

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015498.D
 Acq On : 11 Sep 2023 19:38
 Operator : SY/MD
 Sample : 04374-08
 Misc : 4.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-1-(23-24)

Quant Time: Sep 12 01:22:11 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	300966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	445169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	310639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100975	31.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	62.600%
35) Dibromofluoromethane	7.710	113	117942	45.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.000%
50) Toluene-d8	10.179	98	501774	54.039	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.080%
62) 4-Bromofluorobenzene	12.477	95	105770	30.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.360%

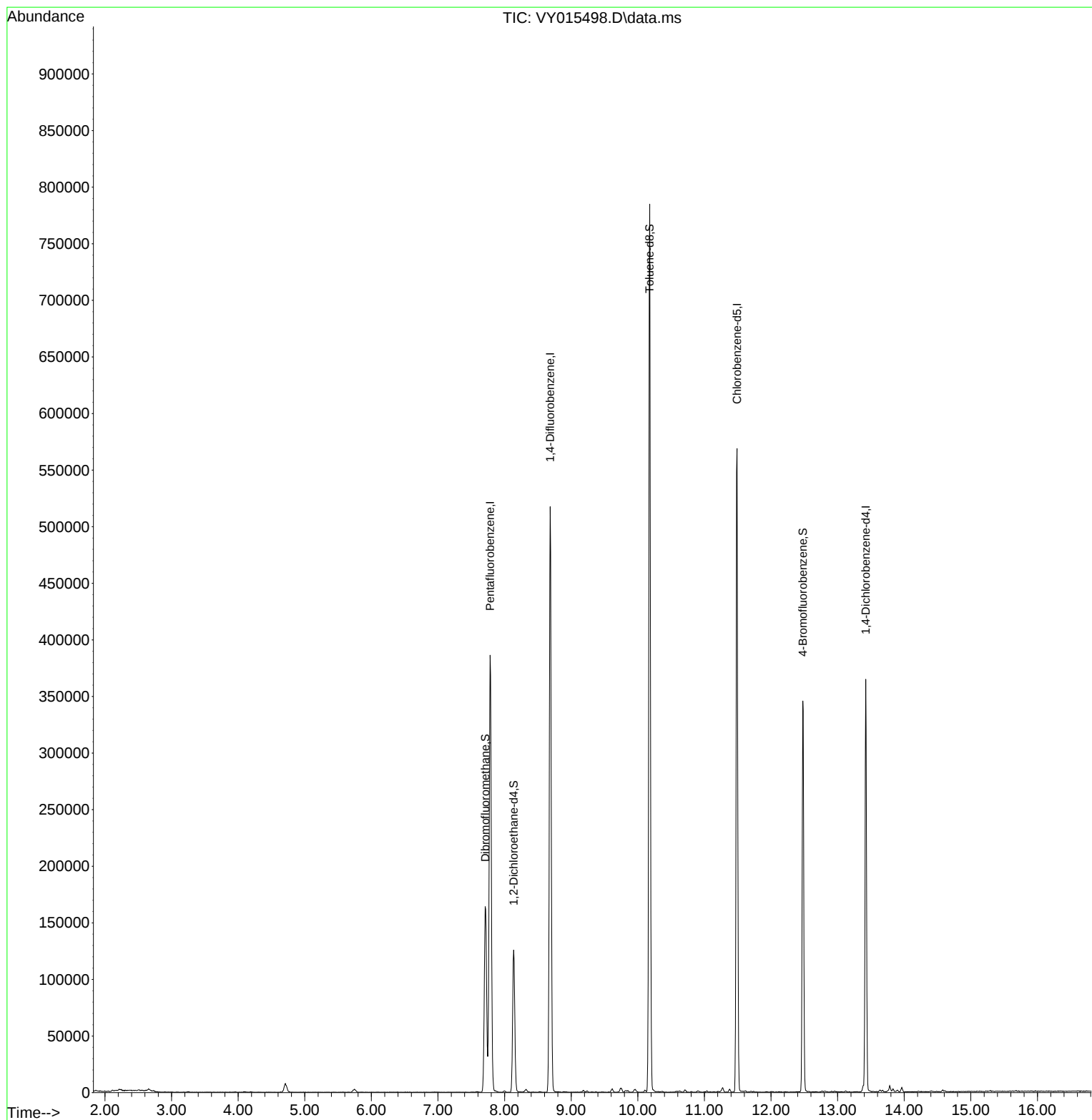
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
Data File : VY015498.D
Acq On : 11 Sep 2023 19:38
Operator : SY/MD
Sample : 04374-08
Misc : 4.90g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-1-(23-24)

Quant Time: Sep 12 01:22:11 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

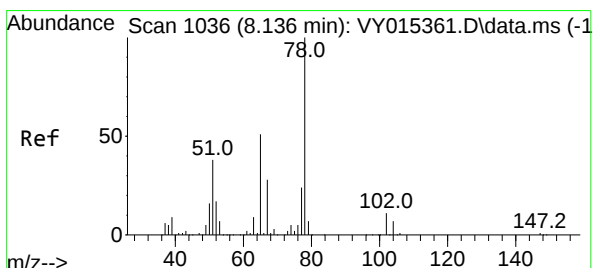
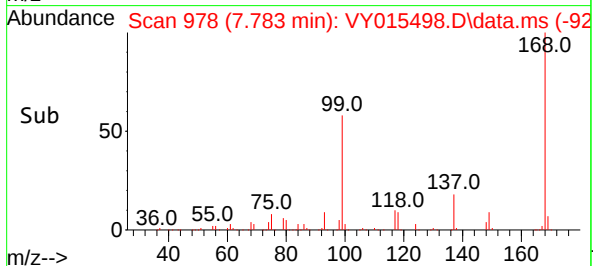
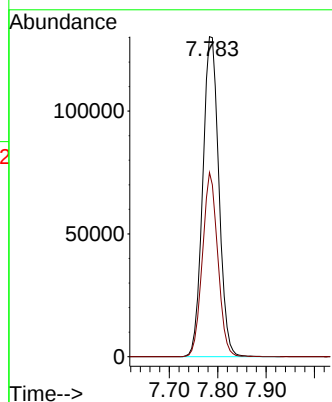
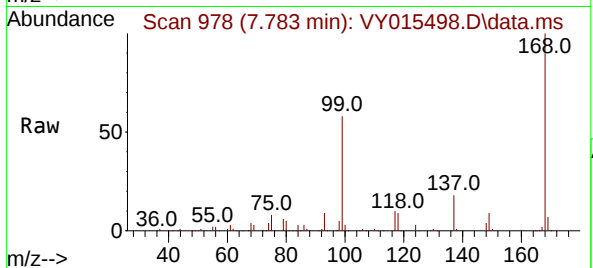




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015498.D
Acq: 11 Sep 2023 19:38

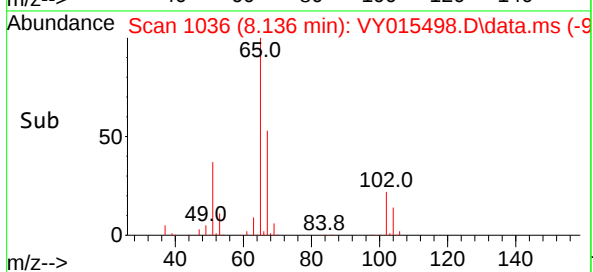
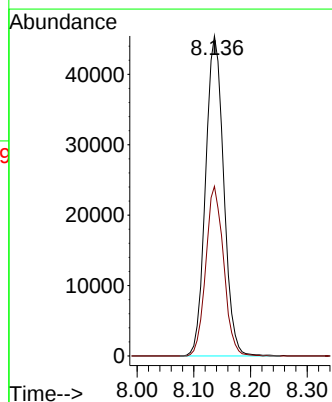
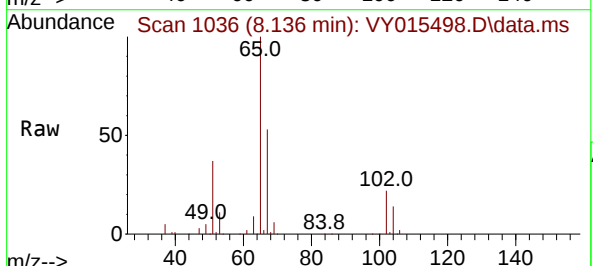
Instrument :
MSVOA_Y
ClientSampleId :
DB-1-(23-24)

Tgt Ion:168 Resp: 300966
Ion Ratio Lower Upper
168 100
99 57.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 31.297 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015498.D
Acq: 11 Sep 2023 19:38

Tgt Ion: 65 Resp: 100975
Ion Ratio Lower Upper
65 100
67 52.1 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: VY015498.D

Acq: 11 Sep 2023 19:38

Instrument :

MSVOA_Y

ClientSampleId :

DB-1-(23-24)

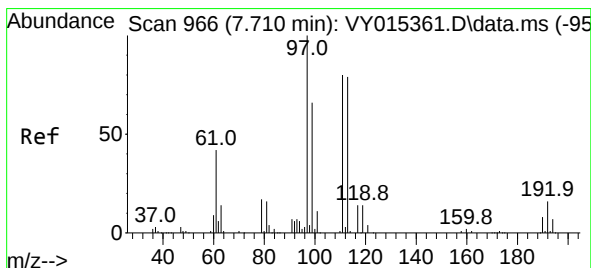
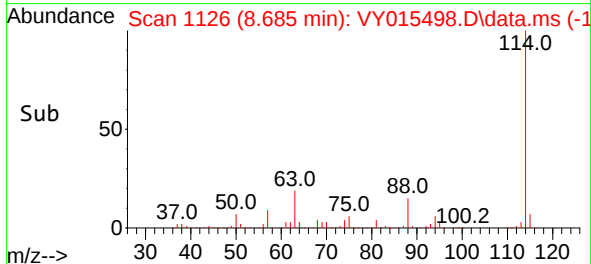
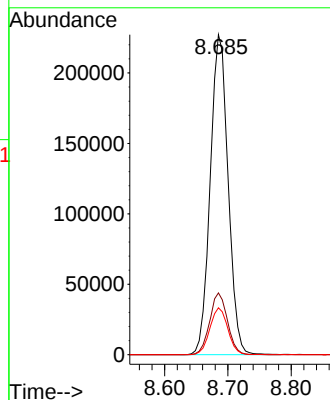
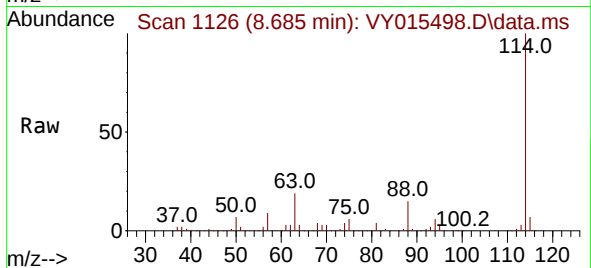
Tgt Ion:114 Resp: 445169

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.998 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015498.D

Acq: 11 Sep 2023 19:38

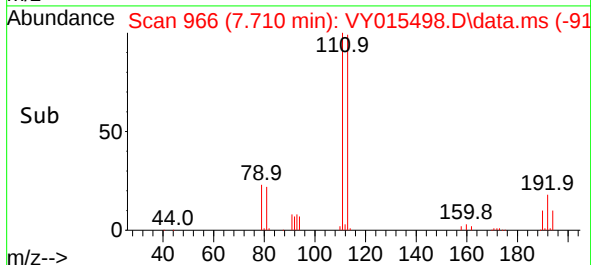
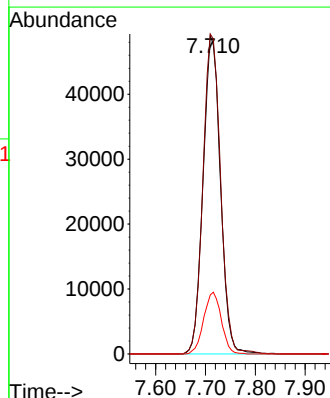
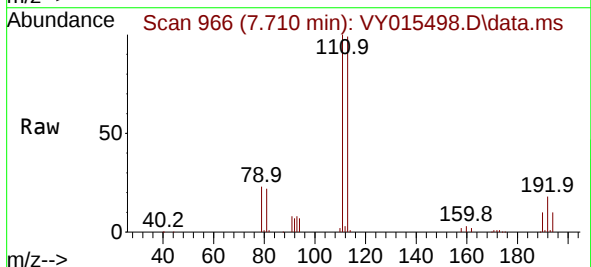
Tgt Ion:113 Resp: 117942

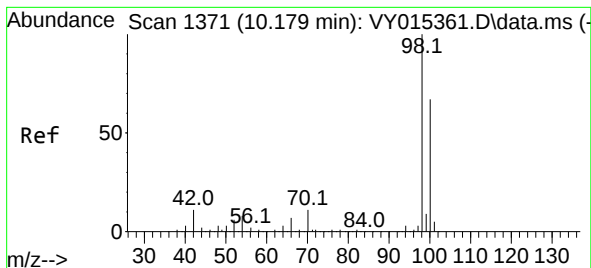
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 19.8 16.9 25.3

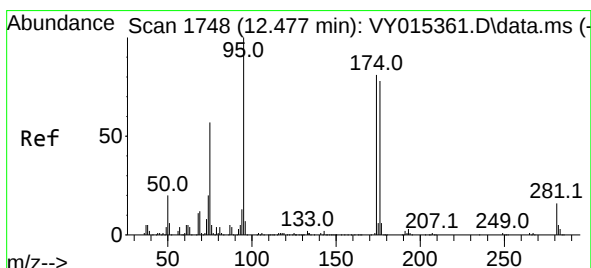
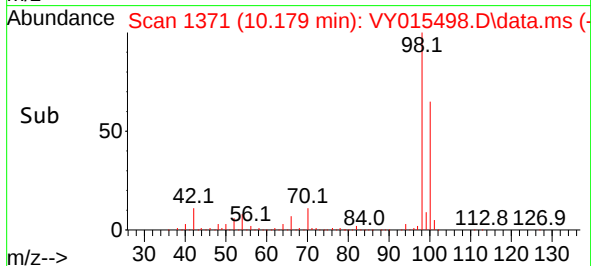
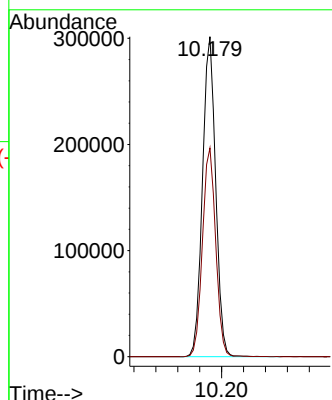
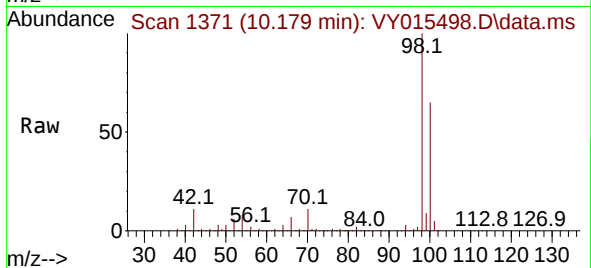




#50
Toluene-d8
Concen: 54.039 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015498.D
Acq: 11 Sep 2023 19:38

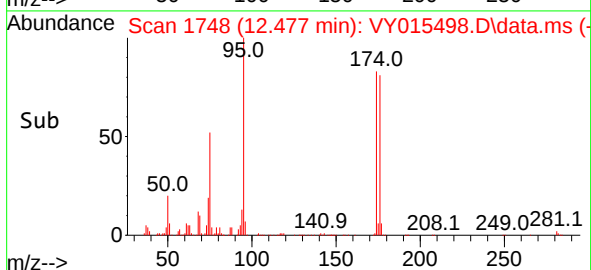
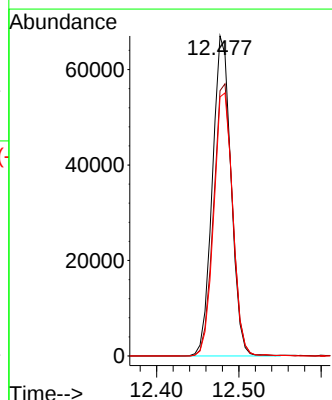
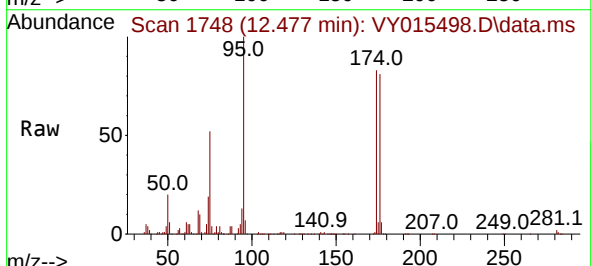
Instrument :
MSVOA_Y
ClientSampleId :
DB-1-(23-24)

Tgt Ion: 98 Resp: 501774
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 30.684 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015498.D
Acq: 11 Sep 2023 19:38

Tgt Ion: 95 Resp: 105770
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.1 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: VY015498.D

Acq: 11 Sep 2023 19:38

Instrument :

MSVOA_Y

ClientSampleId :

DB-1-(23-24)

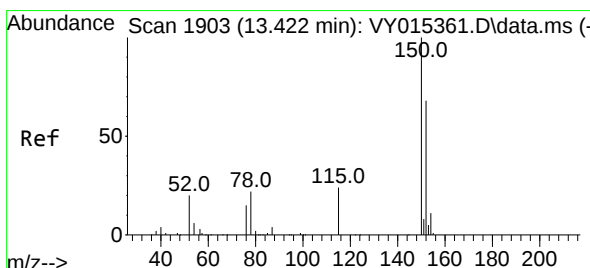
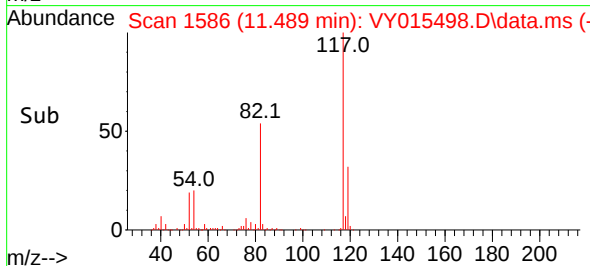
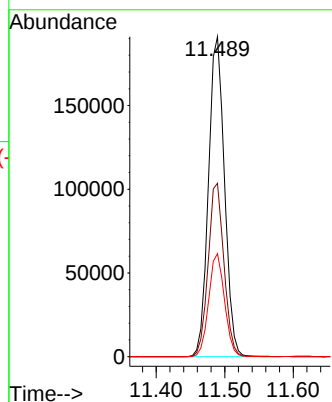
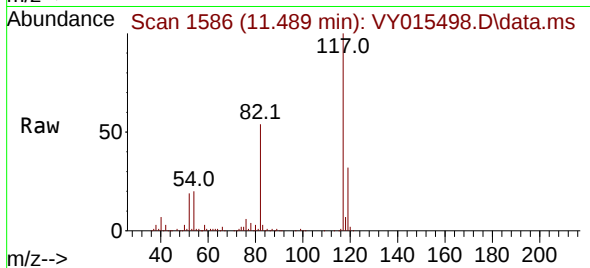
Tgt Ion:117 Resp: 310639

Ion Ratio Lower Upper

117 100

82 54.2 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: VY015498.D

Acq: 11 Sep 2023 19:38

Tgt Ion:152 Resp: 91751

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 157.8 0.0 348.8

