

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011747.D
 Acq On : 09 Dec 2022 16:53
 Operator : KP/MD
 Sample : N5803-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PEQ-STOCK

Quant Time: Dec 10 03:55:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	162401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	292683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125252	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109972	104.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	208.900%#
35) Dibromofluoromethane	7.716	113	96277	76.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	152.140%#
50) Toluene-d8	10.179	98	351563	87.430	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	174.860%#
62) 4-Bromofluorobenzene	12.483	95	116263	70.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	140.760%

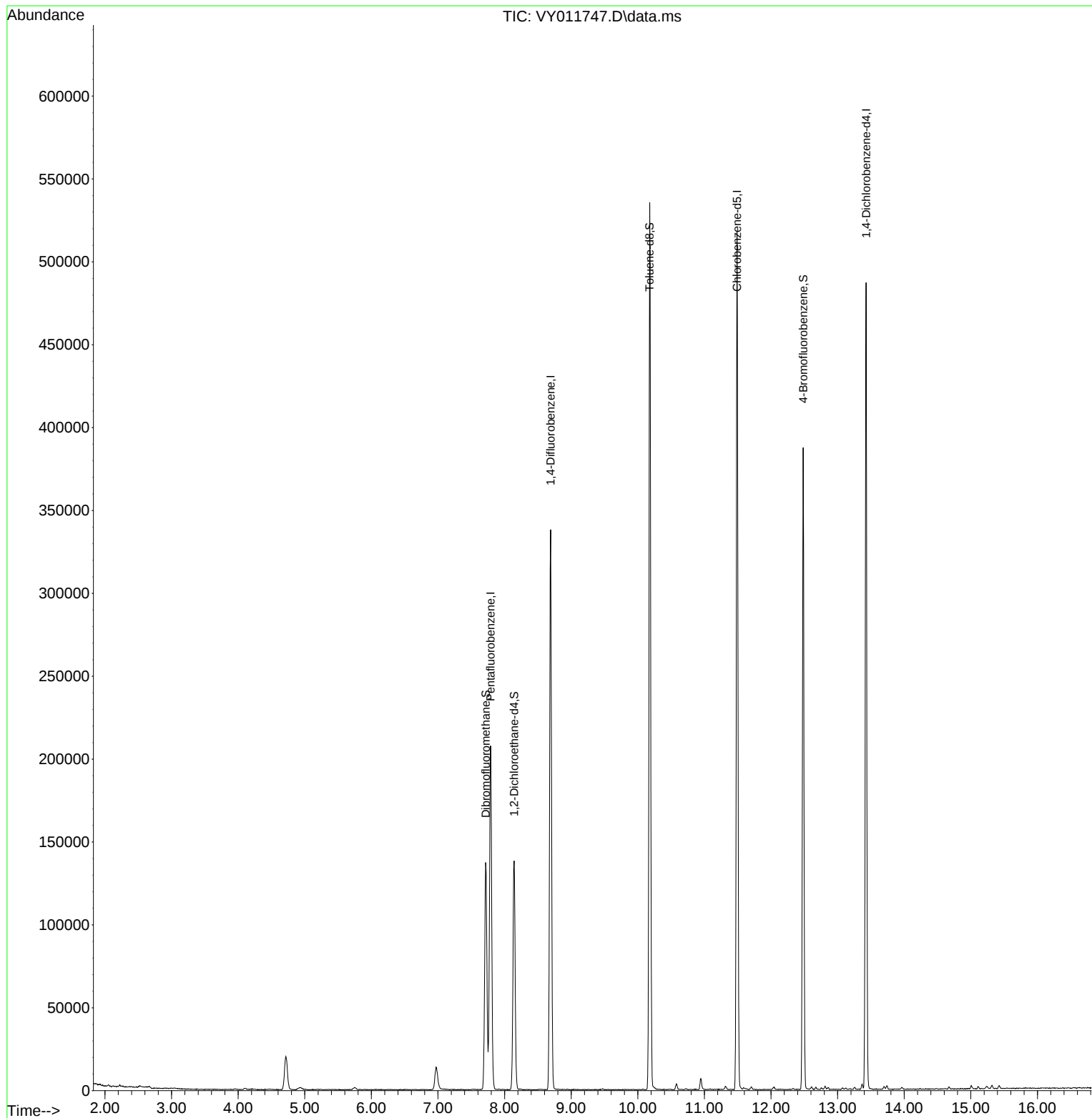
Target Compounds	Qvalue

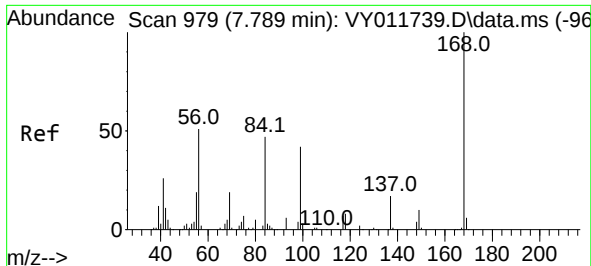
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
Data File : VY011747.D
Acq On : 09 Dec 2022 16:53
Operator : KP/MD
Sample : N5803-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

Quant Time: Dec 10 03:55:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 03:30:20 2022
Response via : Initial Calibration

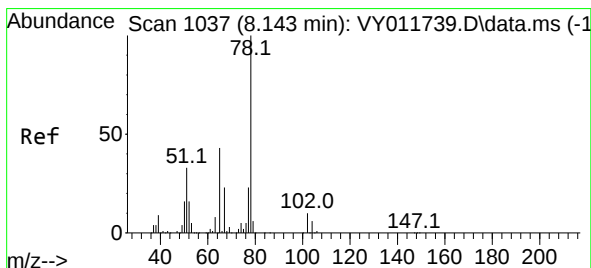
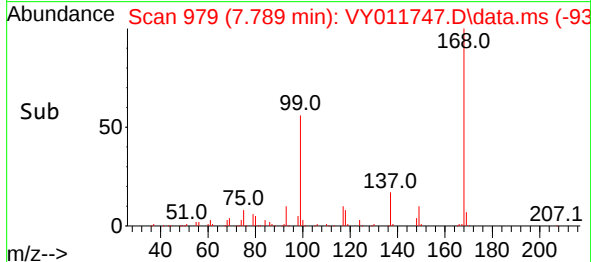
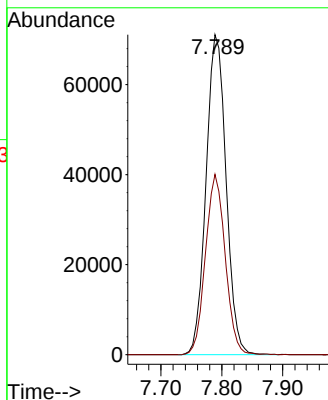
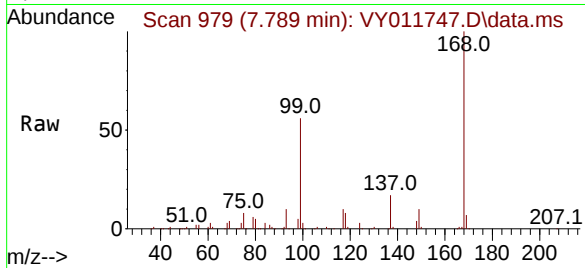




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011747.D
Acq: 09 Dec 2022 16:53

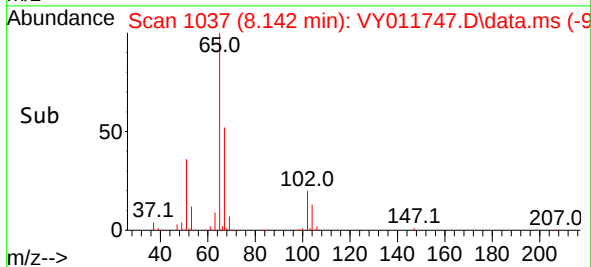
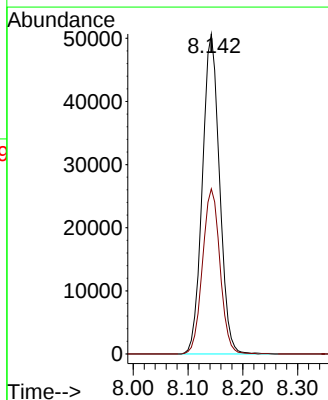
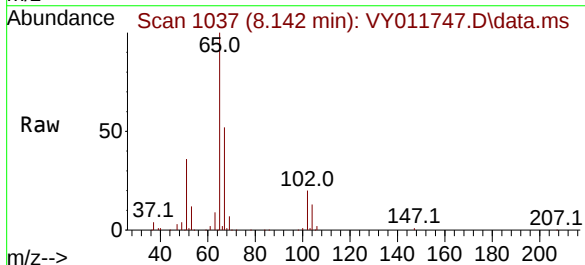
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

Tgt Ion:168 Resp: 162401
Ion Ratio Lower Upper
168 100
99 56.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 104.455 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011747.D
Acq: 09 Dec 2022 16:53

Tgt Ion: 65 Resp: 109972
Ion Ratio Lower Upper
65 100
67 52.4 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: VY011747.D

Acq: 09 Dec 2022 16:53

Instrument :

MSVOA_Y

ClientSampleId :

PEQ-STOCK

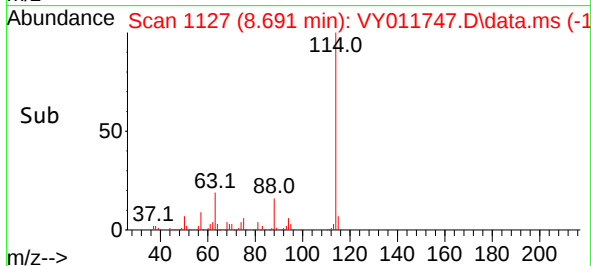
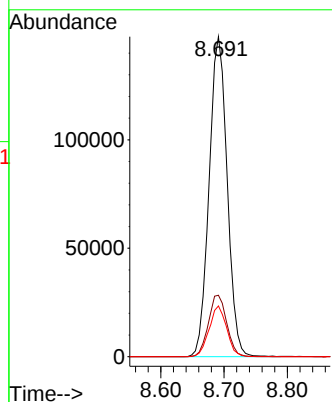
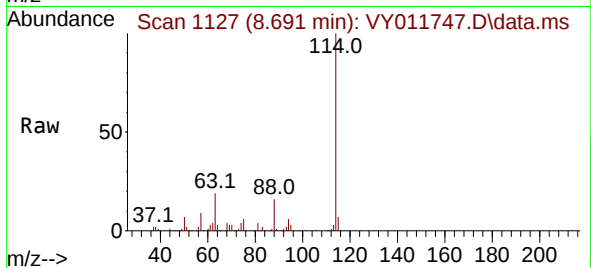
Tgt Ion:114 Resp: 292683

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 76.065 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011747.D

Acq: 09 Dec 2022 16:53

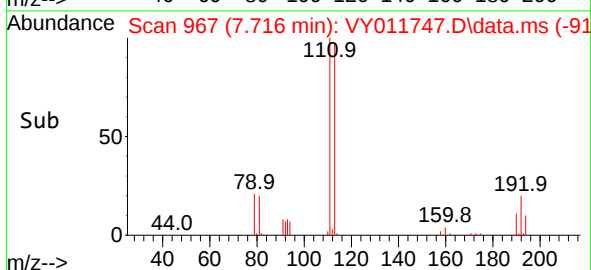
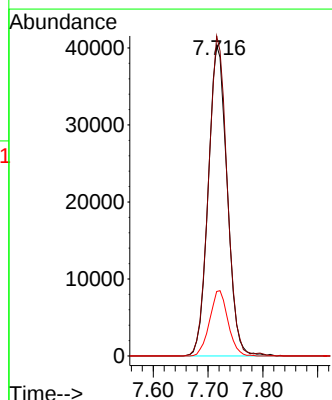
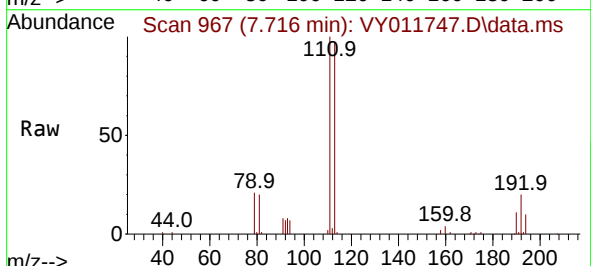
Tgt Ion:113 Resp: 96277

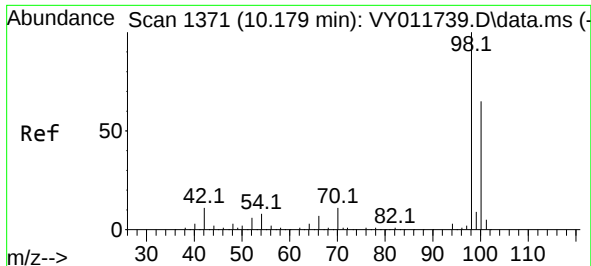
Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.4

192 20.5 16.0 24.0

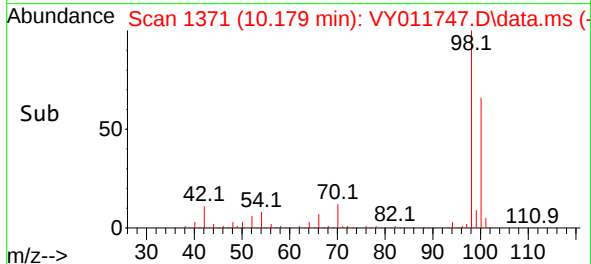
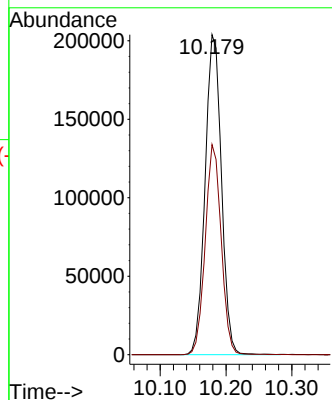
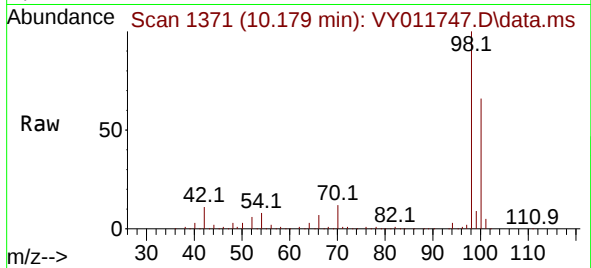




#50
Toluene-d8
Concen: 87.430 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011747.D
Acq: 09 Dec 2022 16:53

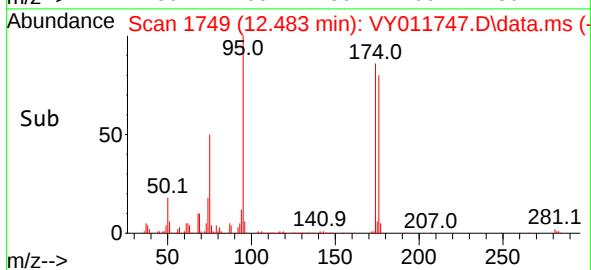
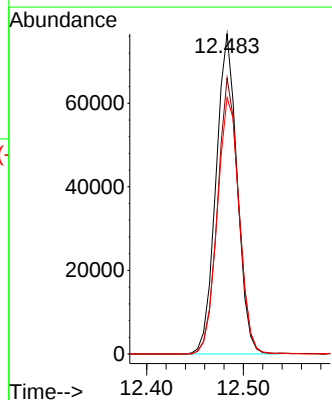
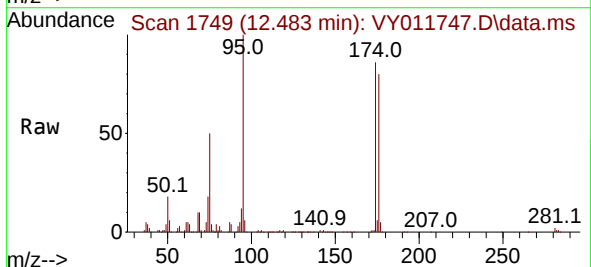
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

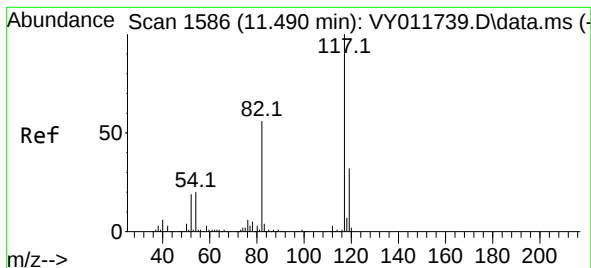
Tgt Ion: 98 Resp: 351563
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 70.376 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011747.D
Acq: 09 Dec 2022 16:53

Tgt Ion: 95 Resp: 116263
Ion Ratio Lower Upper
95 100
174 86.2 0.0 172.0
176 83.2 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: VY011747.D

Acq: 09 Dec 2022 16:53

Instrument :

MSVOA_Y

ClientSampleId :

PEQ-STOCK

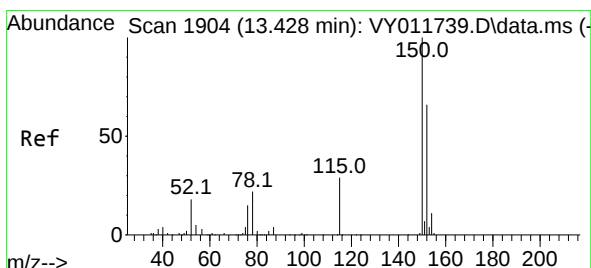
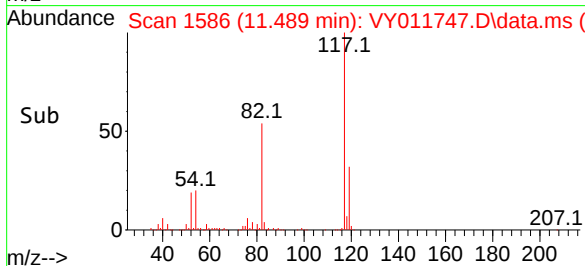
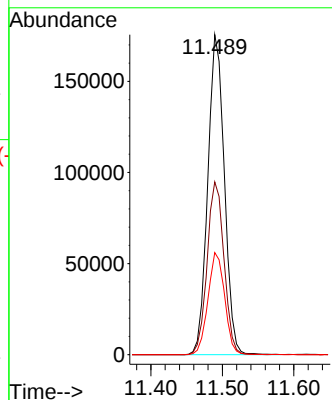
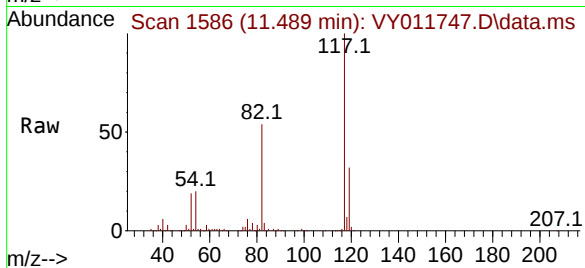
Tgt Ion:117 Resp: 283087

Ion Ratio Lower Upper

117 100

82 54.0 44.8 67.2

119 31.9 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: VY011747.D

Acq: 09 Dec 2022 16:53

Tgt Ion:152 Resp: 125252

Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

150 156.5 0.0 342.6

