

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012095.D
 Acq On : 06 Jan 2023 16:38
 Operator : KP/MD
 Sample : 01027-01RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1-1-4-2023RE

Quant Time: Jan 07 01:49:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	87059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	151761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64240	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57415	58.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.380%
35) Dibromofluoromethane	7.722	113	48412	48.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.060%
50) Toluene-d8	10.179	98	181356	46.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.120%
62) 4-Bromofluorobenzene	12.483	95	57796	41.997	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.000%

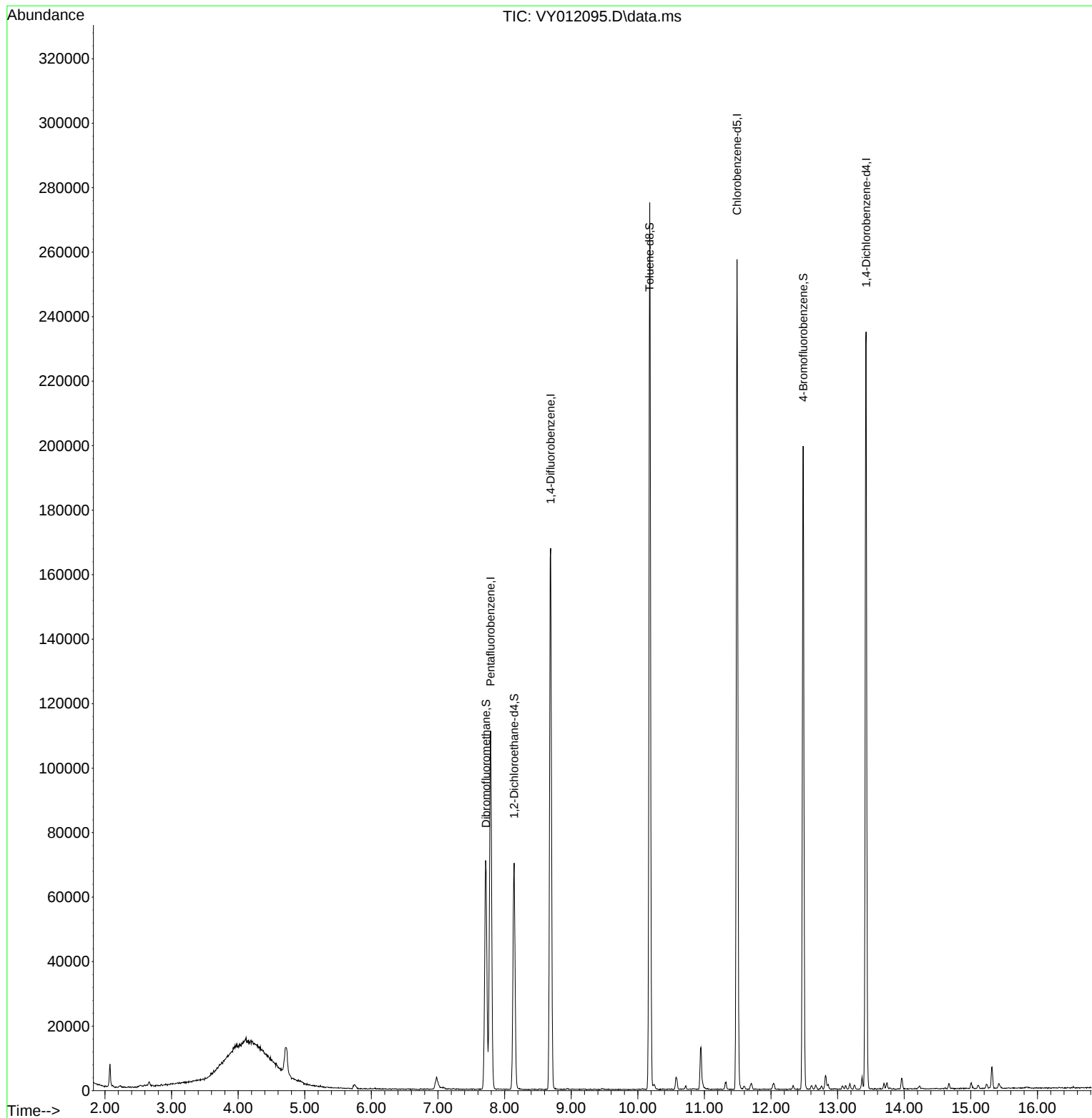
Target Compounds	Qvalue

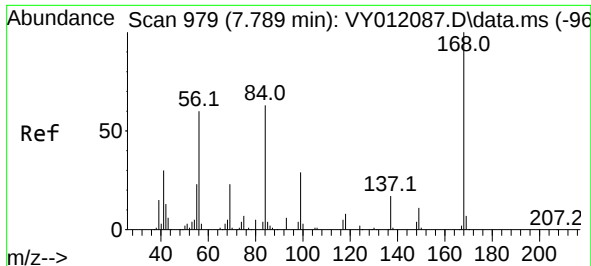
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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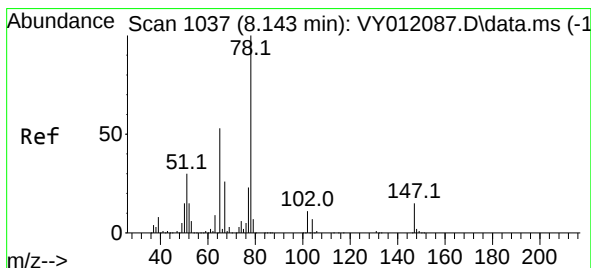
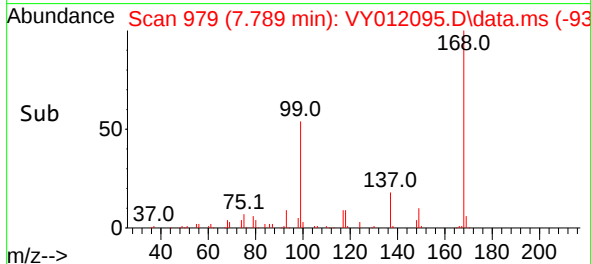
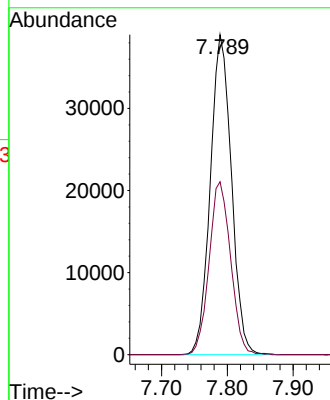
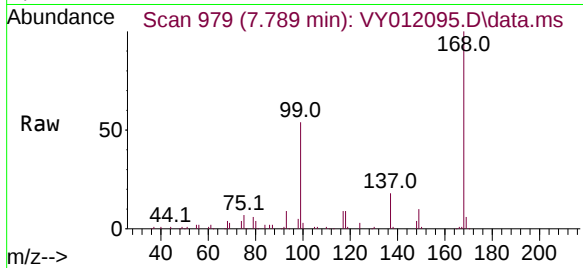




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

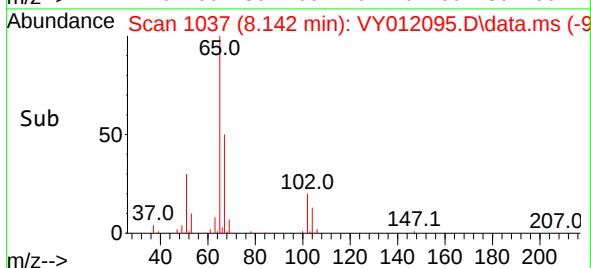
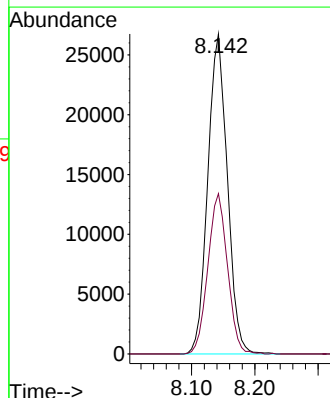
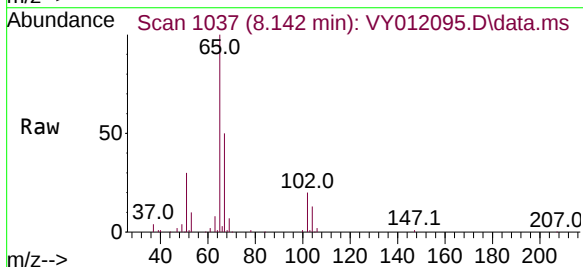
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1-1-4-2023RE

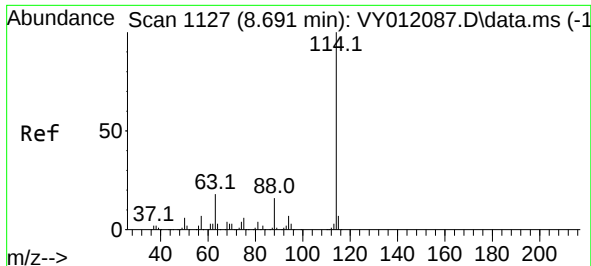
Tgt Ion:168 Resp: 87059
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 58.692 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

Tgt Ion: 65 Resp: 57415
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012095.D

Acq: 06 Jan 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1-1-4-2023RE

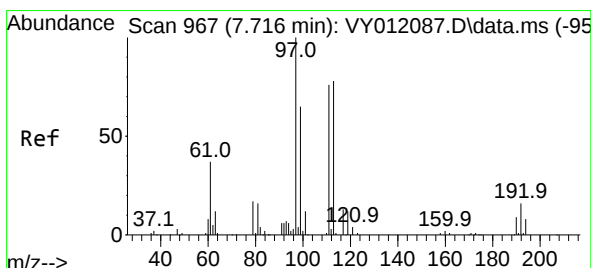
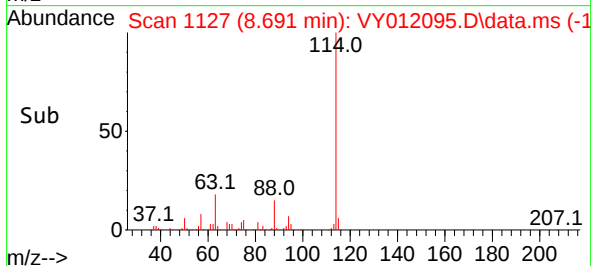
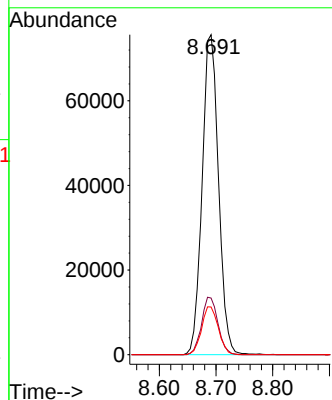
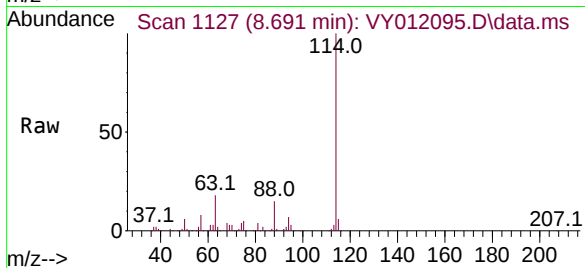
Tgt Ion:114 Resp: 151761

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.533 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012095.D

Acq: 06 Jan 2023 16:38

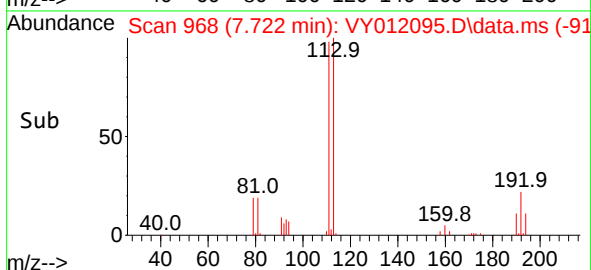
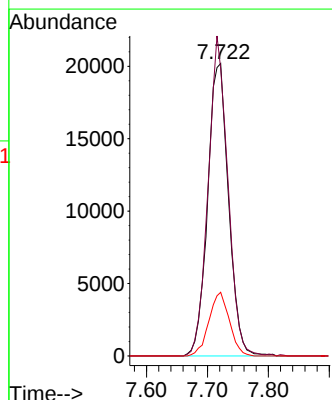
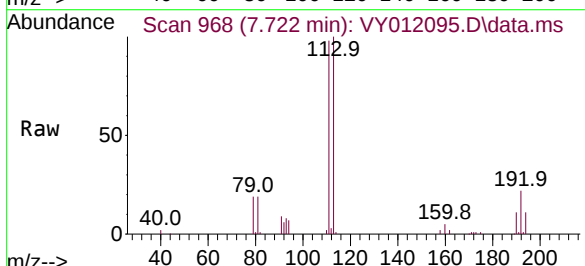
Tgt Ion:113 Resp: 48412

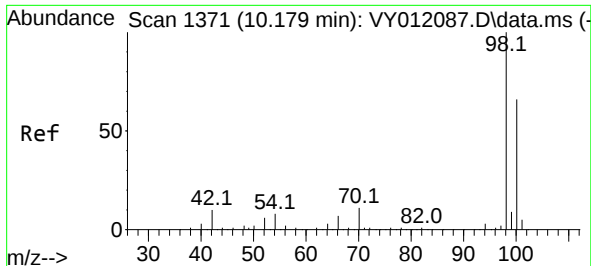
Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.4

192 21.2 16.0 24.0

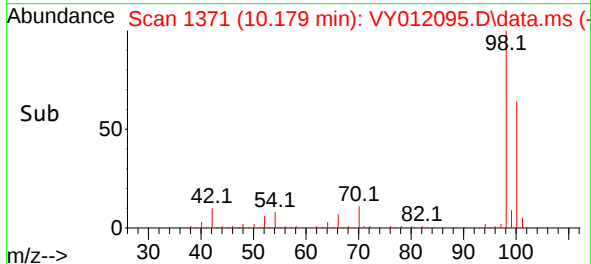
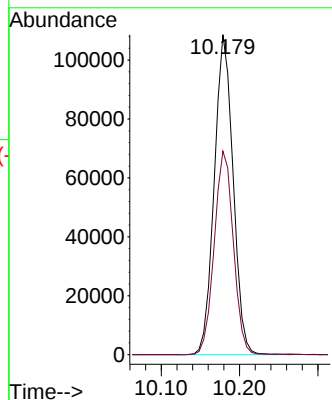
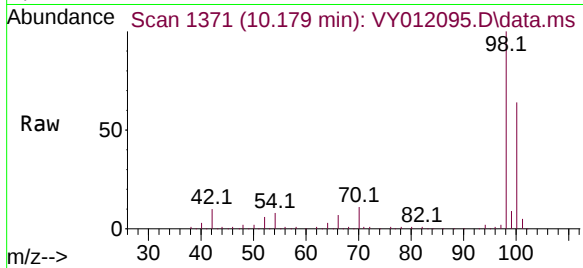




#50
Toluene-d8
Concen: 46.063 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

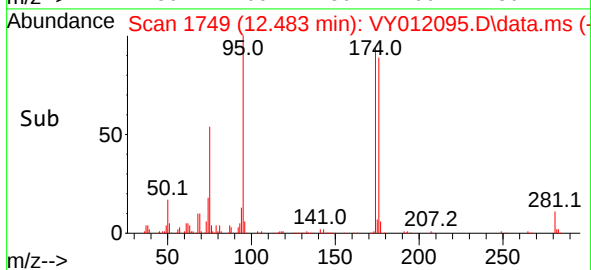
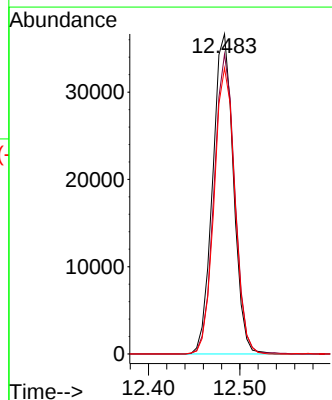
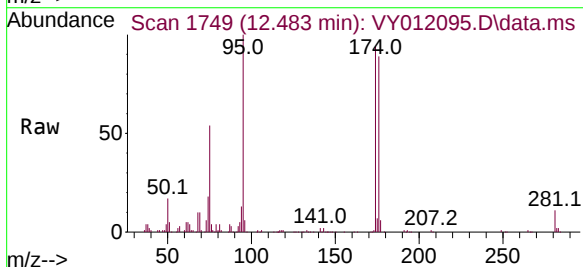
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COMP-1-1-4-2023RE

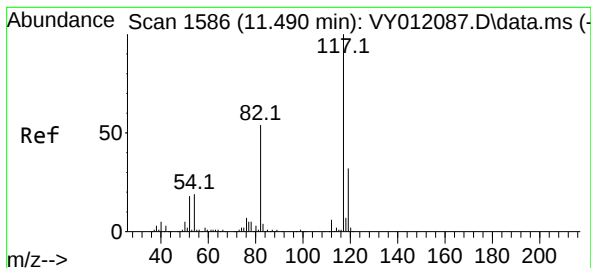
Tgt Ion: 98 Resp: 181356
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.997 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012095.D
Acq: 06 Jan 2023 16:38

Tgt Ion: 95 Resp: 57796
Ion Ratio Lower Upper
95 100
174 93.5 0.0 172.0
176 89.6 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012095.D

Acq: 06 Jan 2023 16:38

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1-1-4-2023RE

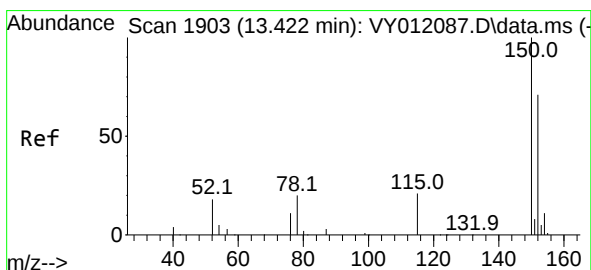
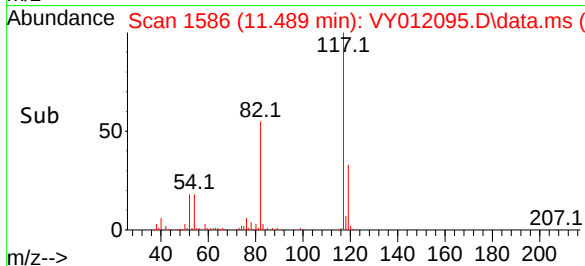
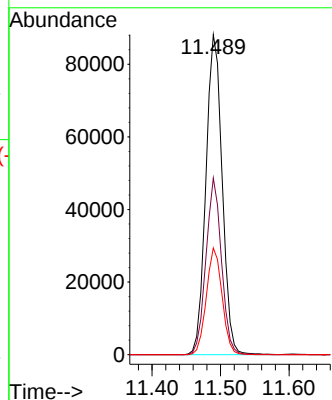
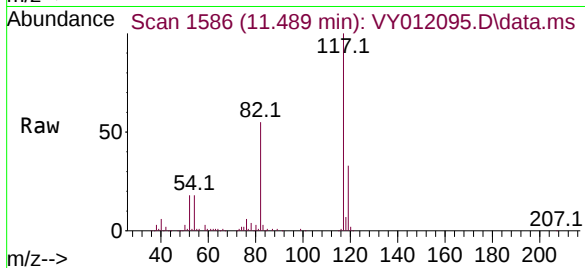
Tgt Ion:117 Resp: 145760

Ion Ratio Lower Upper

117 100

82 55.2 44.8 67.2

119 33.3 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012095.D

Acq: 06 Jan 2023 16:38

Tgt Ion:152 Resp: 64240

Ion Ratio Lower Upper

152 100

115 57.7 29.1 87.3

150 159.3 0.0 342.6

