

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015493.D
 Acq On : 11 Sep 2023 17:39
 Operator : SY/MD
 Sample : 04370-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-09082023

Quant Time: Sep 12 01:20:34 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	334760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	549952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	502913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	250806	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	211239	58.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.720%
35) Dibromofluoromethane	7.710	113	172448	54.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.880%
50) Toluene-d8	10.179	98	641907	55.959	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.920%
62) 4-Bromofluorobenzene	12.477	95	232350	54.562	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.120%

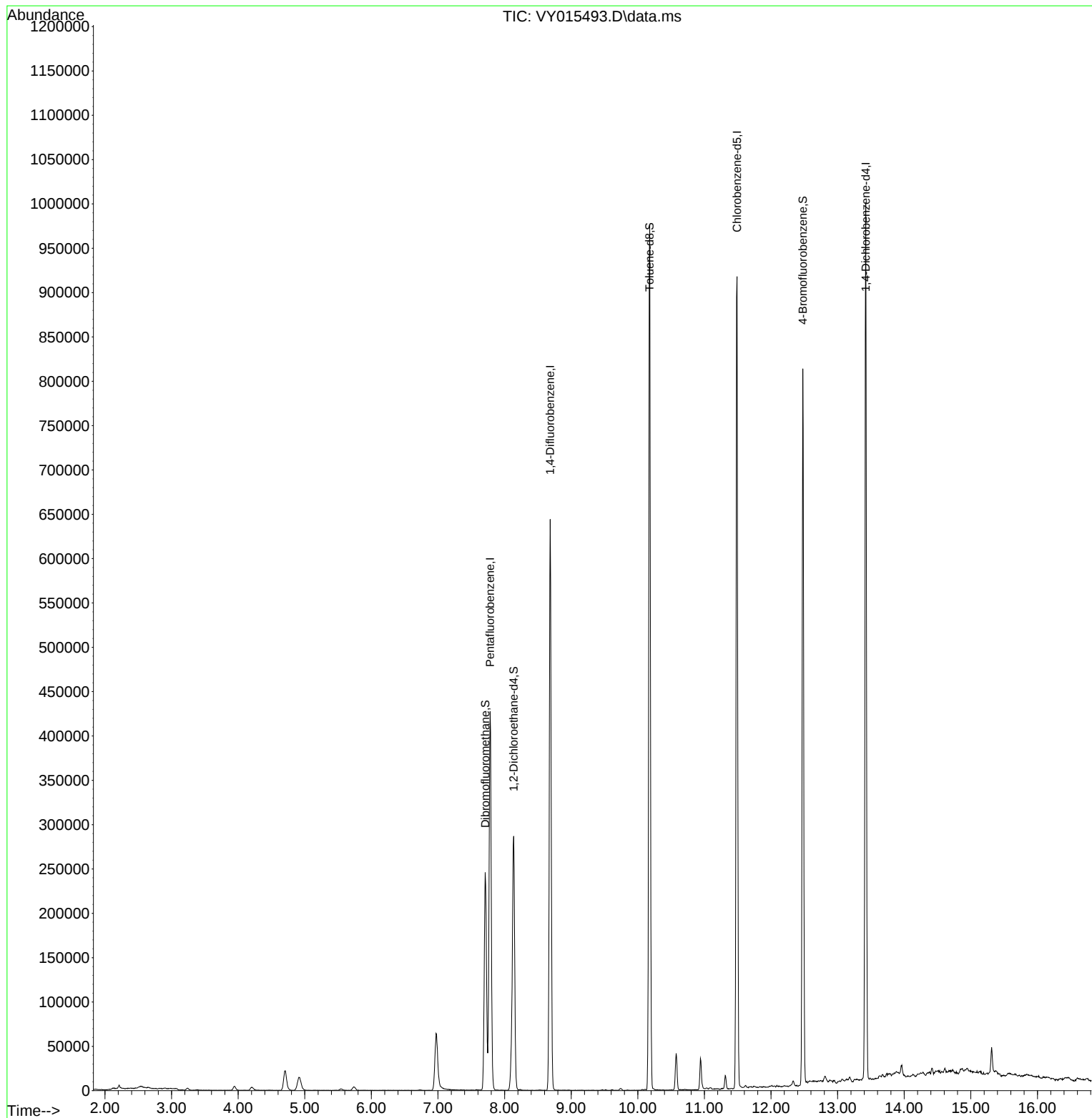
Target Compounds	Qvalue

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

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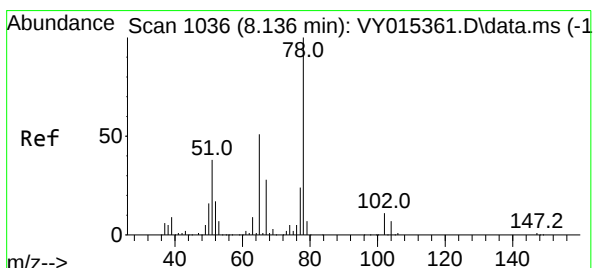
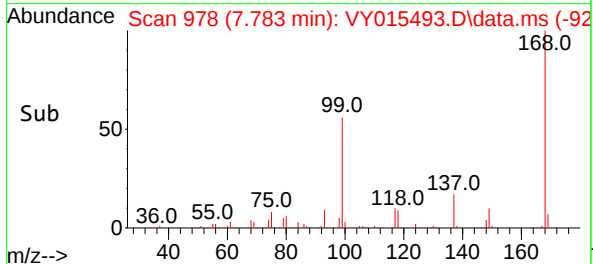
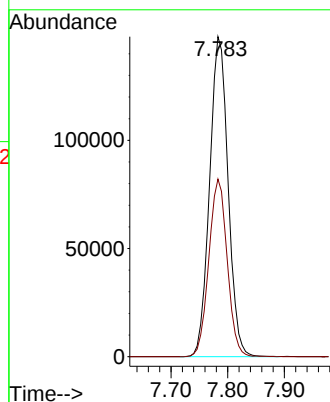
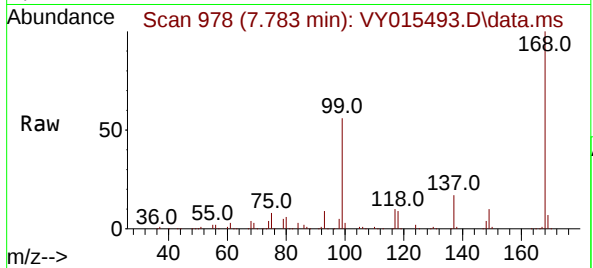




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

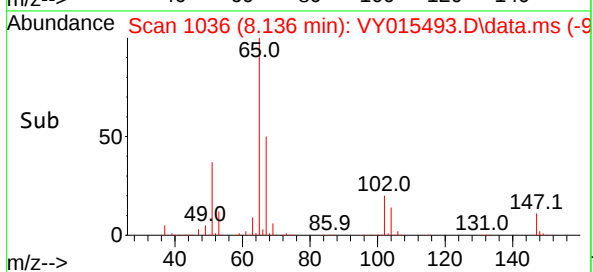
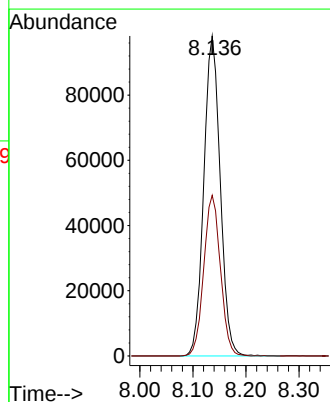
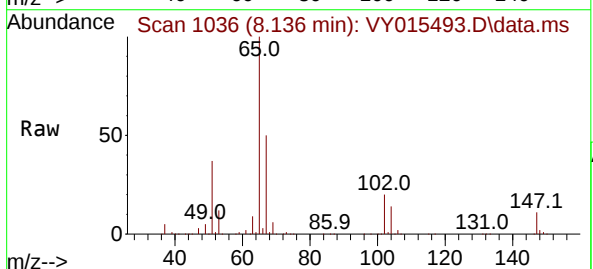
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-09082023

Tgt Ion:168 Resp: 334760
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.864 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

Tgt Ion: 65 Resp: 211239
Ion Ratio Lower Upper
65 100
67 50.8 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: VY015493.D

Acq: 11 Sep 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-09082023

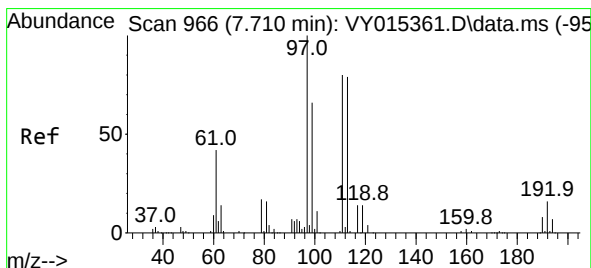
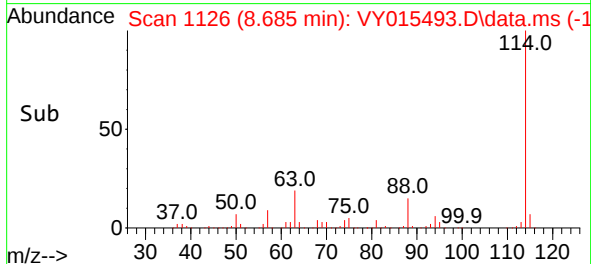
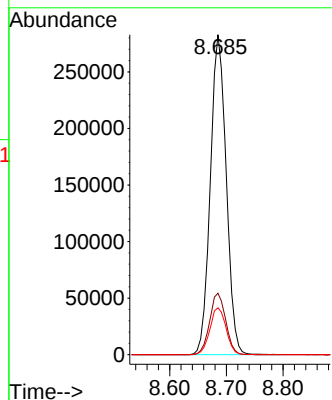
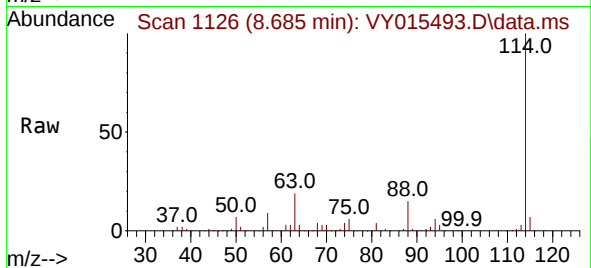
Tgt Ion:114 Resp: 549952

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.441 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015493.D

Acq: 11 Sep 2023 17:39

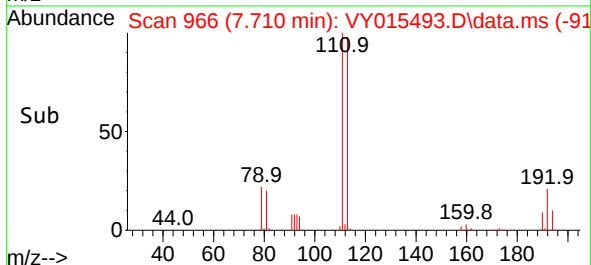
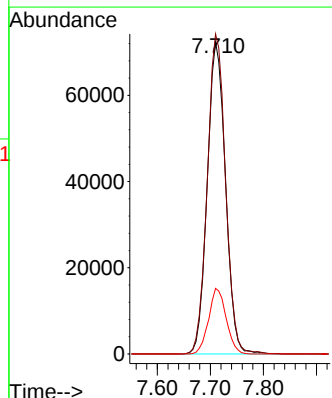
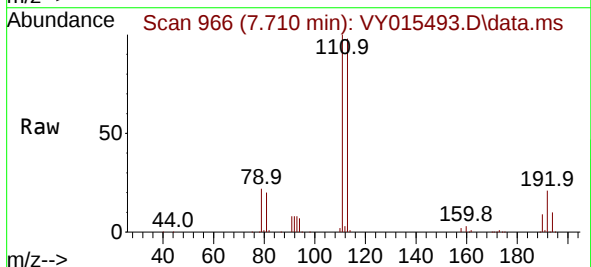
Tgt Ion:113 Resp: 172448

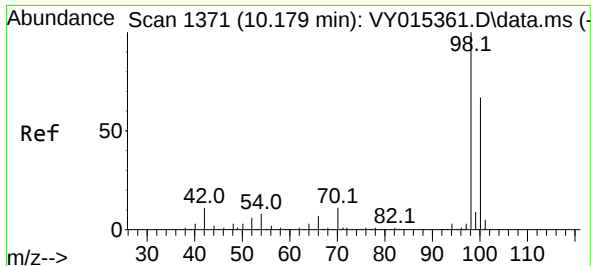
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 20.3 16.9 25.3

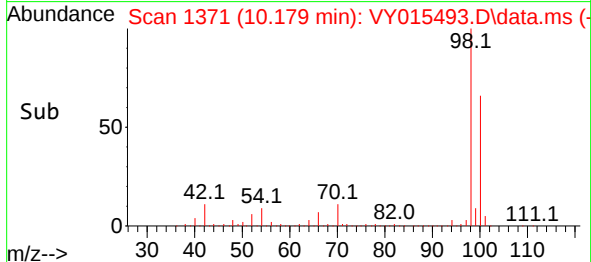
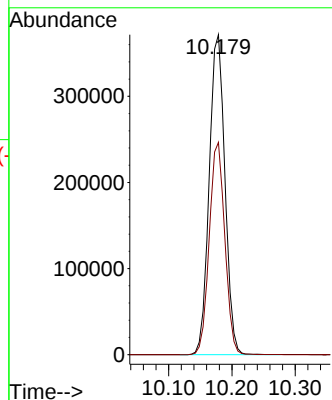
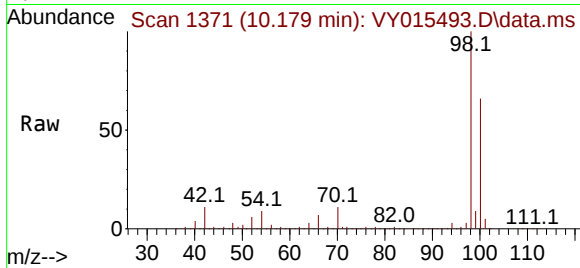




#50
Toluene-d8
Concen: 55.959 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

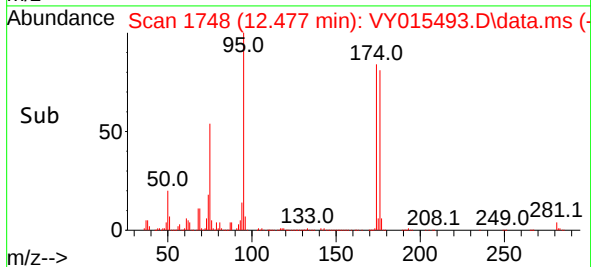
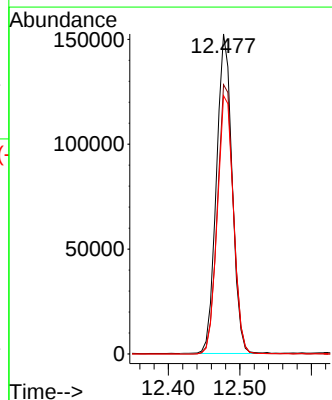
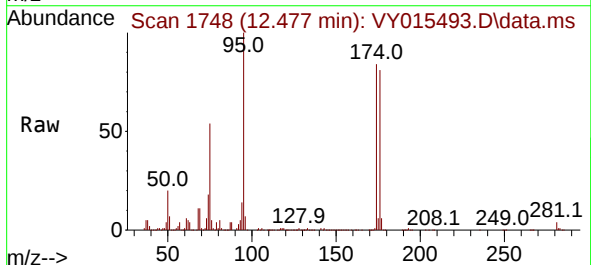
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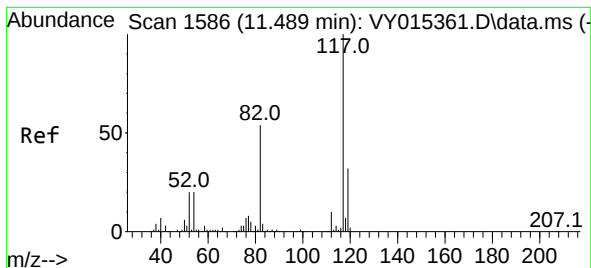
Tgt Ion: 98 Resp: 641907
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.562 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015493.D
Acq: 11 Sep 2023 17:39

Tgt Ion: 95 Resp: 232350
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.9 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: VY015493.D

Acq: 11 Sep 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-09082023

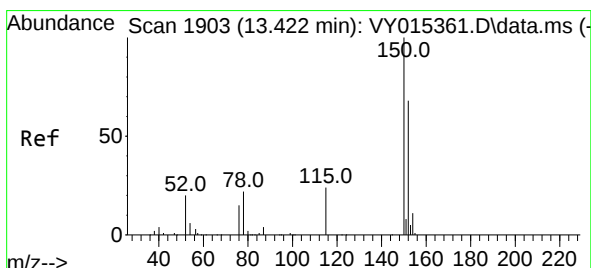
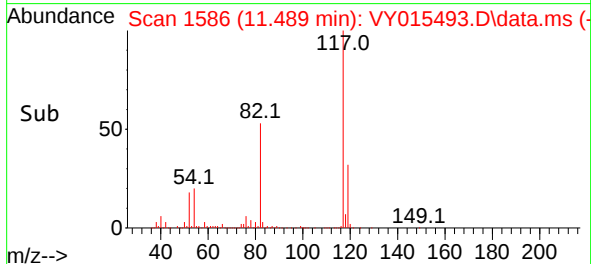
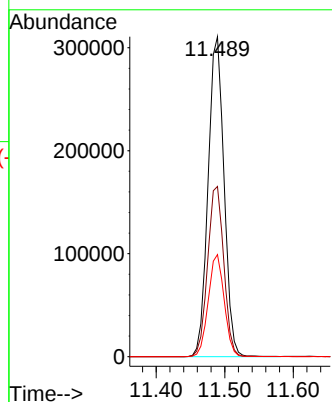
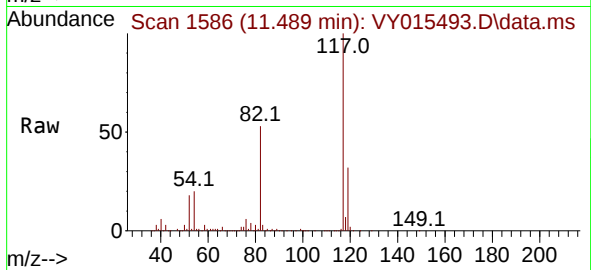
Tgt Ion:117 Resp: 502913

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 31.9 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: VY015493.D

Acq: 11 Sep 2023 17:39

Tgt Ion:152 Resp: 250806

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 156.3 0.0 348.8

