

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015716.D
 Acq On : 26 Sep 2023 18:21
 Operator : SY/MD
 Sample : 04620-09
 Misc : 4.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STONE-IN

Quant Time: Sep 27 01:35:47 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	138086	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	232757	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	215486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100592	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	89674	59.022	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.040%
35) Dibromofluoromethane	7.728	113	75165	53.954	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.900%
50) Toluene-d8	10.185	98	275507	58.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.660%
62) 4-Bromofluorobenzene	12.489	95	96287	51.943	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.880%

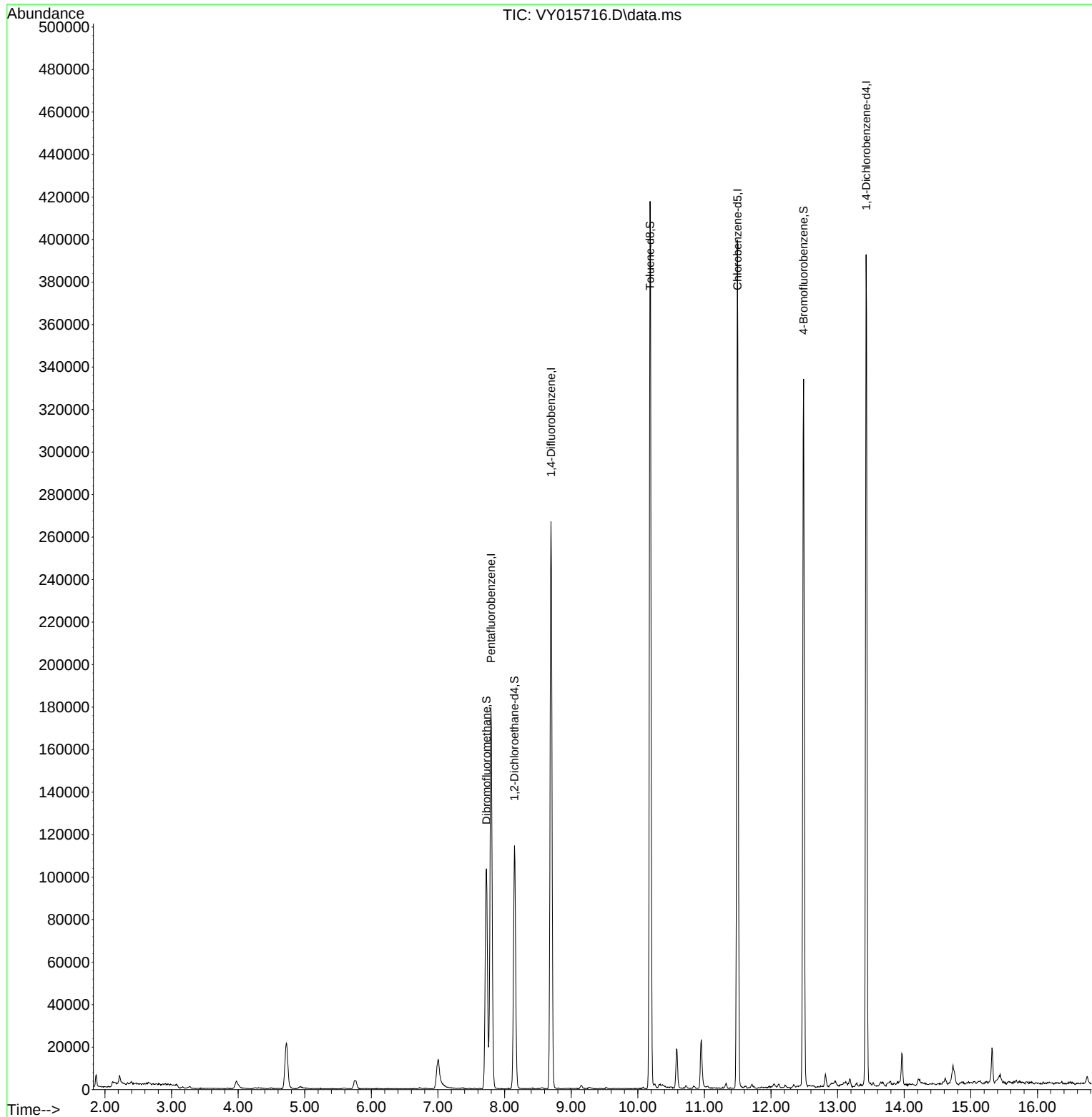
Target Compounds	Qvalue

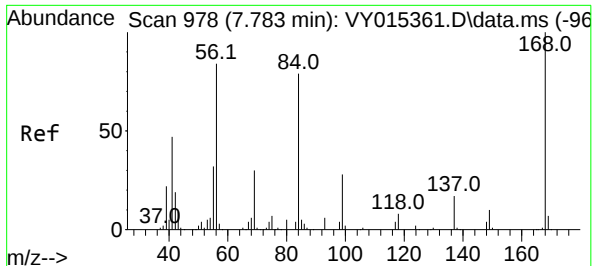
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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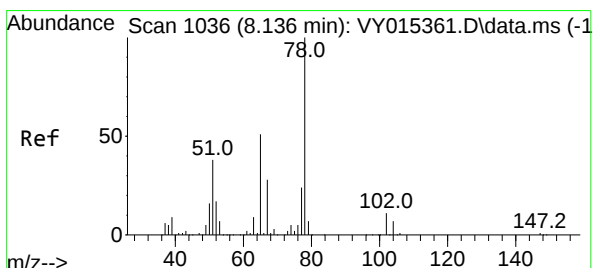
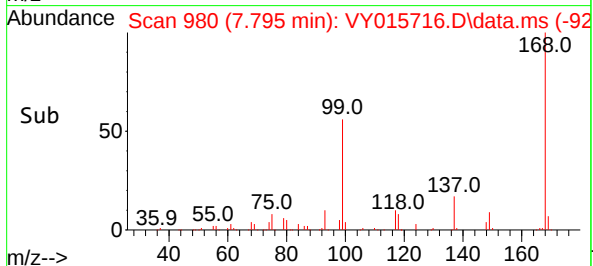
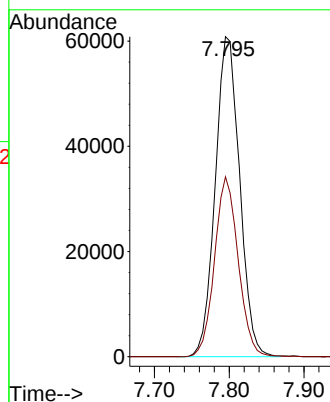
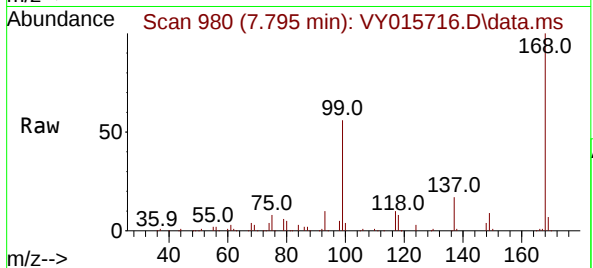




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015716.D
Acq: 26 Sep 2023 18:21

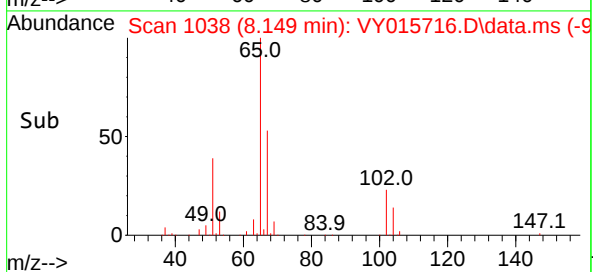
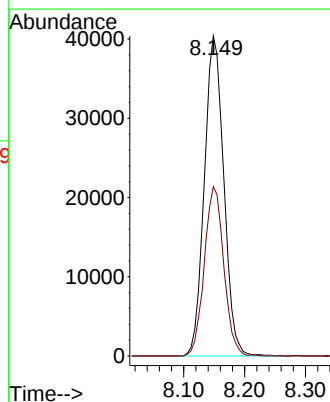
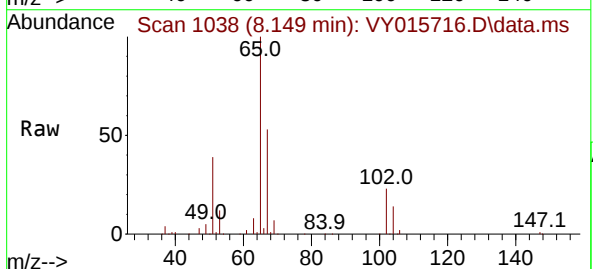
Instrument :
MSVOA_Y
ClientSampleId :
STONE-IN

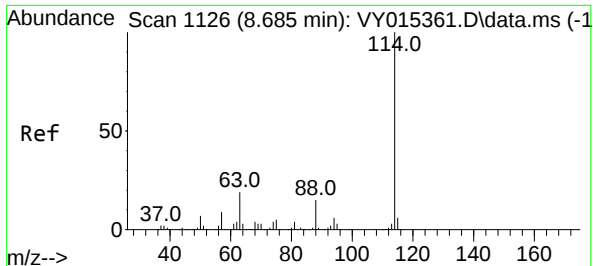
Tgt Ion:168 Resp: 138086
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.022 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015716.D
Acq: 26 Sep 2023 18:21

Tgt Ion: 65 Resp: 89674
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015716.D

Acq: 26 Sep 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

STONE-IN

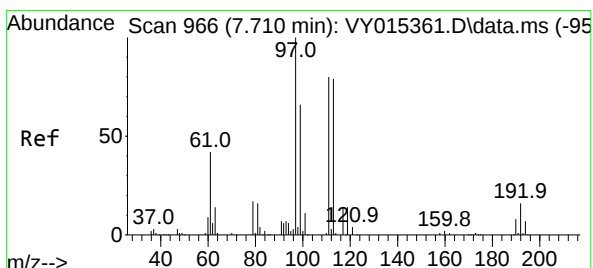
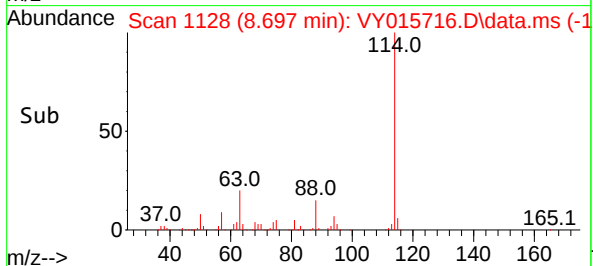
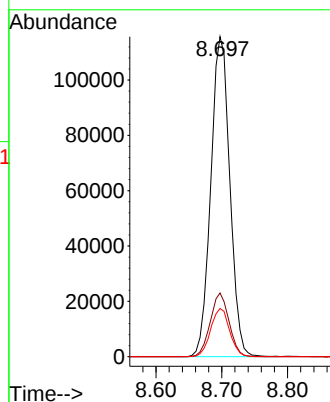
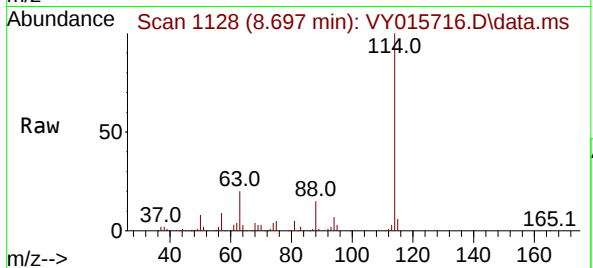
Tgt Ion:114 Resp: 232757

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.954 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015716.D

Acq: 26 Sep 2023 18:21

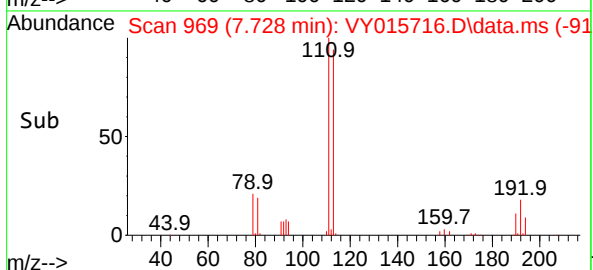
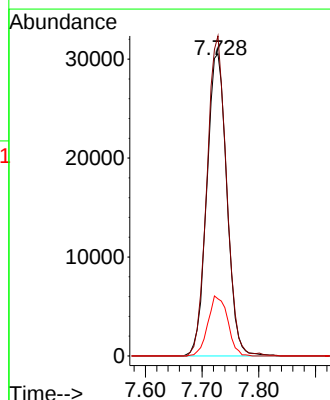
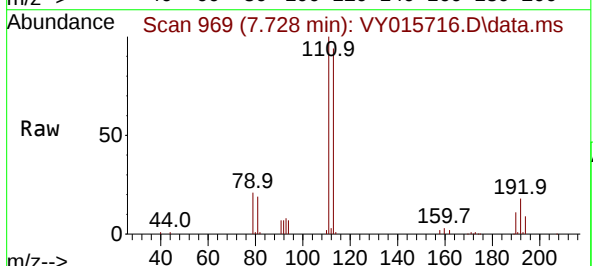
Tgt Ion:113 Resp: 75165

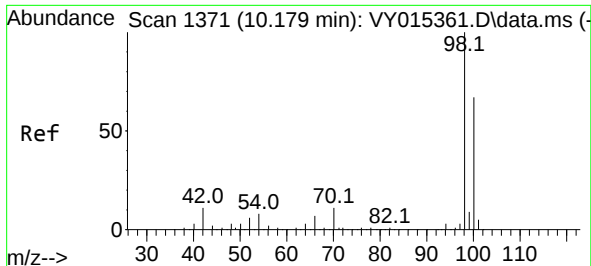
Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 19.5 16.9 25.3

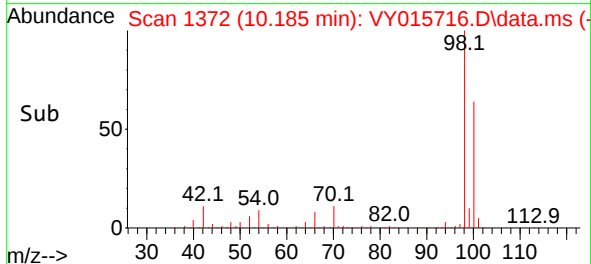
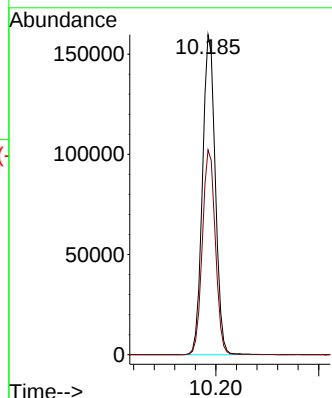
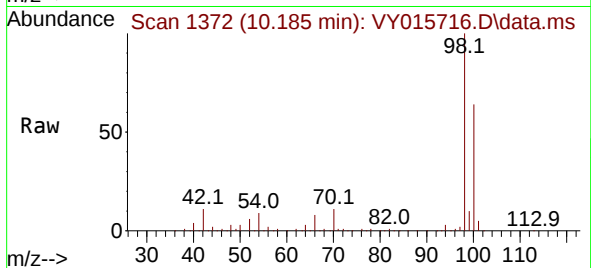




#50
Toluene-d8
Concen: 58.326 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015716.D
Acq: 26 Sep 2023 18:21

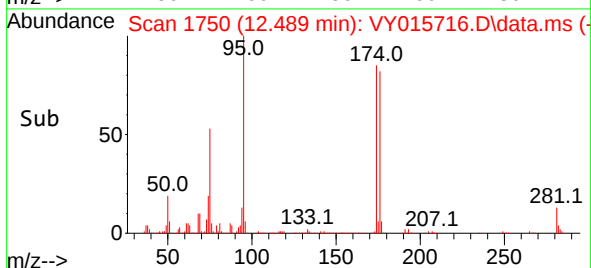
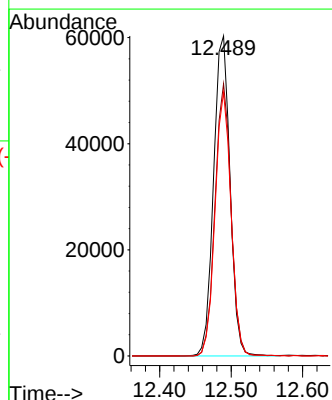
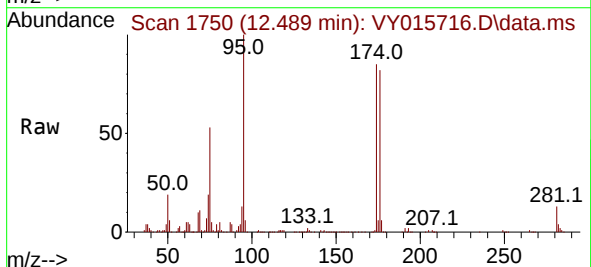
Instrument :
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Tgt Ion: 98 Resp: 275507
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.943 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015716.D
Acq: 26 Sep 2023 18:21

Tgt Ion: 95 Resp: 96287
Ion Ratio Lower Upper
95 100
174 83.1 0.0 178.2
176 80.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015716.D

Acq: 26 Sep 2023 18:21

Instrument :

MSVOA_Y

ClientSampleId :

STONE-IN

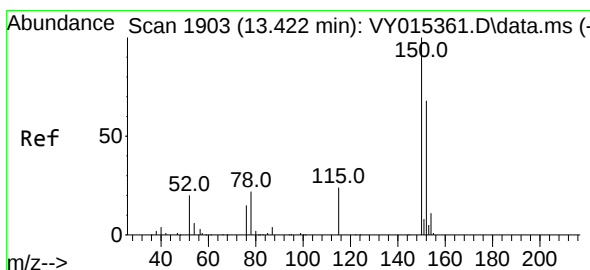
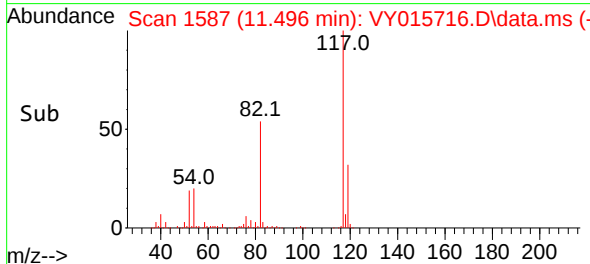
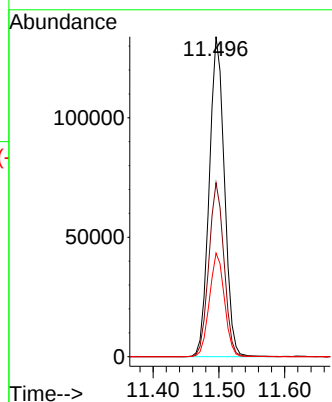
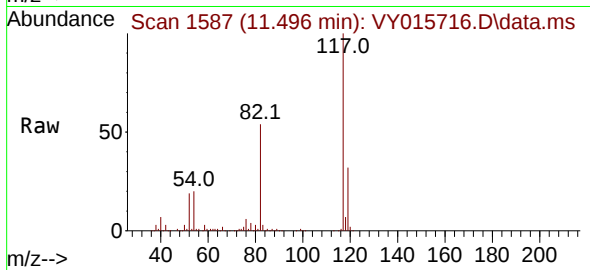
Tgt Ion:117 Resp: 215486

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 32.3 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: VY015716.D

Acq: 26 Sep 2023 18:21

Tgt Ion:152 Resp: 100592

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 155.1 0.0 348.8

