

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011607.D
 Acq On : 28 Nov 2022 18:16
 Operator : KP/MD
 Sample : N5787-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PEQ-STOCK

Quant Time: Nov 29 00:26:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	13630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	23628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	23202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8686	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12056	87.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.220%#
35) Dibromofluoromethane	7.716	113	9131	62.777	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.560%
50) Toluene-d8	10.179	98	28409	53.748	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.500%
62) 4-Bromofluorobenzene	12.483	95	8619	44.104	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.200%

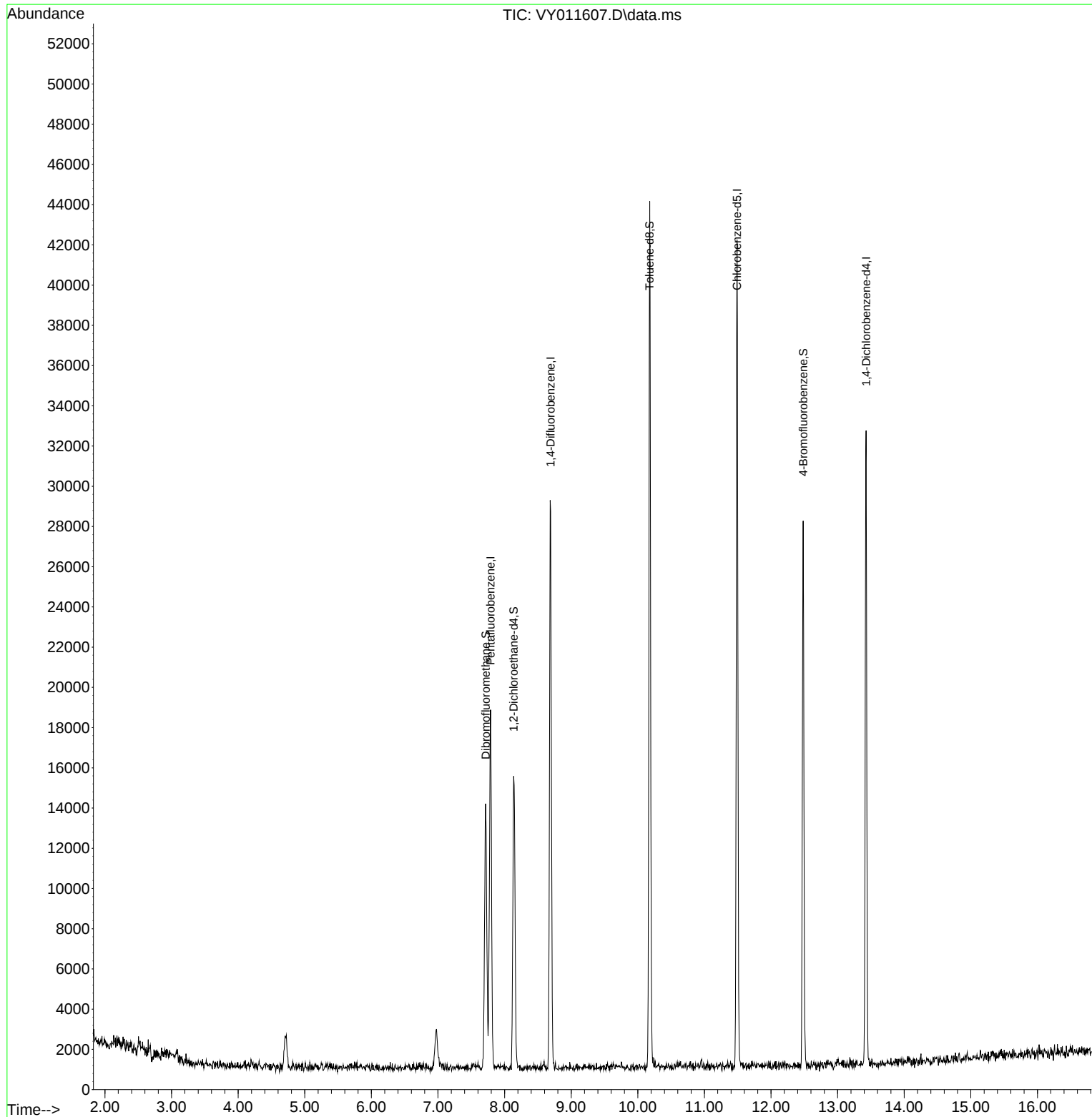
Target Compounds	Qvalue

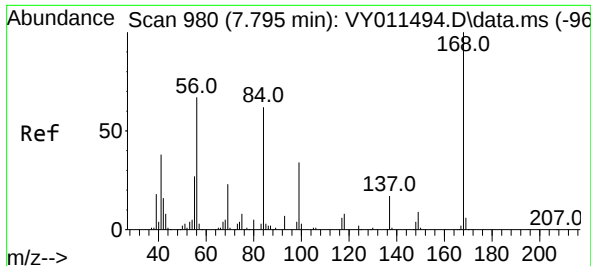
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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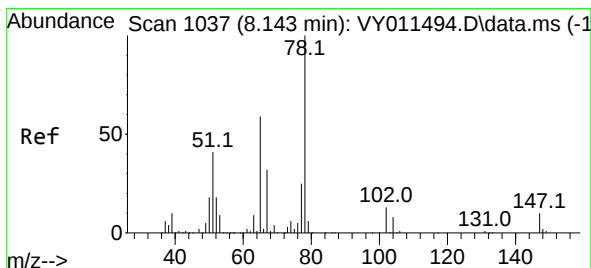
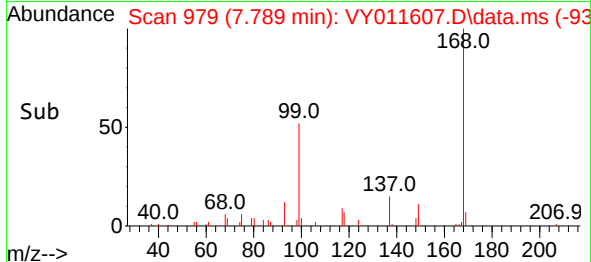
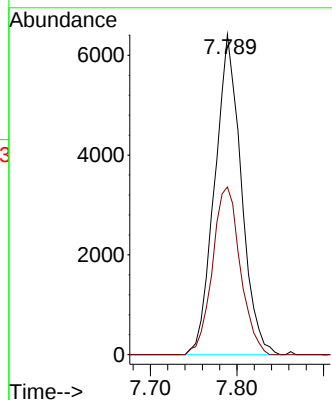
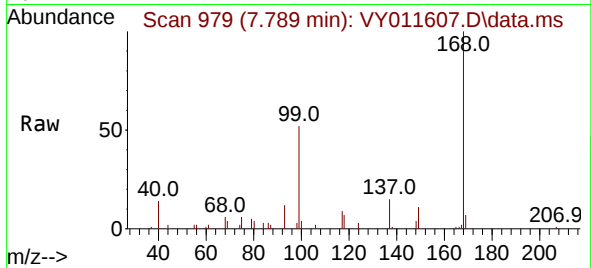




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

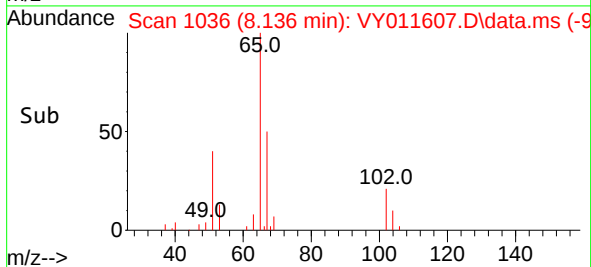
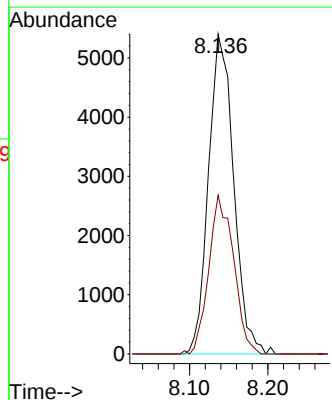
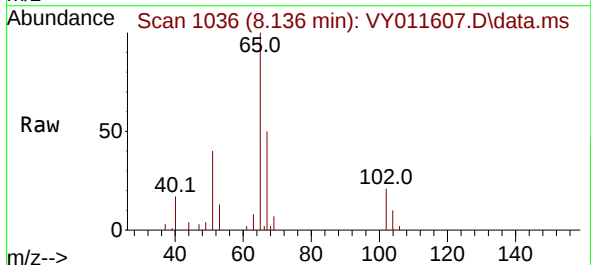
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

Tgt Ion:168 Resp: 13630
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 87.111 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

Tgt Ion: 65 Resp: 12056
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011607.D

Acq: 28 Nov 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

PEQ-STOCK

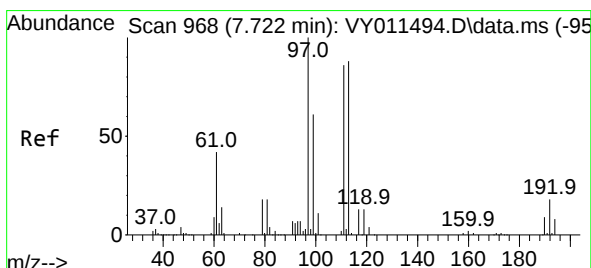
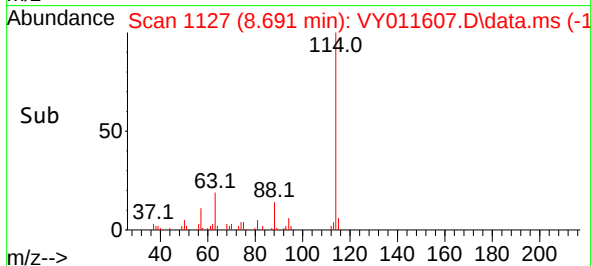
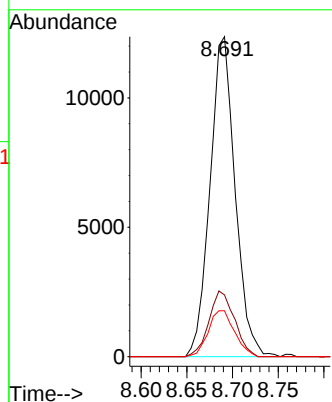
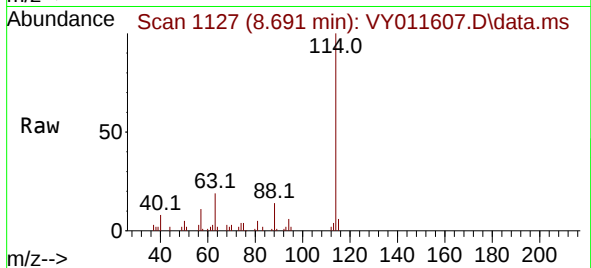
Tgt Ion:114 Resp: 23628

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 62.777 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011607.D

Acq: 28 Nov 2022 18:16

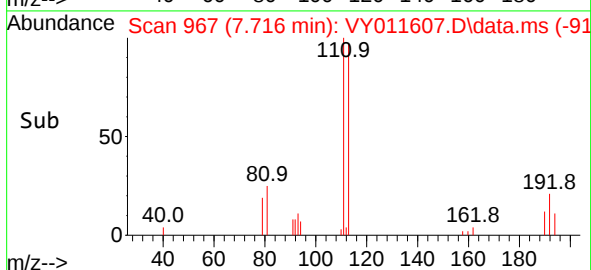
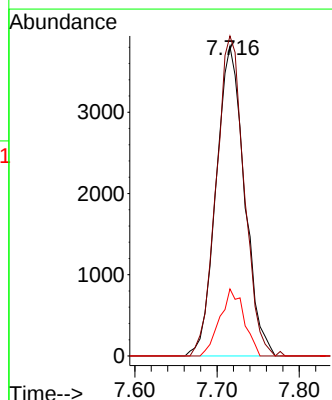
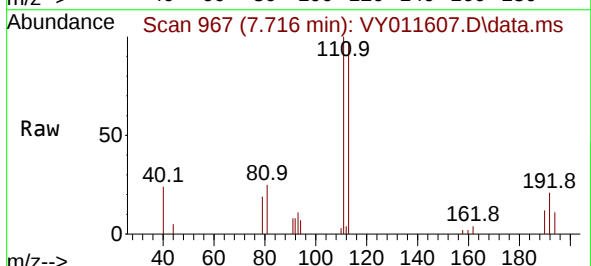
Tgt Ion:113 Resp: 9131

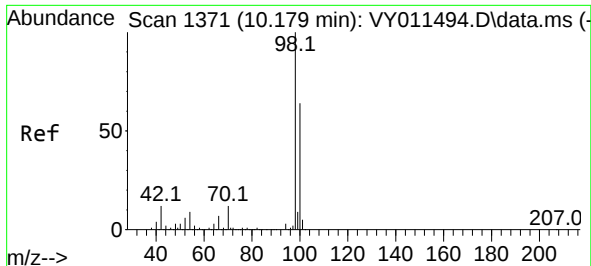
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 18.5 17.6 26.4

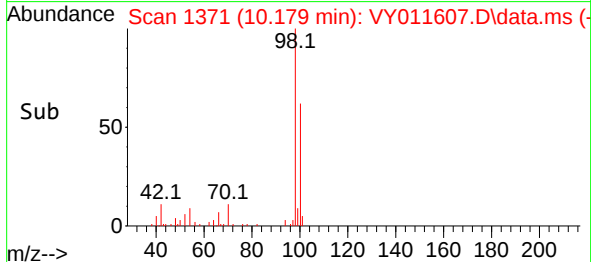
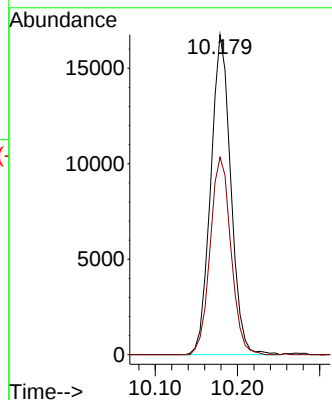
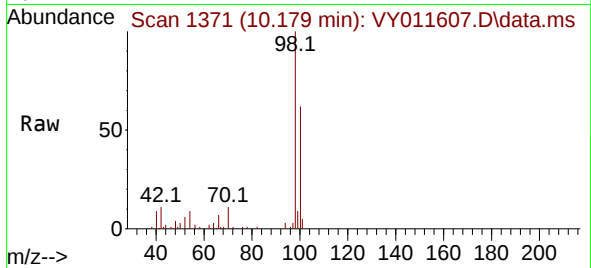




#50
Toluene-d8
Concen: 53.748 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

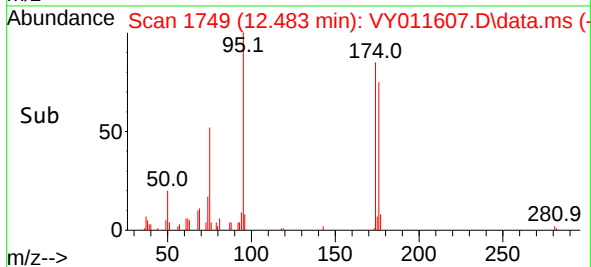
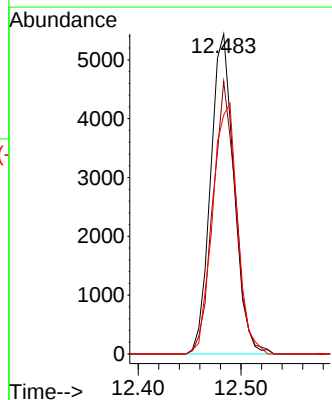
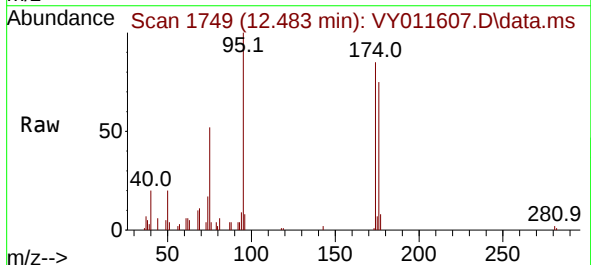
Instrument :
MSVOA_Y
ClientSampleId :
PEQ-STOCK

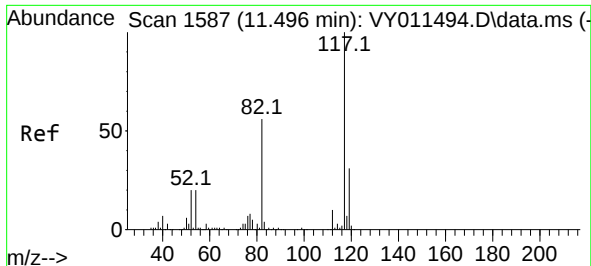
Tgt Ion: 98 Resp: 28409
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.104 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011607.D
Acq: 28 Nov 2022 18:16

Tgt Ion: 95 Resp: 8619
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 83.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY011607.D

Acq: 28 Nov 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

PEQ-STOCK

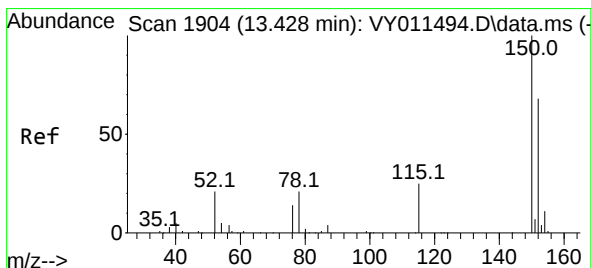
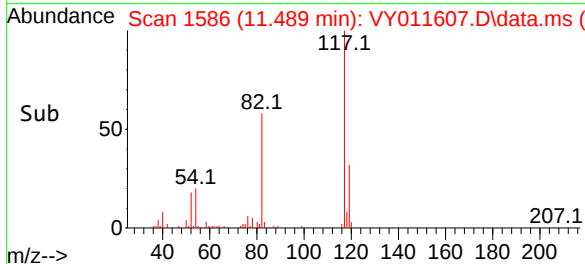
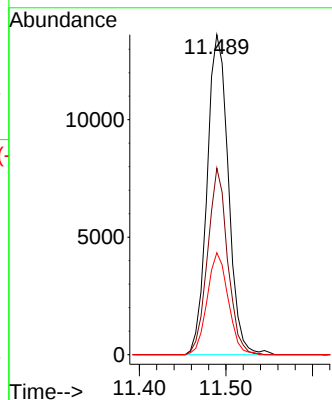
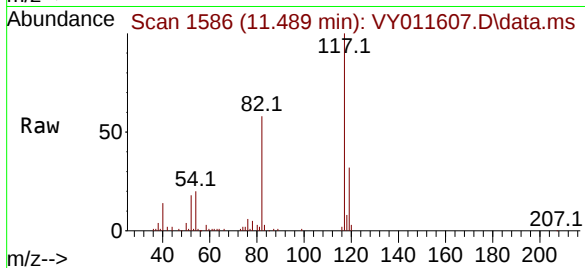
Tgt Ion:117 Resp: 23202

Ion Ratio Lower Upper

117 100

82 58.3 43.0 64.4

119 31.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011607.D

Acq: 28 Nov 2022 18:16

Tgt Ion:152 Resp: 8686

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 153.3 0.0 347.6

