

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102522\
 Data File : VY011102.D
 Acq On : 25 Oct 2022 18:20
 Operator : KP/MD
 Sample : N5257-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOLLAND-RD-COMP-1

Quant Time: Oct 26 09:01:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	308722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	543146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	457484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118037	41.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.020%
35) Dibromofluoromethane	7.710	113	125248	40.979	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.960%
50) Toluene-d8	10.179	98	391324	34.506	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	69.020%
62) 4-Bromofluorobenzene	12.477	95	128638	30.844	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.680%

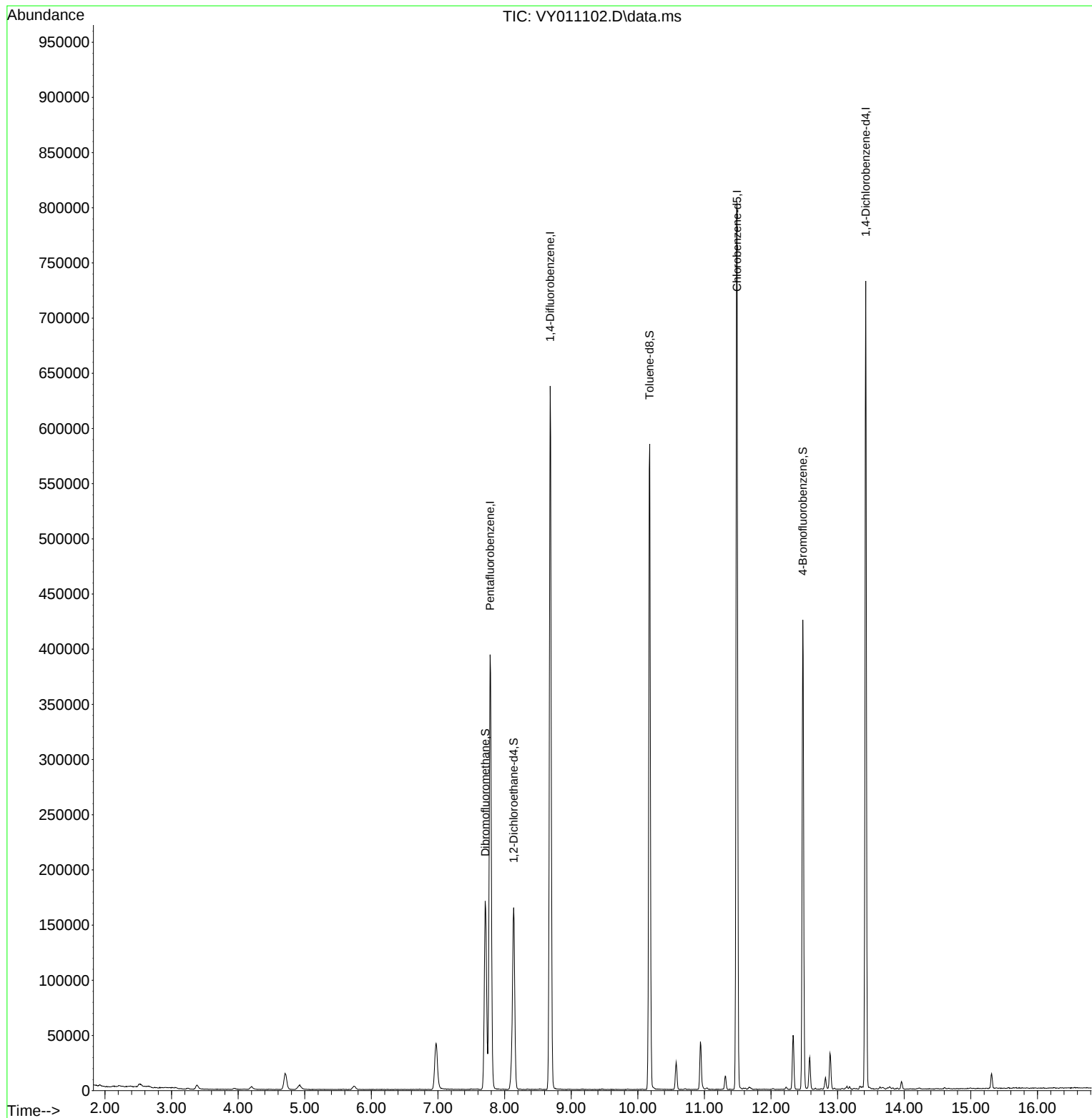
Target Compounds	Qvalue

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

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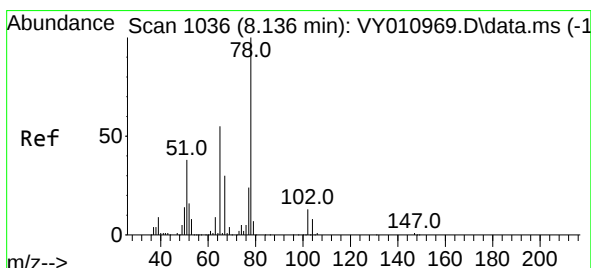
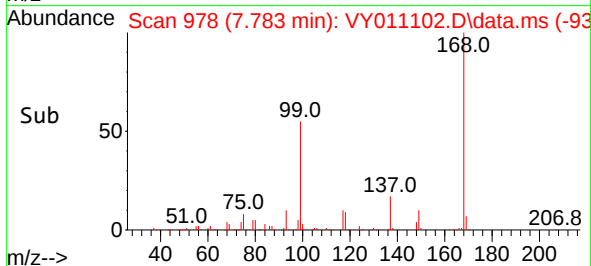
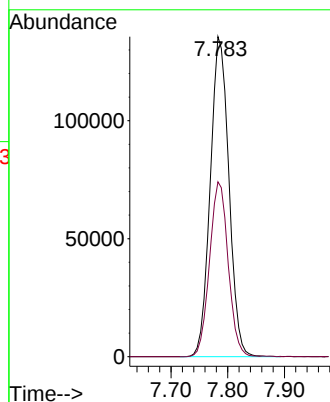
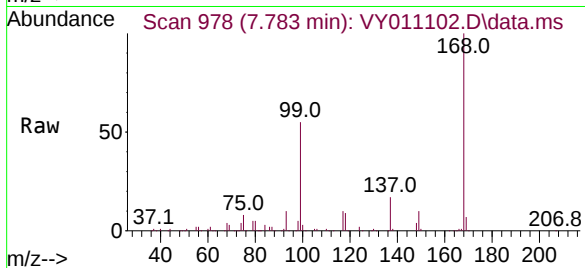




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011102.D
Acq: 25 Oct 2022 18:20

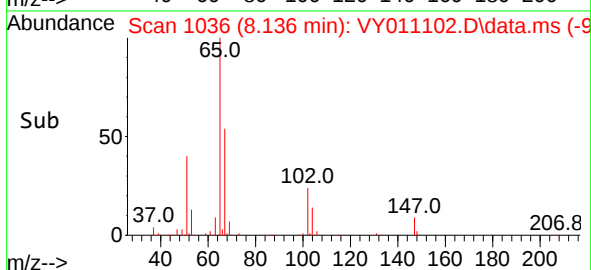
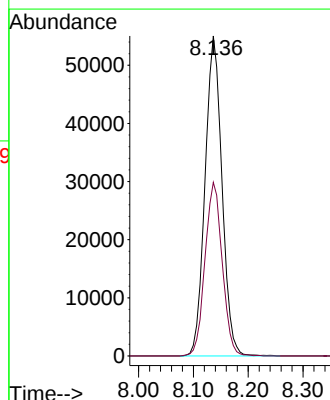
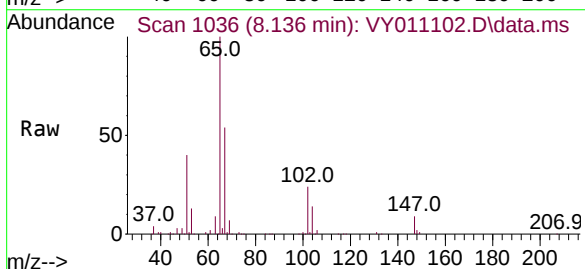
Instrument :
MSVOA_Y
ClientSampleId :
HOLLAND-RD-COMP-1

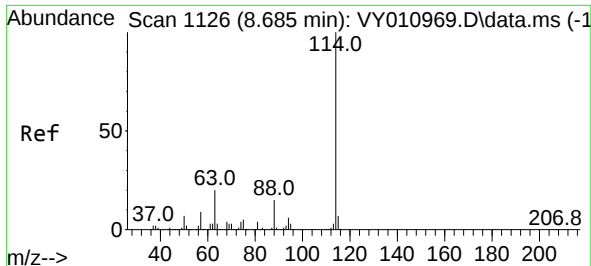
Tgt Ion:168 Resp: 308722
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 41.507 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011102.D
Acq: 25 Oct 2022 18:20

Tgt Ion: 65 Resp: 118037
Ion Ratio Lower Upper
65 100
67 55.1 0.0 99.4

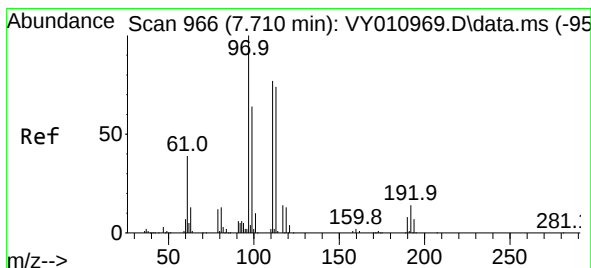
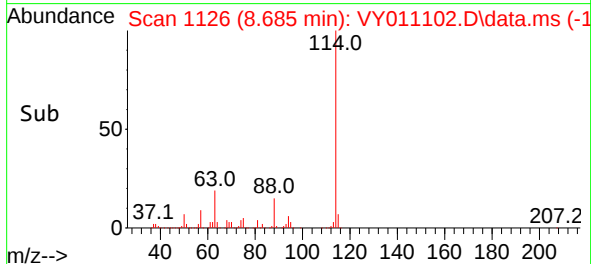
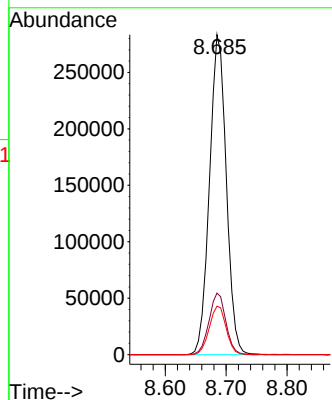
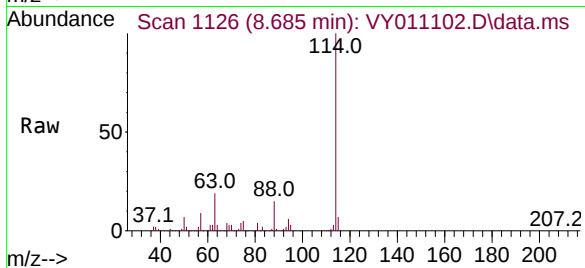




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011102.D
Acq: 25 Oct 2022 18:20

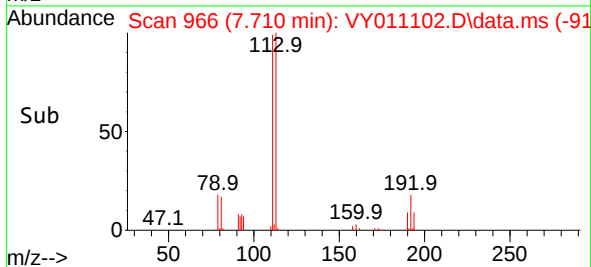
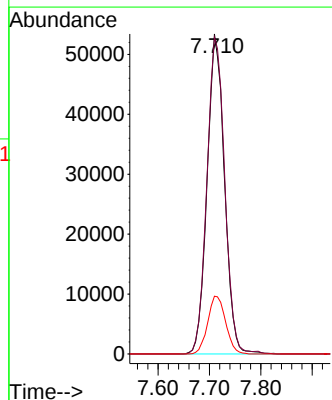
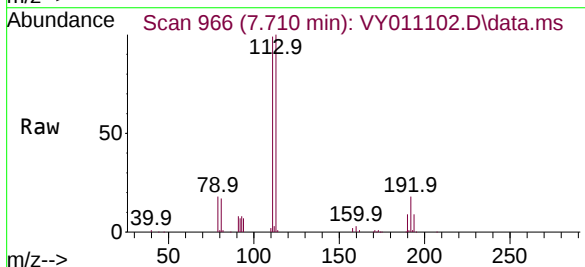
Instrument :
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ClientSampleId :
HOLLAND-RD-COMP-1

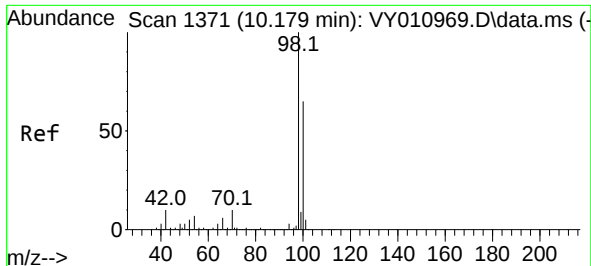
Tgt Ion:	114	Resp:	543146
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	43.2
88	15.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 40.979 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011102.D
Acq: 25 Oct 2022 18:20

Tgt Ion:	113	Resp:	125248
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	18.7	17.6	26.4

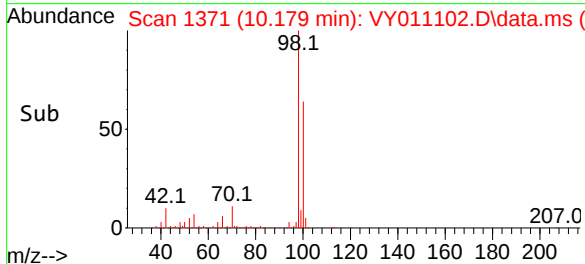
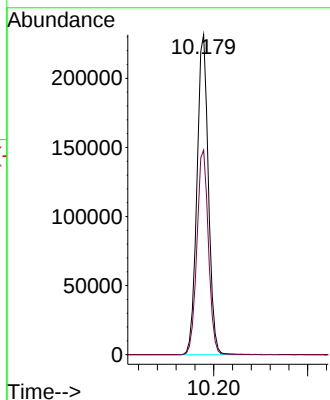
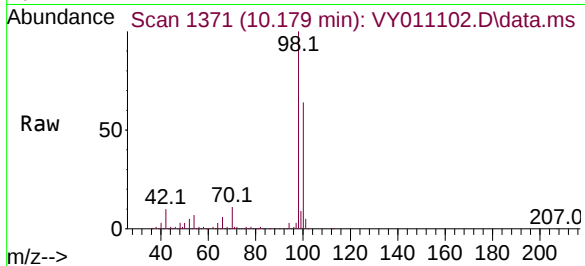




#50
Toluene-d8
Concen: 34.506 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011102.D
Acq: 25 Oct 2022 18:20

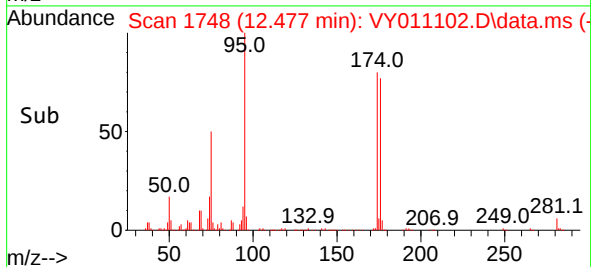
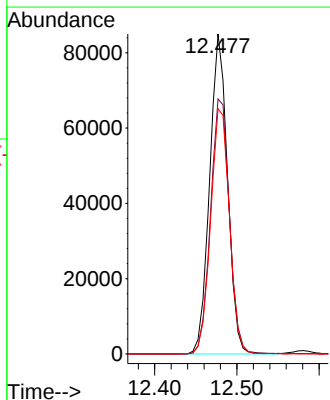
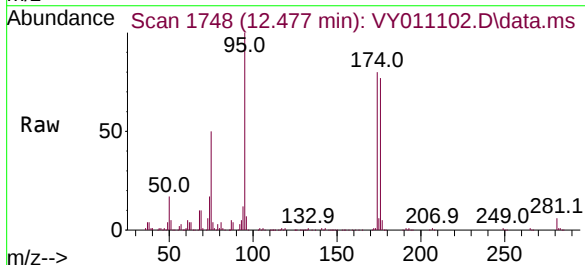
Instrument :
MSVOA_Y
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HOLLAND-RD-COMP-1

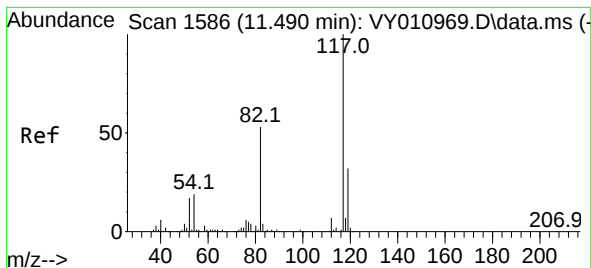
Tgt Ion: 98 Resp: 391324
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.844 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011102.D
Acq: 25 Oct 2022 18:20

Tgt Ion: 95 Resp: 128638
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 80.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. -0.001 min

Lab File: VY011102.D

Acq: 25 Oct 2022 18:20

Instrument :

MSVOA_Y

ClientSampleId :

HOLLAND-RD-COMP-1

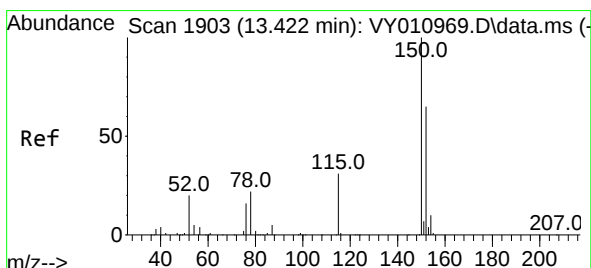
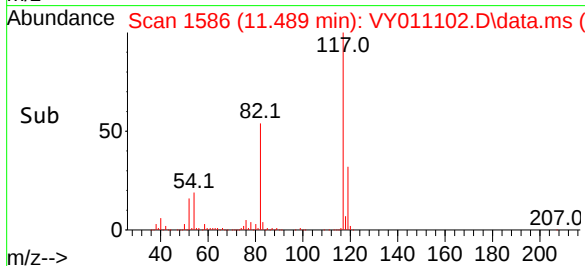
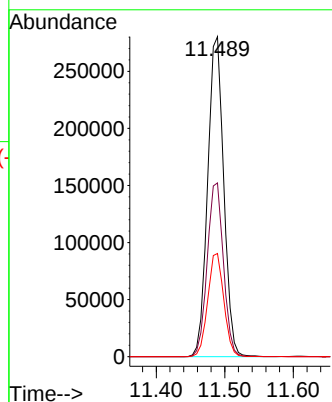
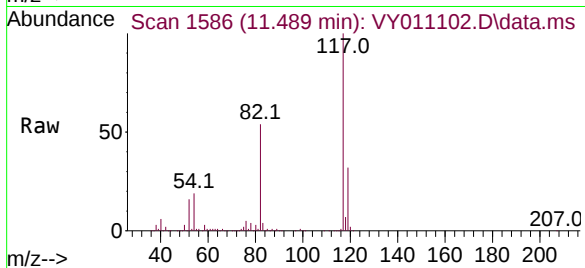
Tgt Ion:117 Resp: 457484

Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.4

119 32.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY011102.D

Acq: 25 Oct 2022 18:20

Tgt Ion:152 Resp: 184270

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 158.0 0.0 347.6

