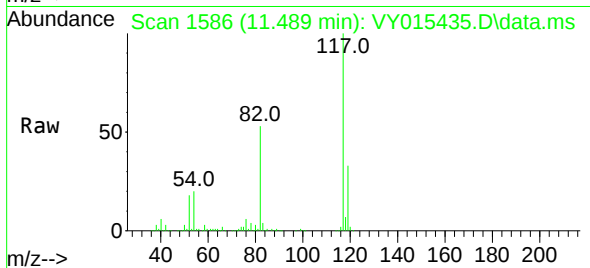
Tgt Ion:117 Resp: 237442

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 33.3 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: VY015435.D

Acq: 05 Sep 2023 17:02

Tgt Ion:152 Resp: 105853

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 156.8 0.0 348.8

