

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011289.D
 Acq On : 03 Nov 2022 16:02
 Operator : KP/MD
 Sample : N5395-04RE
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-10-103122RE

Quant Time: Nov 04 02:21:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	179181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	315444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	242324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74670	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106626	55.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.280%
35) Dibromofluoromethane	7.716	113	112823	55.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.340%
50) Toluene-d8	10.179	98	376034	47.787	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.477	95	98450	36.039	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.080%

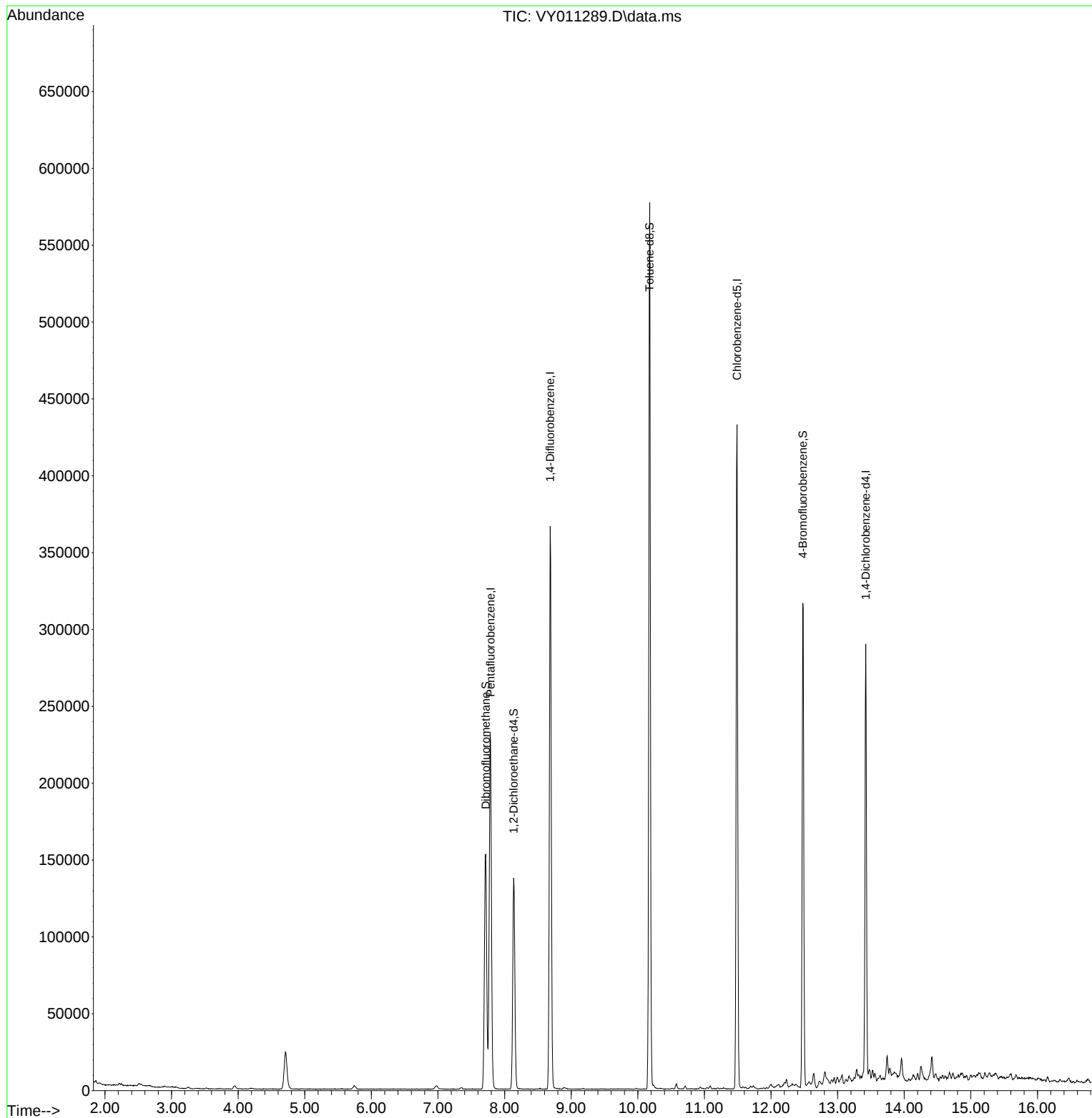
Target Compounds	Qvalue

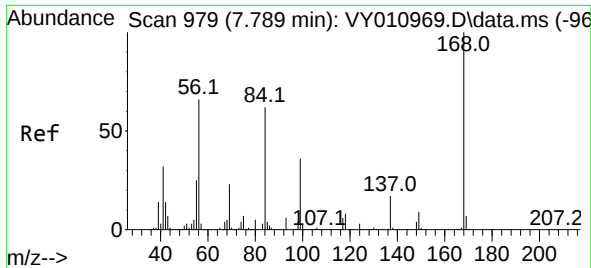
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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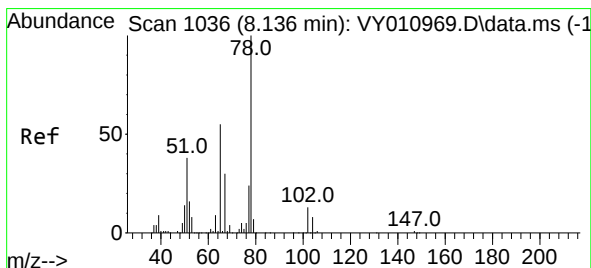
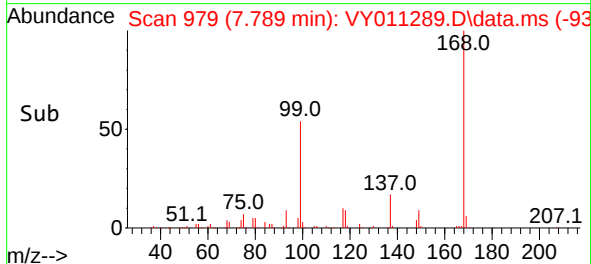
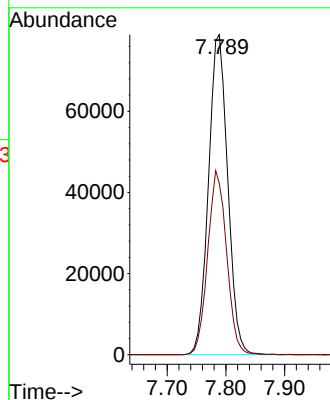
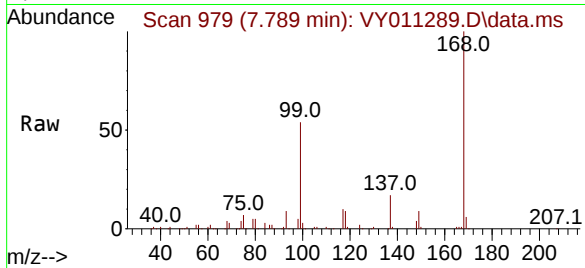




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011289.D
Acq: 03 Nov 2022 16:02

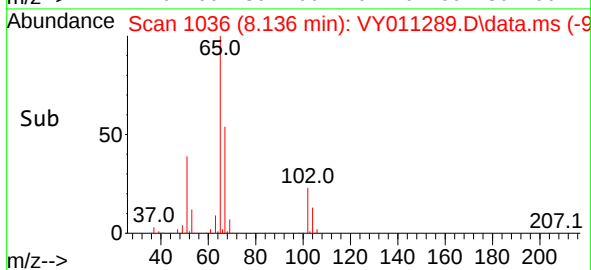
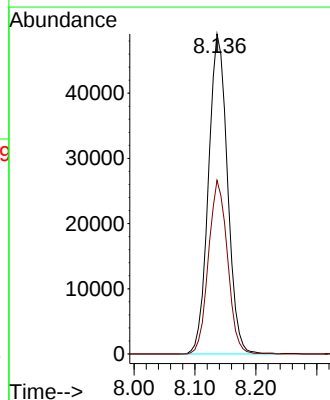
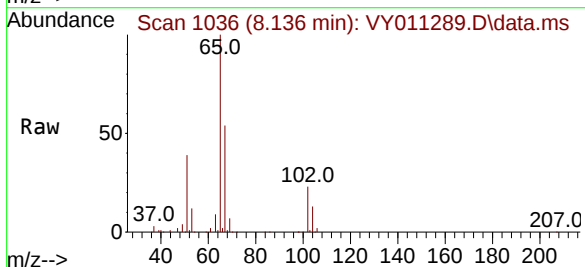
Instrument :
MSVOA_Y
ClientSampleId :
S-10-103122RE

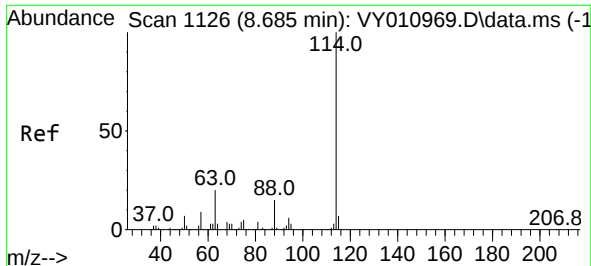
Tgt Ion:168 Resp: 179181
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.640 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011289.D
Acq: 03 Nov 2022 16:02

Tgt Ion: 65 Resp: 106626
Ion Ratio Lower Upper
65 100
67 54.1 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: VY011289.D

Acq: 03 Nov 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :

S-10-103122RE

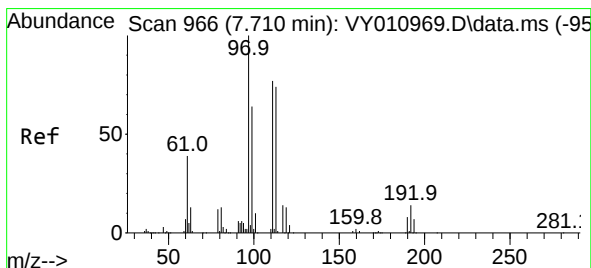
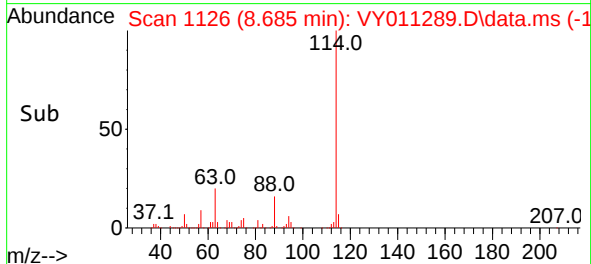
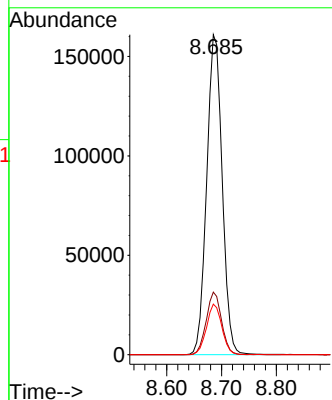
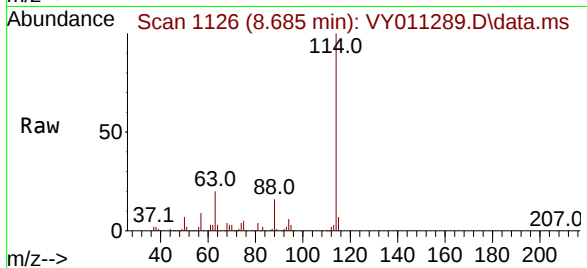
Tgt Ion:114 Resp: 315444

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.668 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011289.D

Acq: 03 Nov 2022 16:02

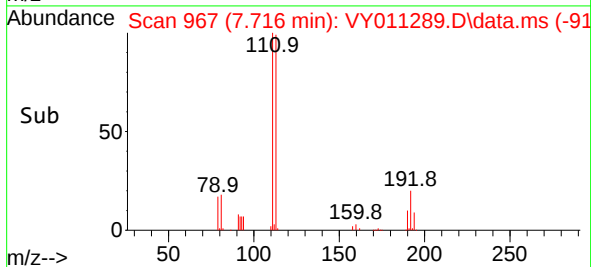
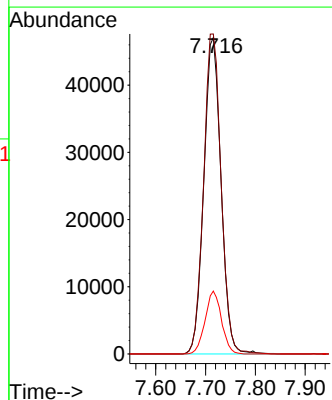
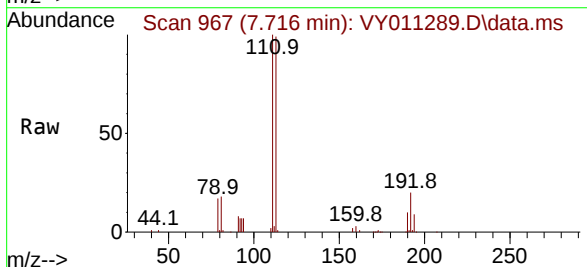
Tgt Ion:113 Resp: 112823

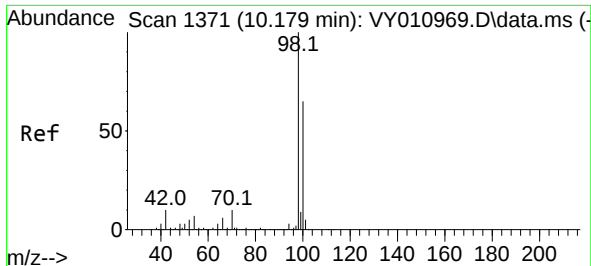
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 18.9 17.6 26.4

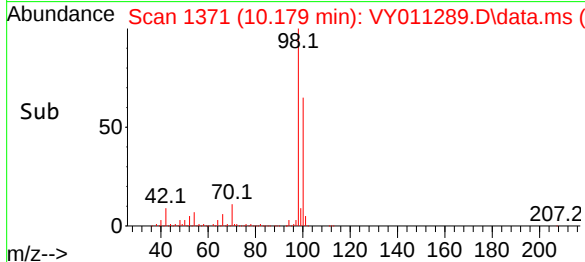
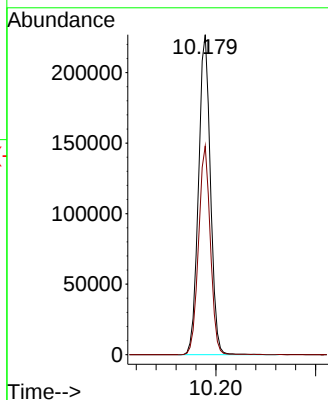
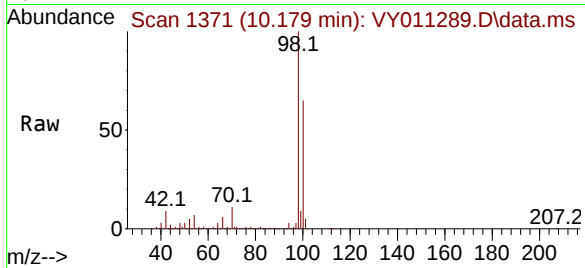




#50
Toluene-d8
Concen: 47.787 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011289.D
Acq: 03 Nov 2022 16:02

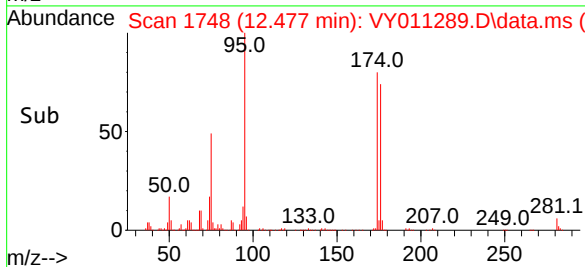
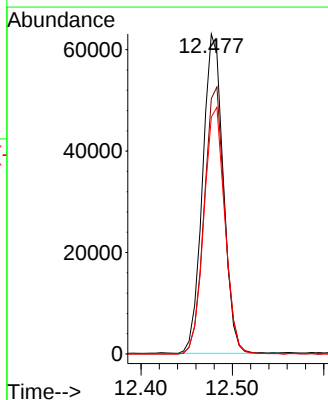
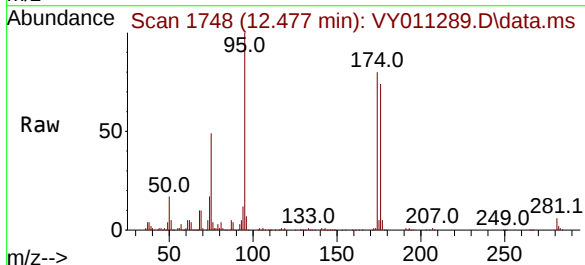
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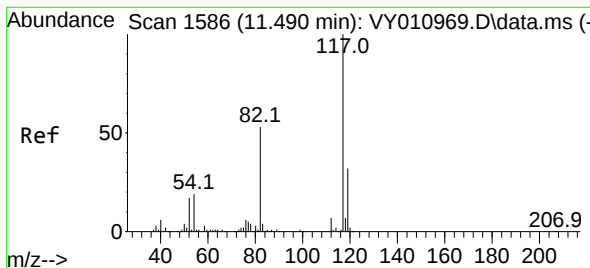
Tgt Ion: 98 Resp: 376034
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.039 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011289.D
Acq: 03 Nov 2022 16:02

Tgt Ion: 95 Resp: 98450
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 78.5 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: VY011289.D

Acq: 03 Nov 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :

S-10-103122RE

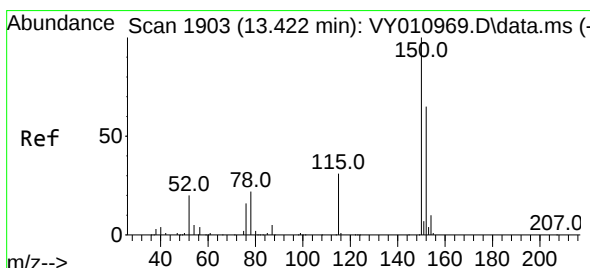
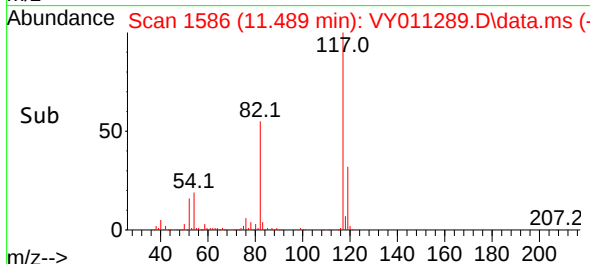
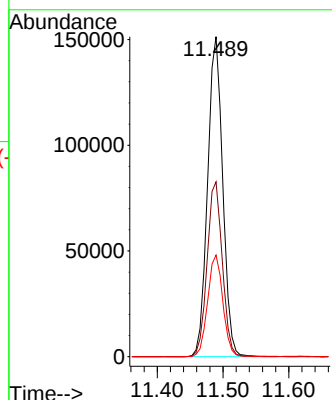
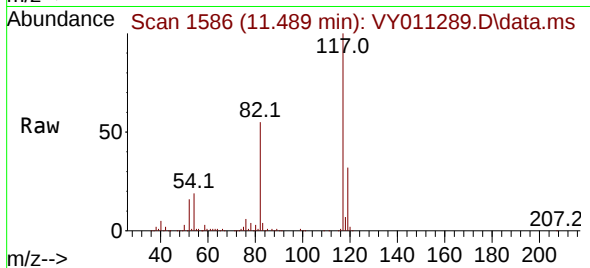
Tgt Ion:117 Resp: 242324

Ion Ratio Lower Upper

117 100

82 54.7 43.0 64.4

119 31.7 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: VY011289.D

Acq: 03 Nov 2022 16:02

Tgt Ion:152 Resp: 74670

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 155.7 0.0 347.6

