

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011642.D
 Acq On : 30 Nov 2022 15:39
 Operator : KP/MD
 Sample : N5819-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1

Quant Time: Dec 01 05:24:23 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	183804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	341979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	353807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163420	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124762	66.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.700%
35) Dibromofluoromethane	7.716	113	113050	53.700	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.400%
50) Toluene-d8	10.179	98	429248	56.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.220%
62) 4-Bromofluorobenzene	12.483	95	155121	54.843	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.680%

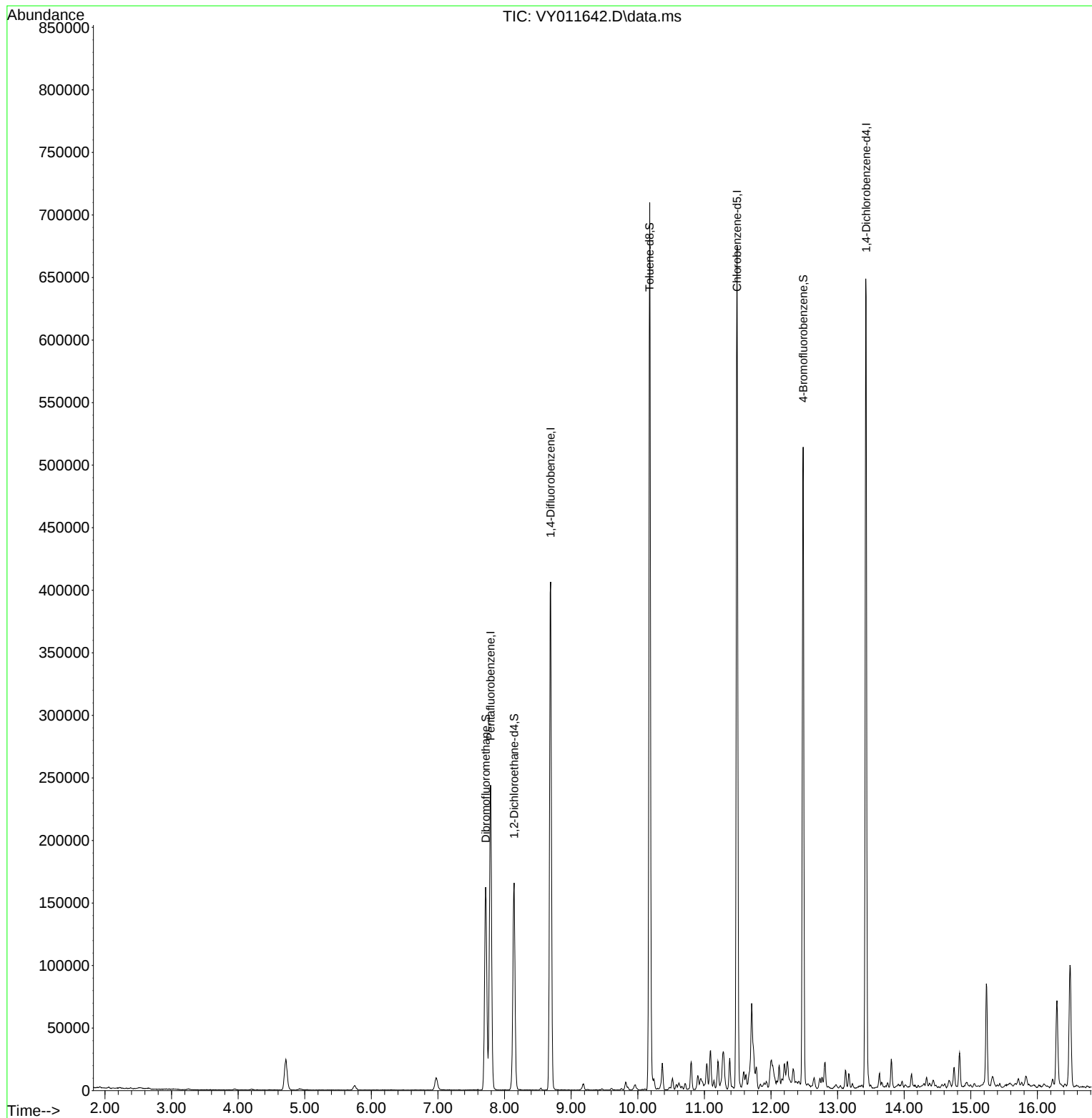
Target Compounds	Qvalue

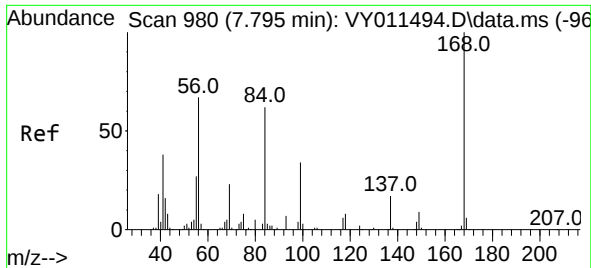
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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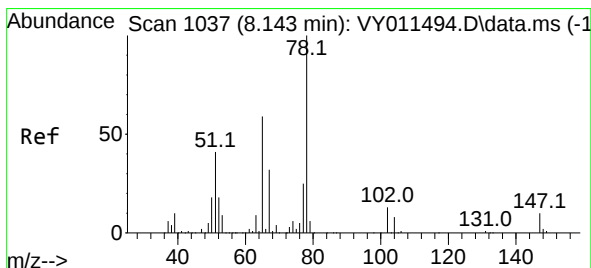
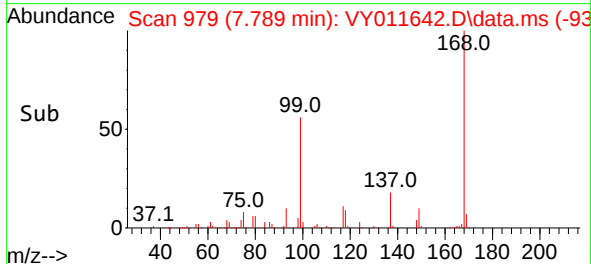
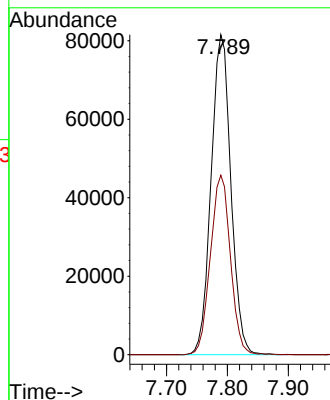
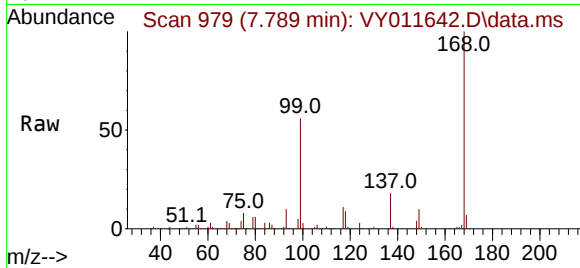




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011642.D
Acq: 30 Nov 2022 15:39

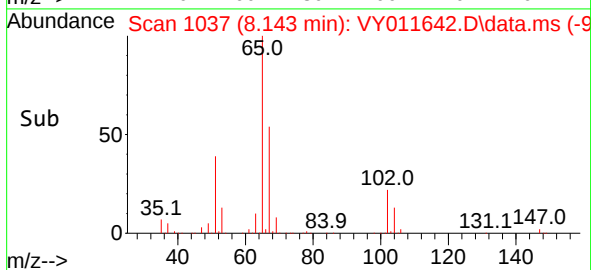
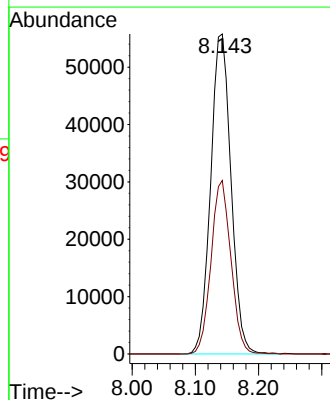
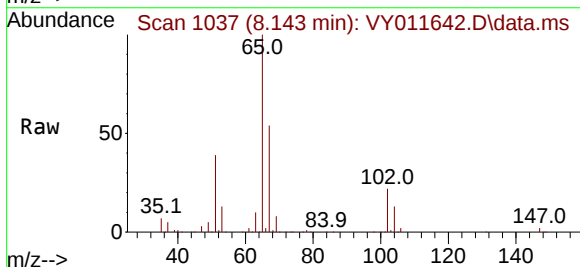
Instrument :
MSVOA_Y
ClientSampleId :
S1

Tgt Ion:168 Resp: 183804
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 66.849 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011642.D
Acq: 30 Nov 2022 15:39

Tgt Ion: 65 Resp: 124762
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4

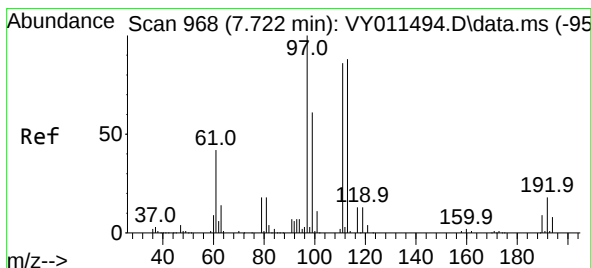
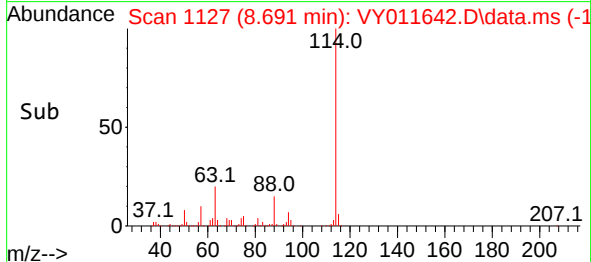
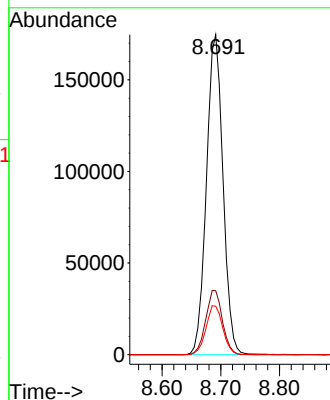
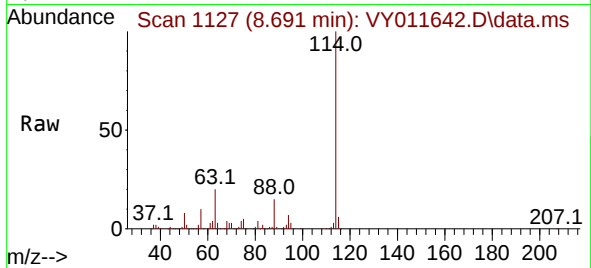




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011642.D
Acq: 30 Nov 2022 15:39

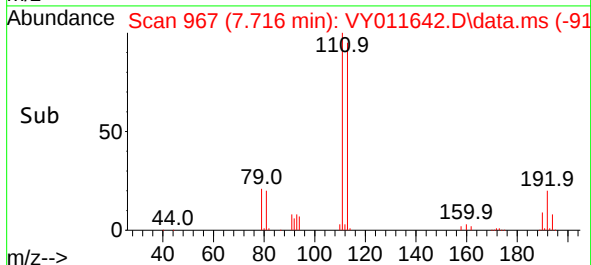
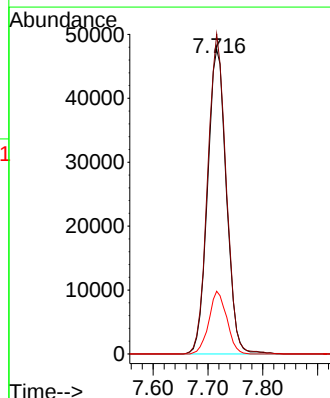
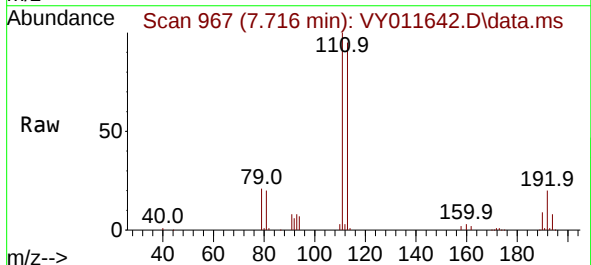
Instrument :
MSVOA_Y
ClientSampleId :
S1

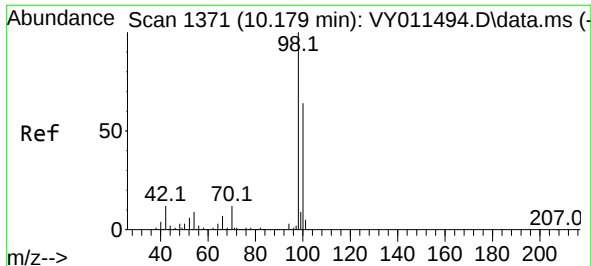
Tgt Ion:114 Resp: 341979
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.700 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011642.D
Acq: 30 Nov 2022 15:39

Tgt Ion:113 Resp: 113050
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.7 17.6 26.4

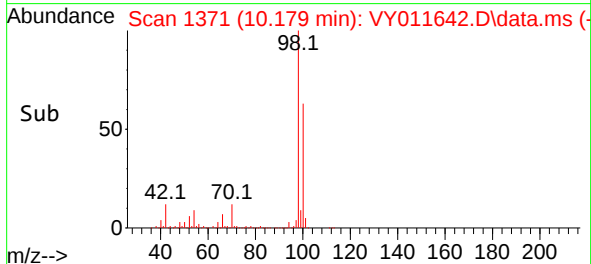
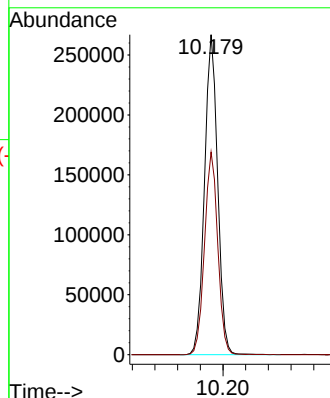
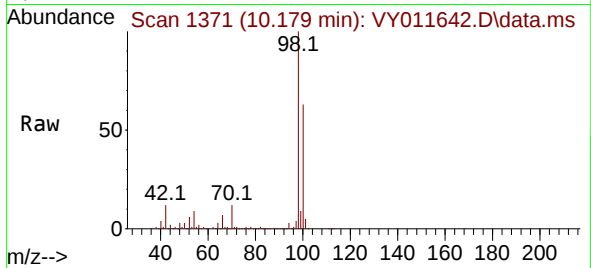




#50
Toluene-d8
Concen: 56.110 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011642.D
Acq: 30 Nov 2022 15:39

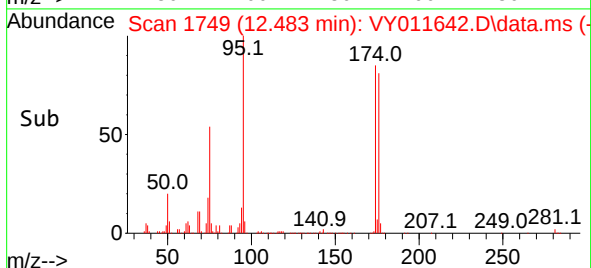
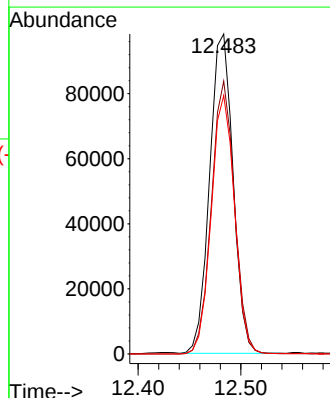
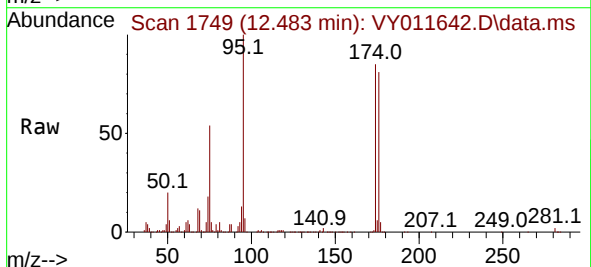
Instrument :
MSVOA_Y
ClientSampleId :
S1

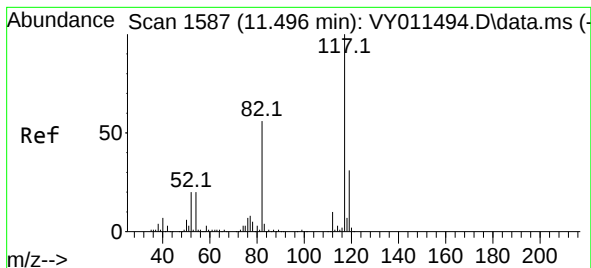
Tgt Ion: 98 Resp: 429248
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.843 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011642.D
Acq: 30 Nov 2022 15:39

Tgt Ion: 95 Resp: 155121
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 80.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011642.D

Acq: 30 Nov 2022 15:39

Instrument :

MSVOA_Y

ClientSampleId :

S1

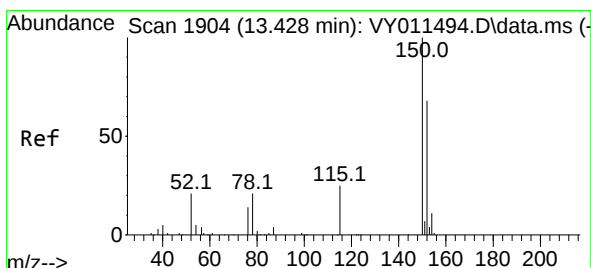
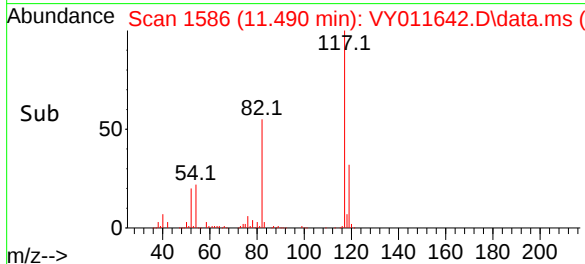
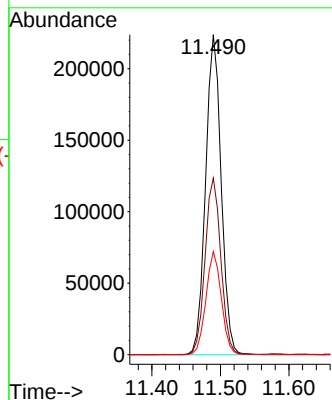
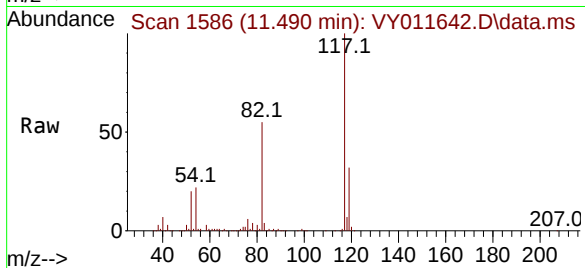
Tgt Ion:117 Resp: 353807

Ion Ratio Lower Upper

117 100

82 55.1 43.0 64.4

119 32.2 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: VY011642.D

Acq: 30 Nov 2022 15:39

Tgt Ion:152 Resp: 163420

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 157.7 0.0 347.6

