

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
 Data File : VY011010.D
 Acq On : 19 Oct 2022 15:06
 Operator : KP/MD
 Sample : N5171-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-101722

Quant Time: Oct 20 05:14:26 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	7.789	168	346670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	584188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	497623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	216350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	184664	57.828	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.660%
35) Dibromofluoromethane	7.716	113	189256	58.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.960%
50) Toluene-d8	10.179	98	651700	53.427	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.860%
62) 4-Bromofluorobenzene	12.483	95	219412	50.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.660%

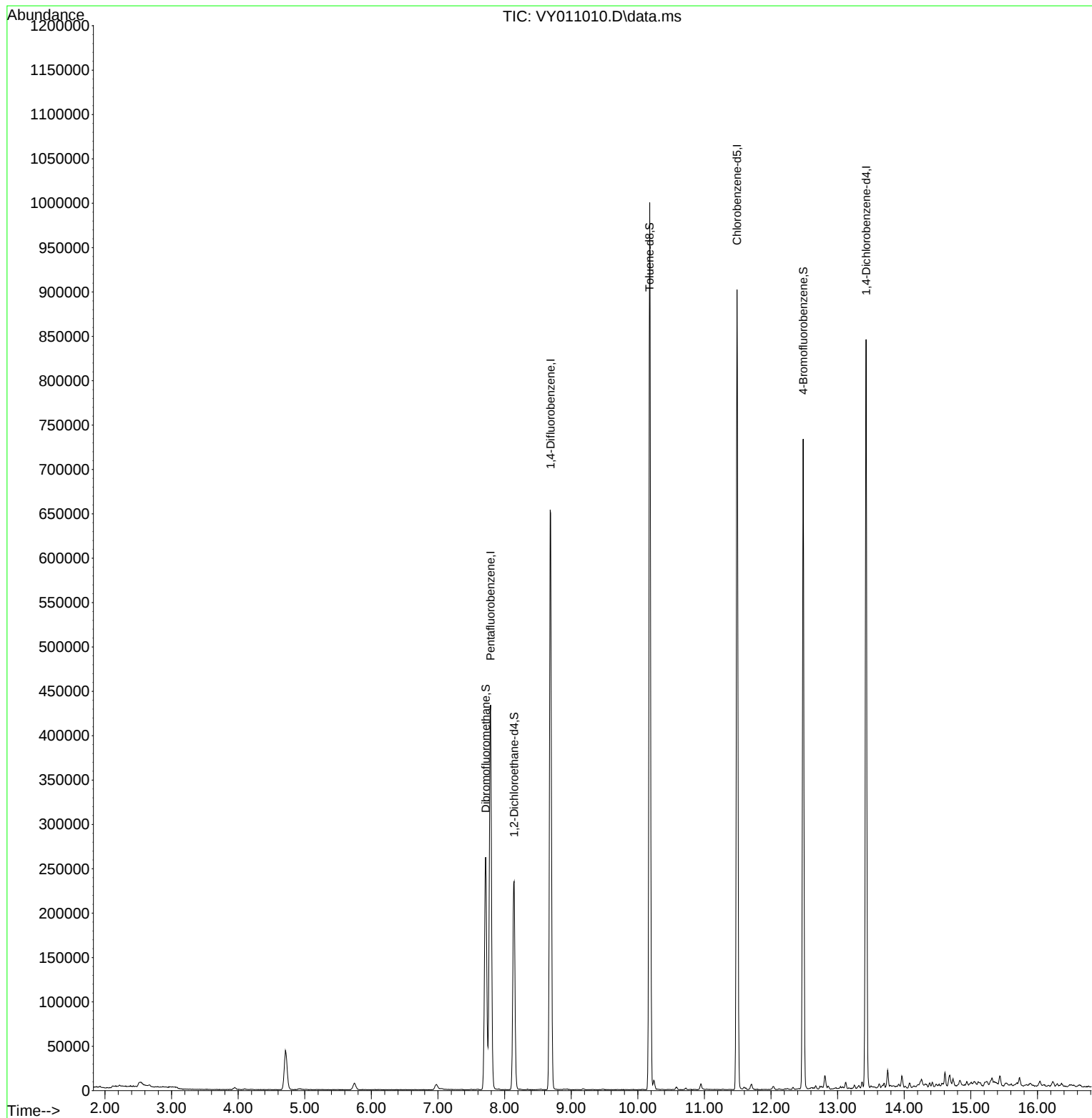
Target Compounds	Qvalue

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

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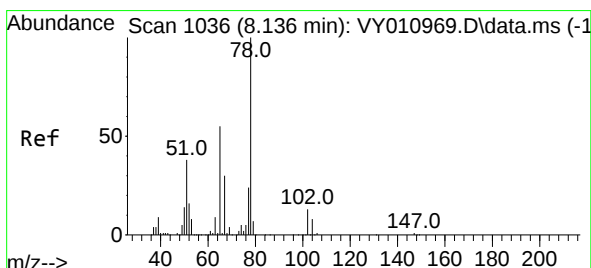
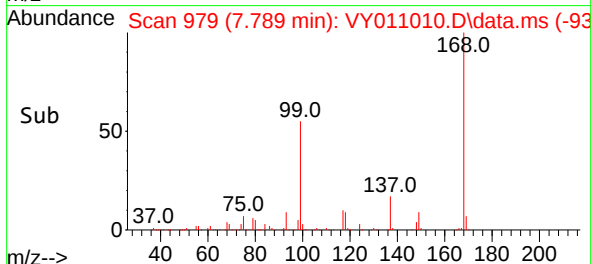
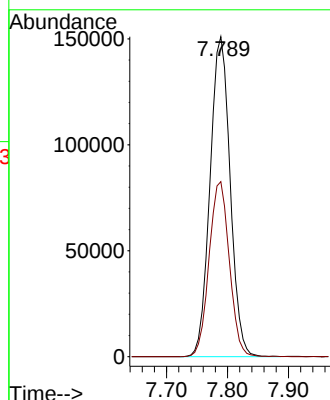
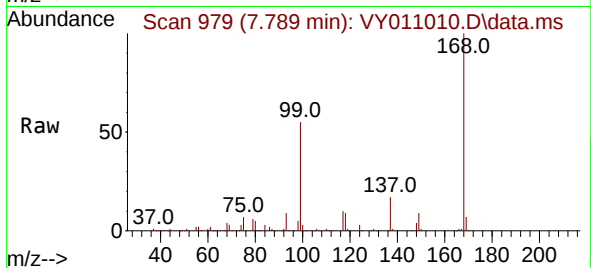




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

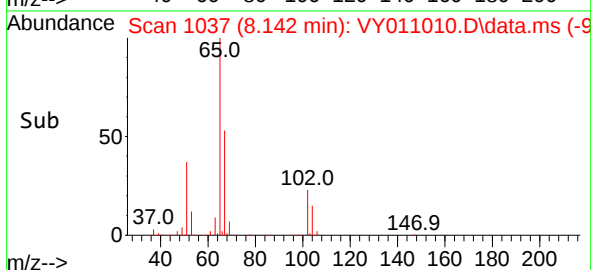
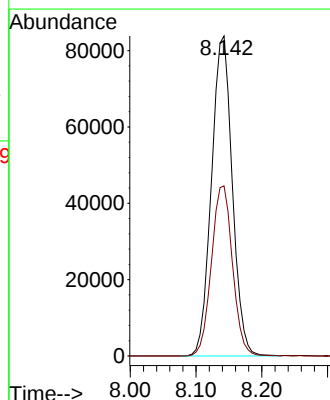
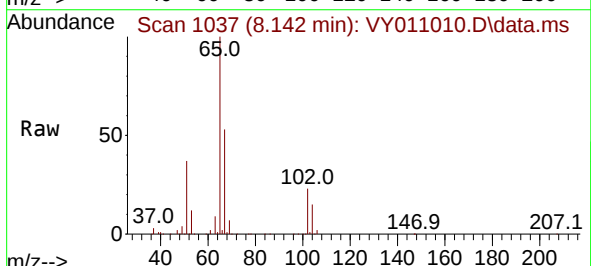
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NB-08-101722

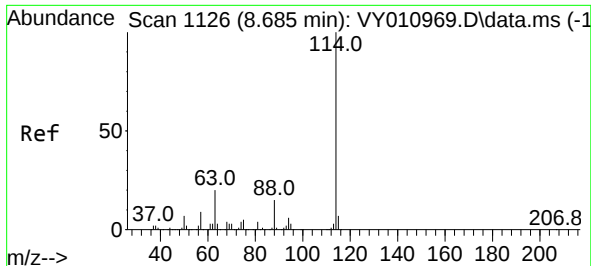
Tgt Ion:168 Resp: 346670
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.828 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

Tgt Ion: 65 Resp: 184664
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4

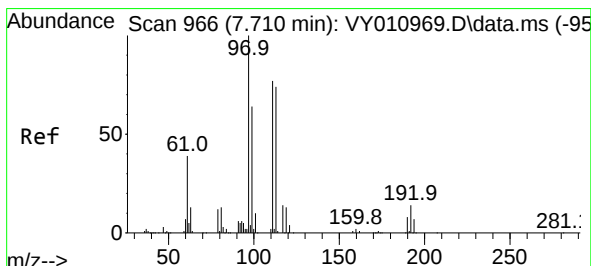
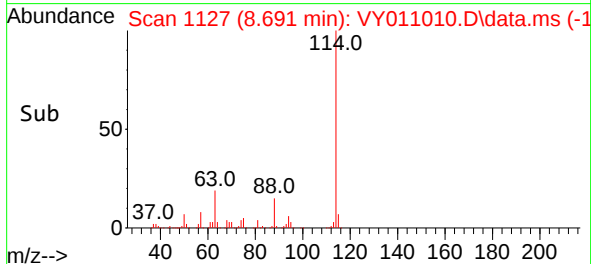
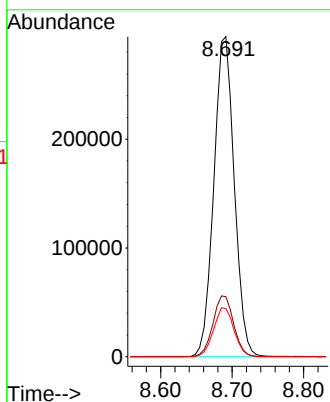
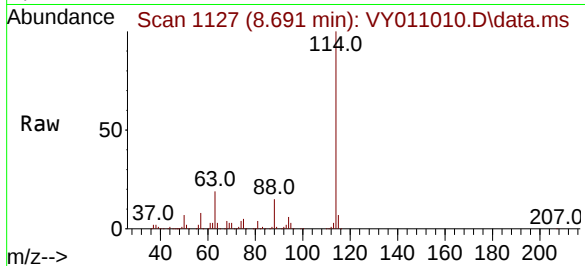




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

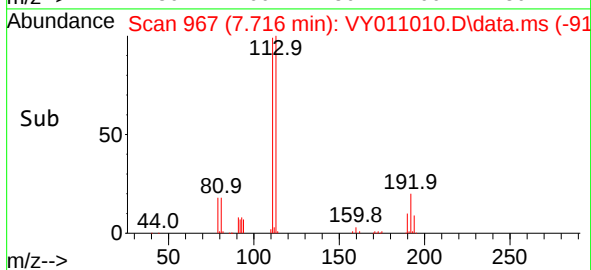
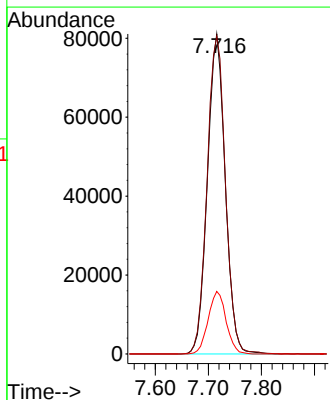
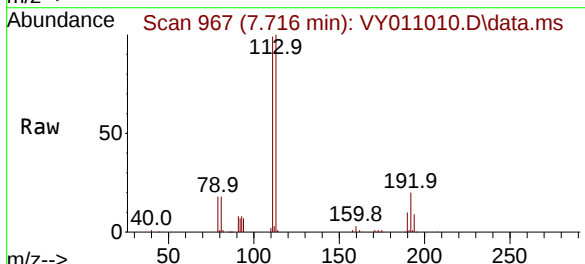
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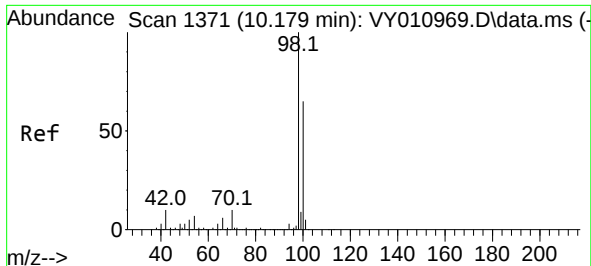
Tgt Ion:114 Resp: 584188
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 58.483 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

Tgt Ion:113 Resp: 189256
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.7 17.6 26.4

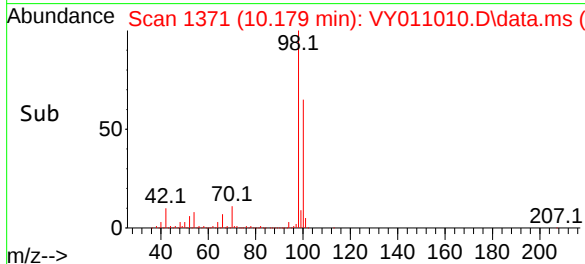
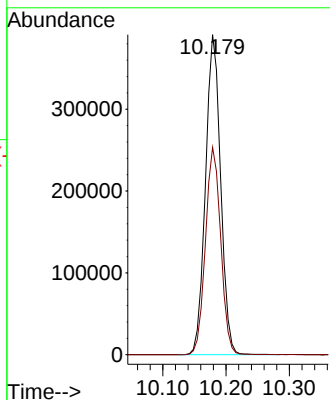
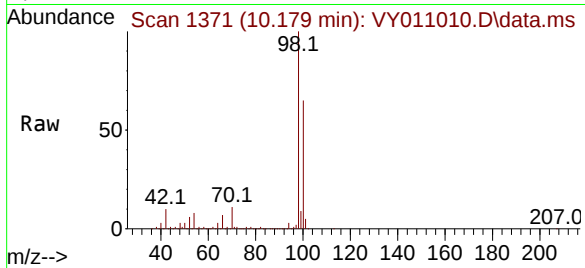




#50
Toluene-d8
Concen: 53.427 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

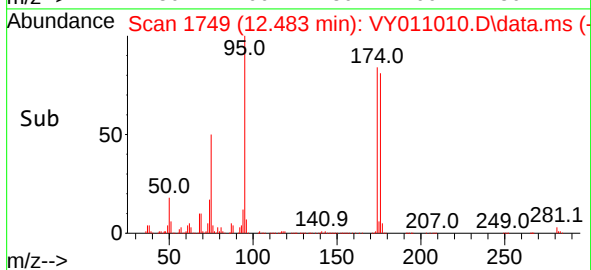
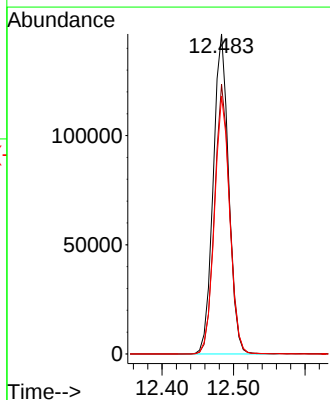
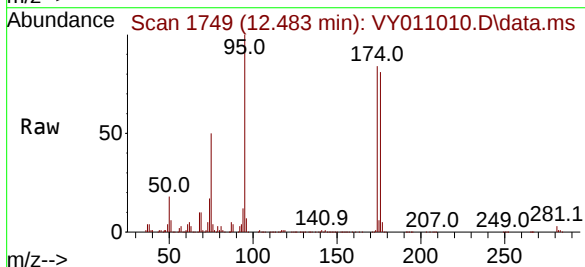
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-101722

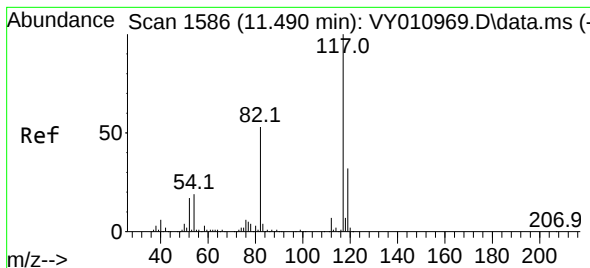
Tgt Ion: 98 Resp: 651700
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.831 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011010.D
Acq: 19 Oct 2022 15:06

Tgt Ion: 95 Resp: 219412
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 79.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011010.D

Acq: 19 Oct 2022 15:06

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-101722

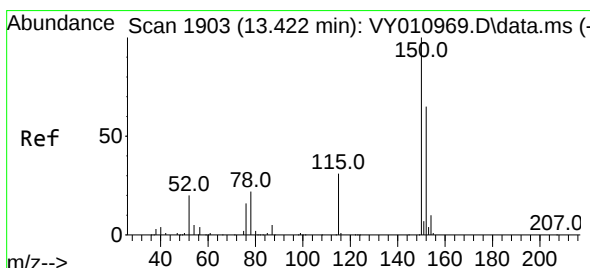
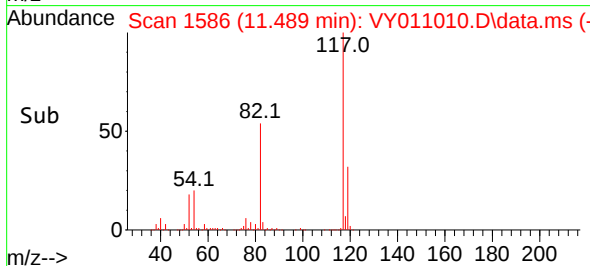
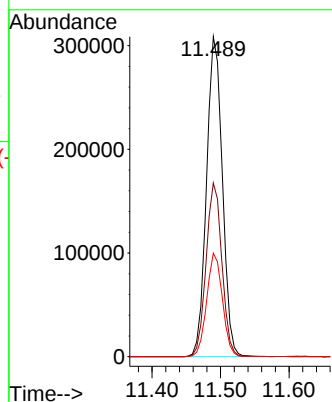
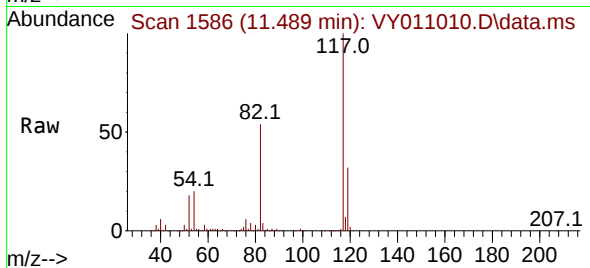
Tgt Ion:117 Resp: 497623

Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.4

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY011010.D

Acq: 19 Oct 2022 15:06

Tgt Ion:152 Resp: 216350

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 157.8 0.0 347.6

