

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011862.D
 Acq On : 15 Dec 2022 11:19
 Operator : KP/MD
 Sample : VY1215SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1215SBL01

Quant Time: Dec 16 00:12:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	191004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	311426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	271286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123337	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66999	51.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.100%
35) Dibromofluoromethane	7.722	113	69799	50.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.960%
50) Toluene-d8	10.185	98	205329	44.537	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.080%
62) 4-Bromofluorobenzene	12.483	95	80073	43.779	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.560%

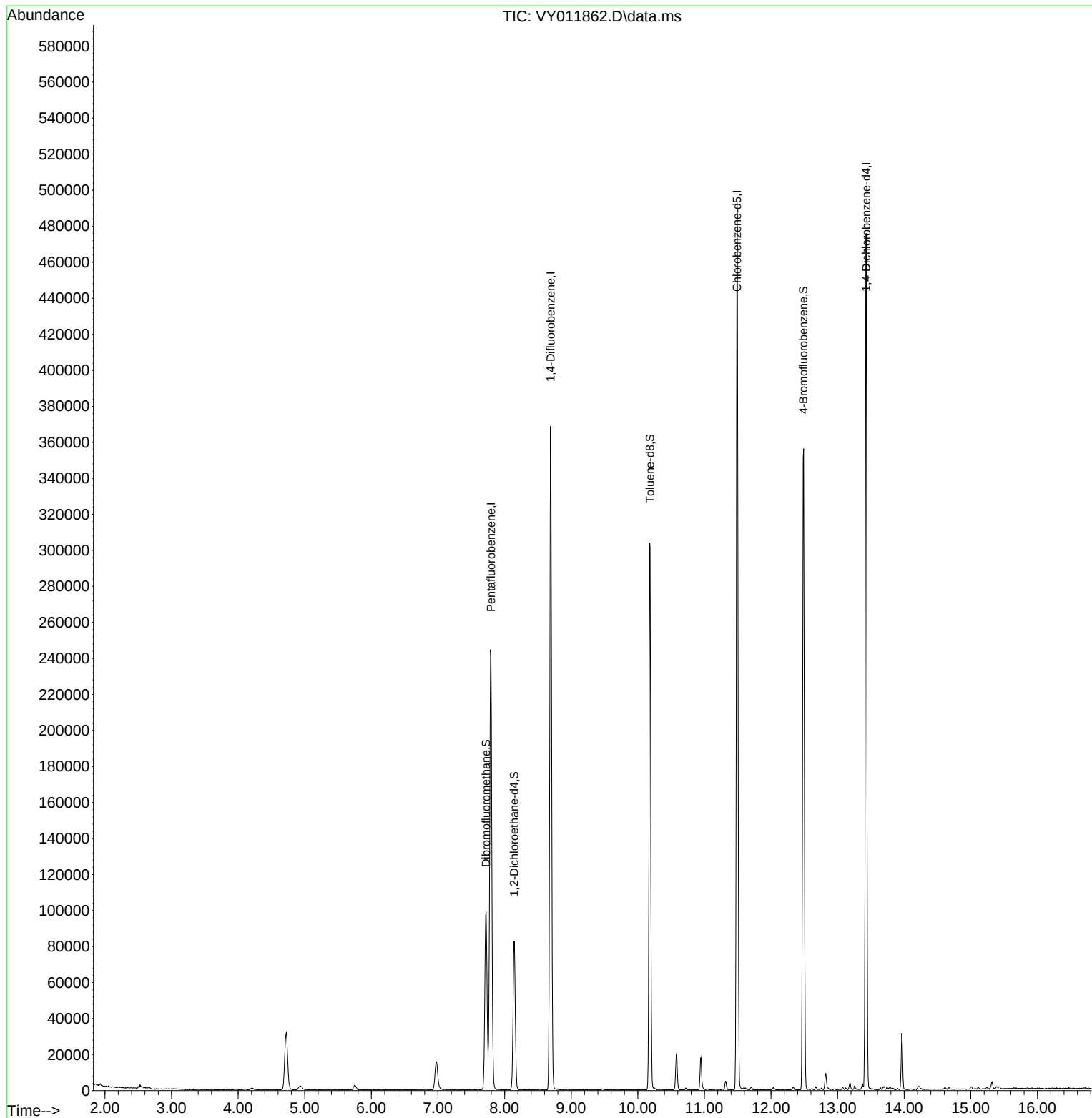
Target Compounds	Qvalue

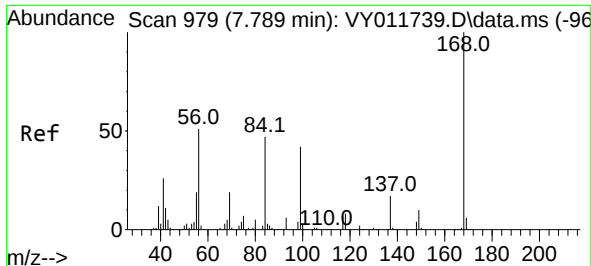
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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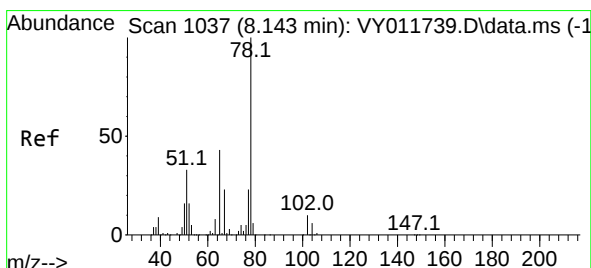
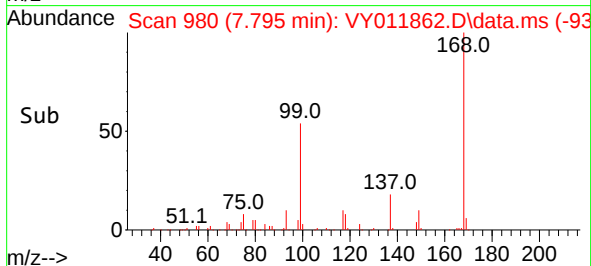
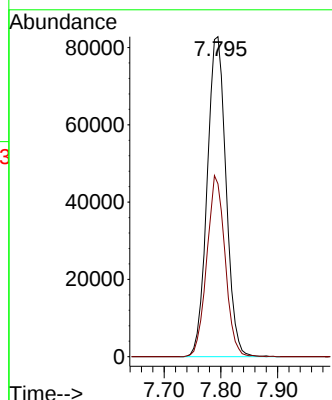
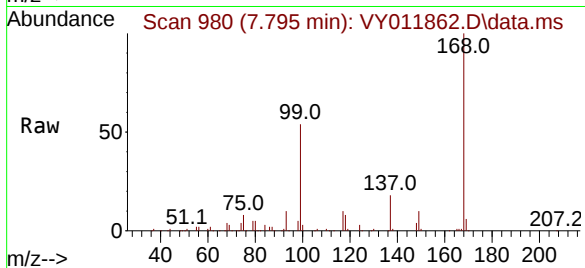




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

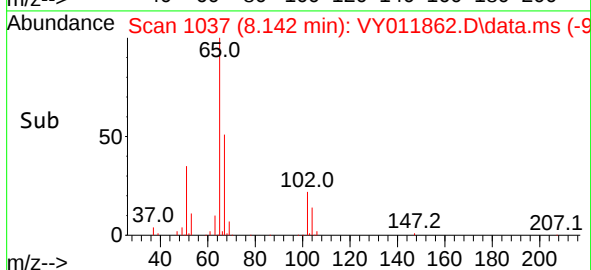
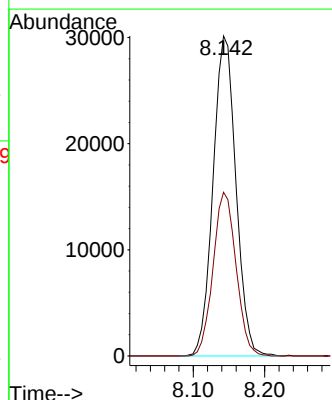
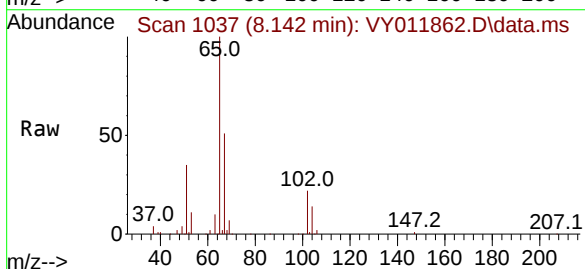
Instrument :
MSVOA_Y
ClientSampleId :
VY1215SBL01

Tgt Ion:168 Resp: 191004
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 51.553 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

Tgt Ion: 65 Resp: 66999
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY011862.D

Acq: 15 Dec 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBL01

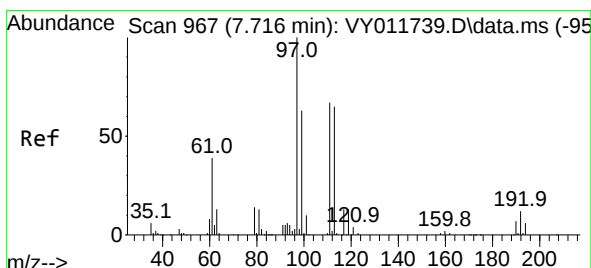
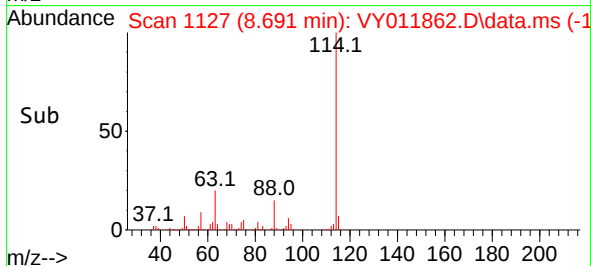
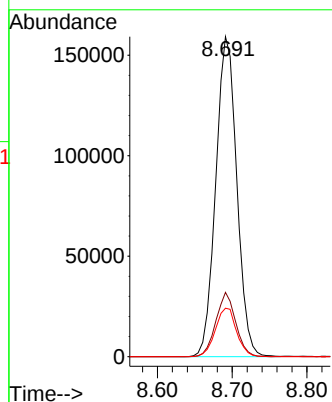
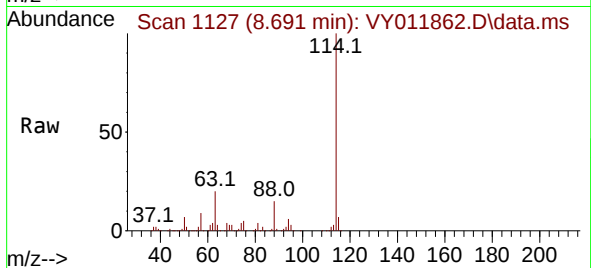
Tgt Ion:114 Resp: 311426

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.483 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011862.D

Acq: 15 Dec 2022 11:19

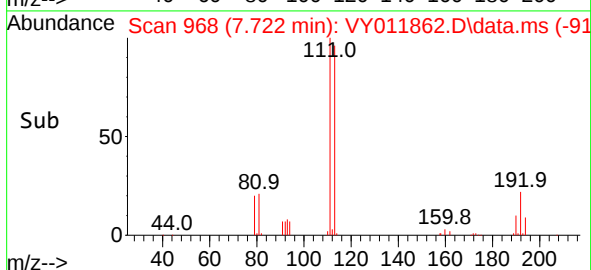
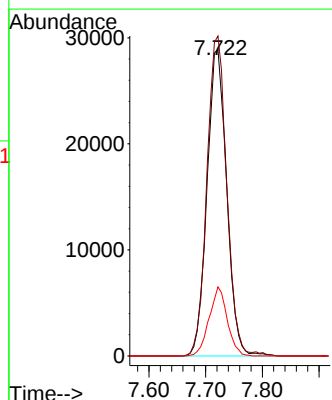
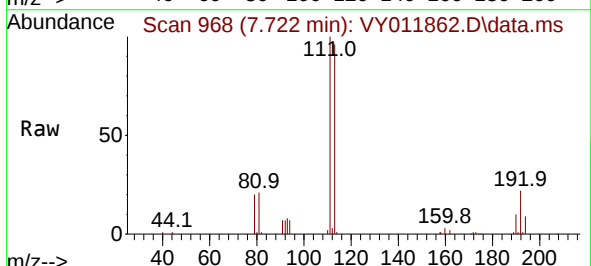
Tgt Ion:113 Resp: 69799

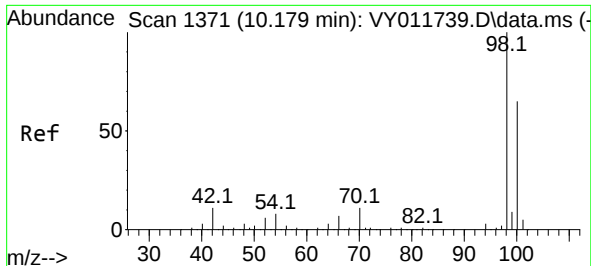
Ion Ratio Lower Upper

113 100

111 105.0 83.0 124.4

192 20.7 16.0 24.0

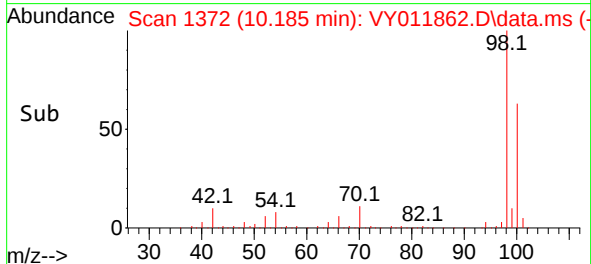
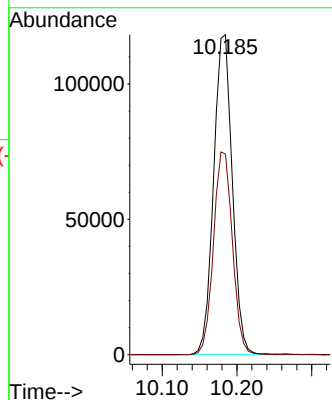
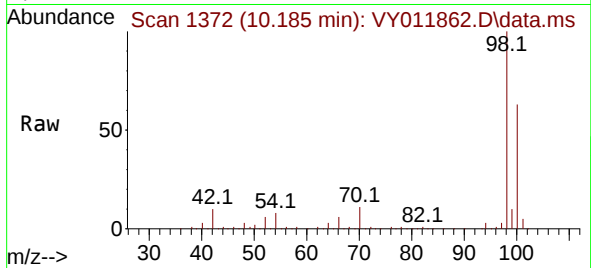




#50
Toluene-d8
Concen: 44.537 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

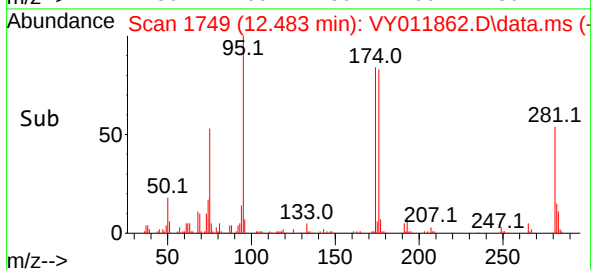
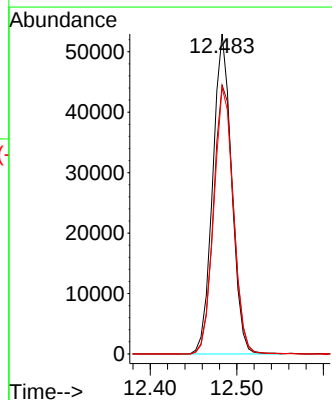
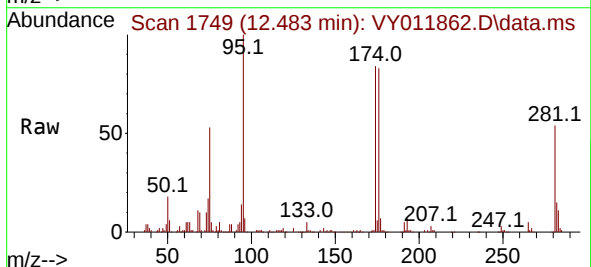
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MSVOA_Y
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VY1215SBL01

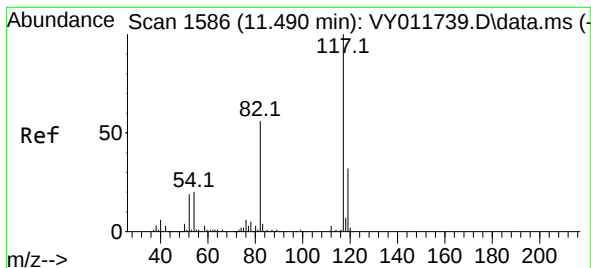
Tgt Ion: 98 Resp: 205329
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011862.D
Acq: 15 Dec 2022 11:19

Tgt Ion: 95 Resp: 80073
Ion Ratio Lower Upper
95 100
174 88.8 0.0 172.0
176 86.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011862.D

Acq: 15 Dec 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY1215SBL01

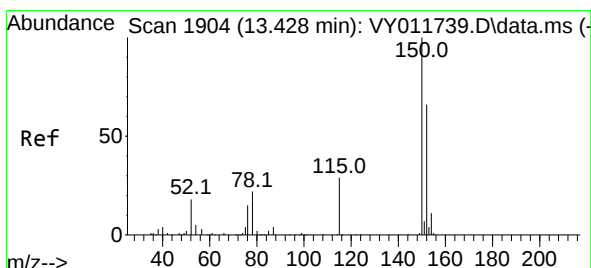
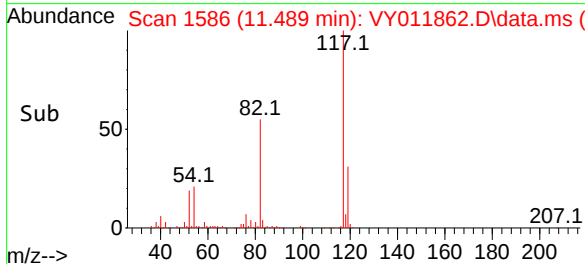
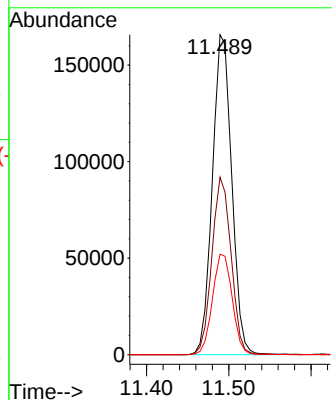
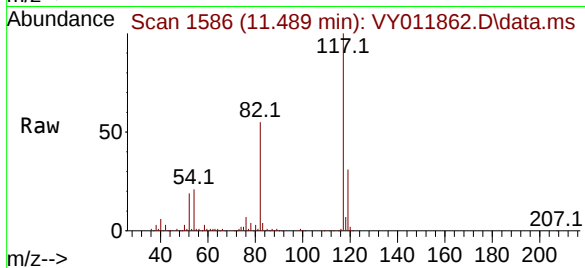
Tgt Ion:117 Resp: 271286

Ion Ratio Lower Upper

117 100

82 55.5 44.8 67.2

119 31.4 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011862.D

Acq: 15 Dec 2022 11:19

Tgt Ion:152 Resp: 123337

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.3

150 157.2 0.0 342.6

