

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011506.D
 Acq On : 18 Nov 2022 17:00
 Operator : KP/MD
 Sample : N5641-19
 Misc : 6.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-19

Quant Time: Nov 19 22:41:43 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	7.795	168	188425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	363313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150566	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	139253	72.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.560%
35) Dibromofluoromethane	7.722	113	117751	52.649	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.300%
50) Toluene-d8	10.185	98	438520	53.956	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.920%
62) 4-Bromofluorobenzene	12.483	95	140999	46.923	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.840%

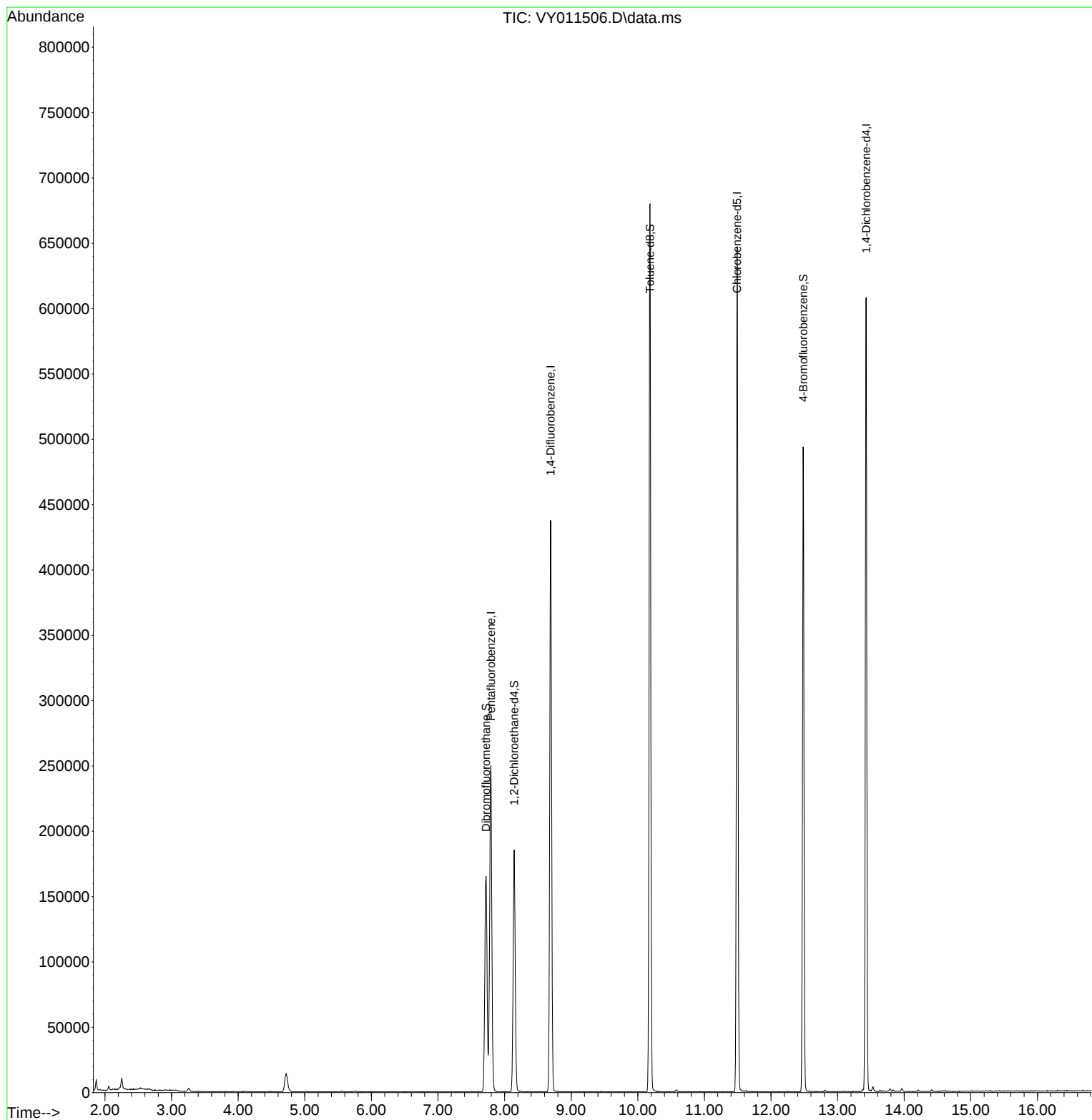
Target Compounds	Qvalue

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

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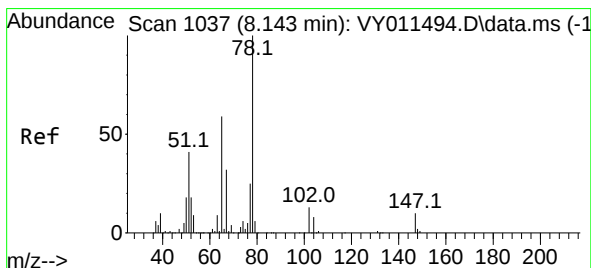
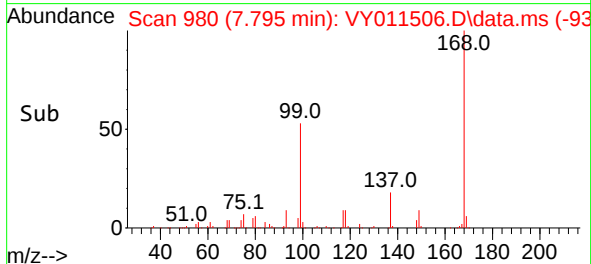
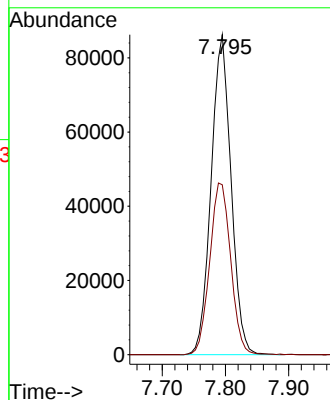
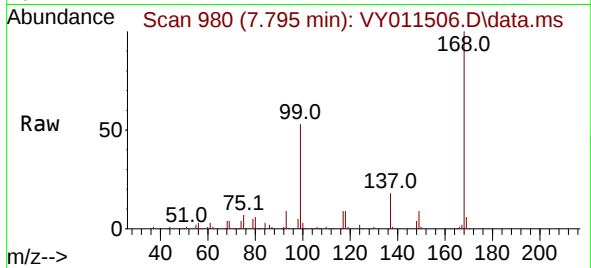




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011506.D
Acq: 18 Nov 2022 17:00

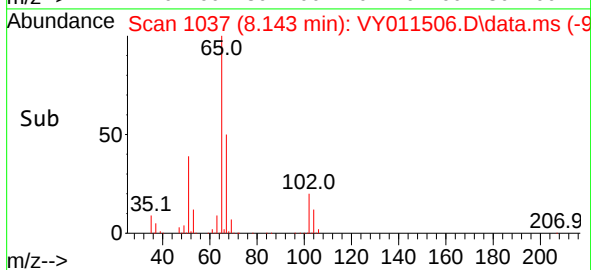
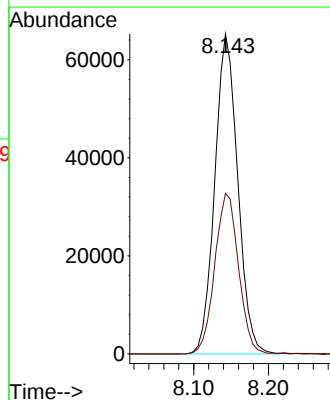
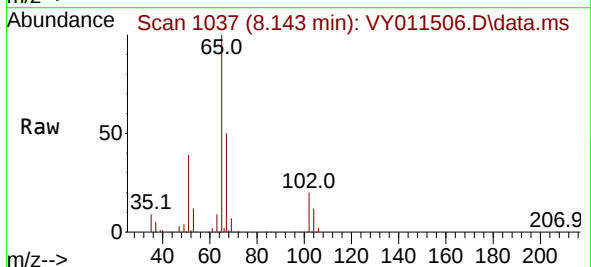
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-19

Tgt Ion:168 Resp: 188425
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 72.783 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011506.D
Acq: 18 Nov 2022 17:00

Tgt Ion: 65 Resp: 139253
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4

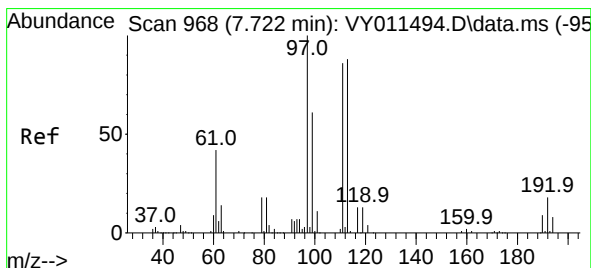
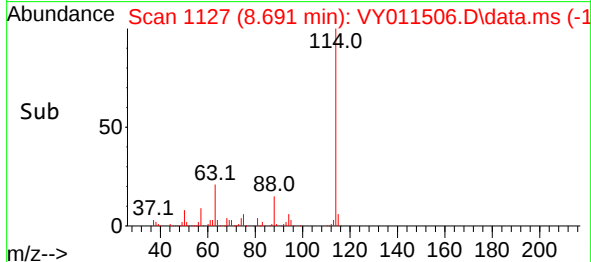
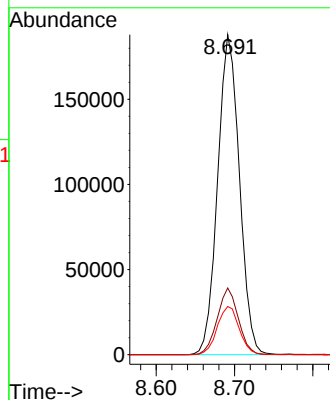
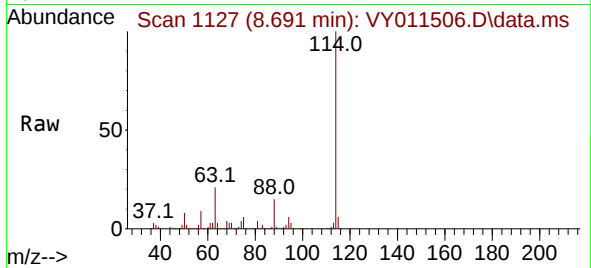




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011506.D
Acq: 18 Nov 2022 17:00

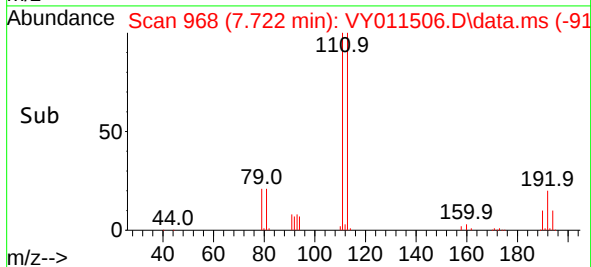
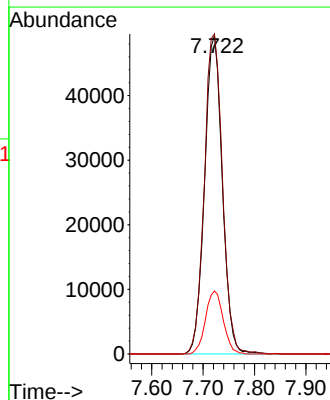
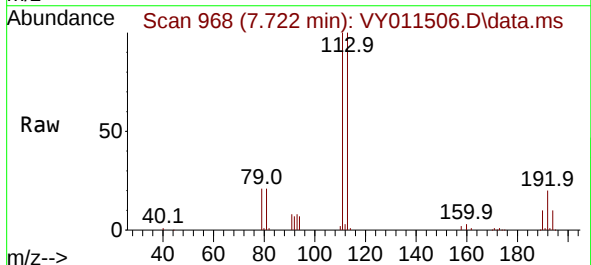
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-19

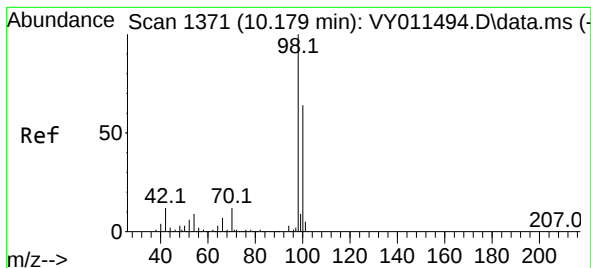
Tgt Ion:114 Resp: 363313
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.649 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY011506.D
Acq: 18 Nov 2022 17:00

Tgt Ion:113 Resp: 117751
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.8 17.6 26.4

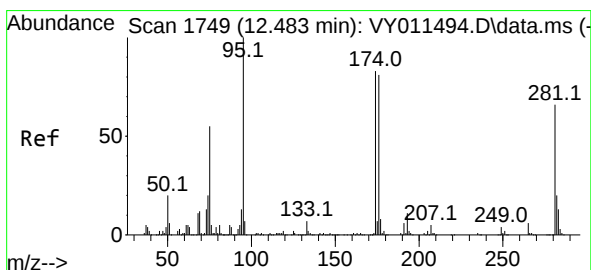
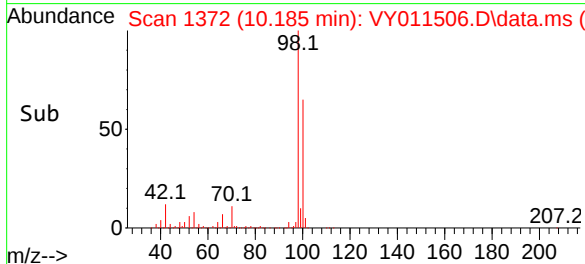
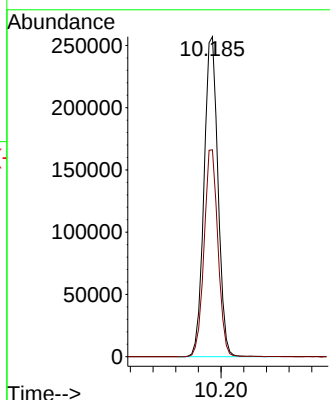
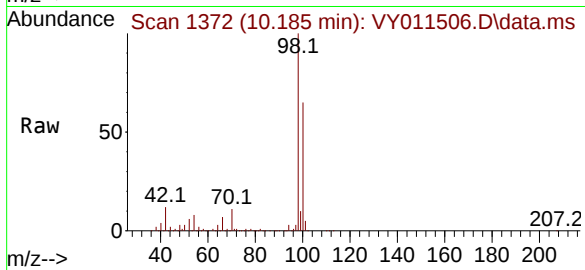




#50
Toluene-d8
Concen: 53.956 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011506.D
Acq: 18 Nov 2022 17:00

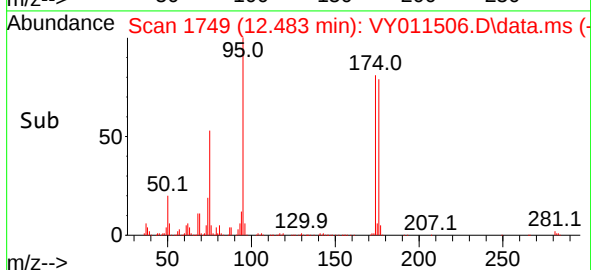
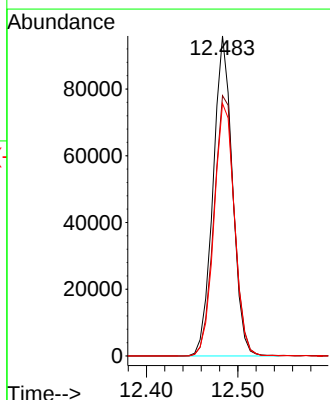
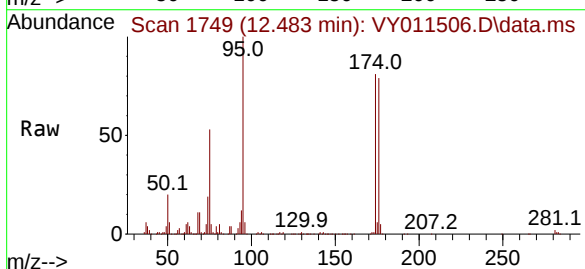
Instrument :
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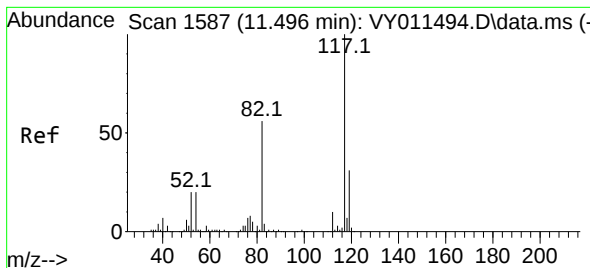
Tgt Ion: 98 Resp: 438520
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.923 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011506.D
Acq: 18 Nov 2022 17:00

Tgt Ion: 95 Resp: 140999
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 83.1 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: VY011506.D

Acq: 18 Nov 2022 17:00

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE-19

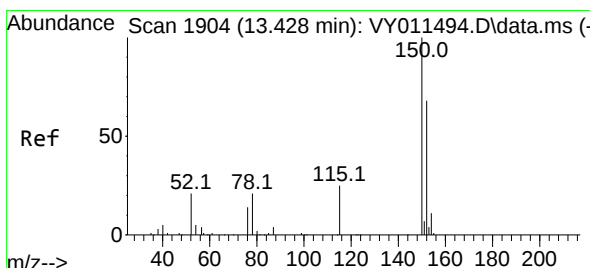
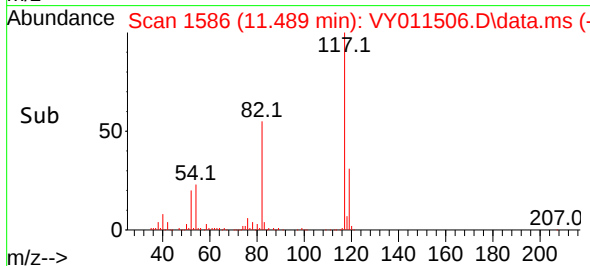
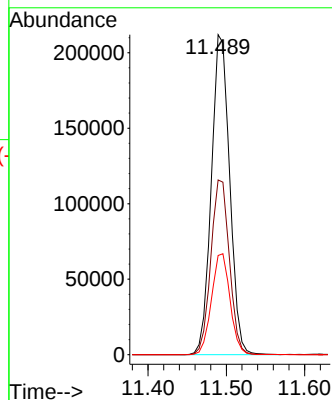
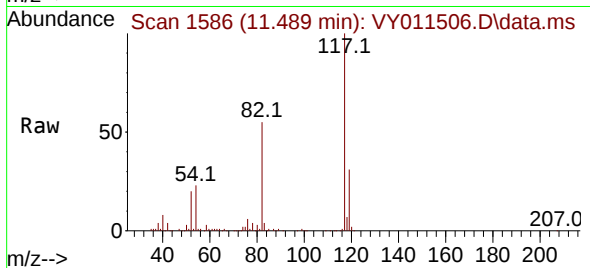
Tgt Ion:117 Resp: 344005

Ion Ratio Lower Upper

117 100

82 54.6 43.0 64.4

119 31.0 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: VY011506.D

Acq: 18 Nov 2022 17:00

Tgt Ion:152 Resp: 150566

Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 159.1 0.0 347.6

