

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013097.D
 Acq On : 27 Mar 2023 17:17
 Operator : KP/MD
 Sample : 02106-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-238

Quant Time: Mar 28 01:46:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	75006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	133475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	121170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51761	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49799	66.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.740%
35) Dibromofluoromethane	7.716	113	43930	54.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.080%
50) Toluene-d8	10.179	98	159334	54.107	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.220%
62) 4-Bromofluorobenzene	12.483	95	46999	47.285	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.580%

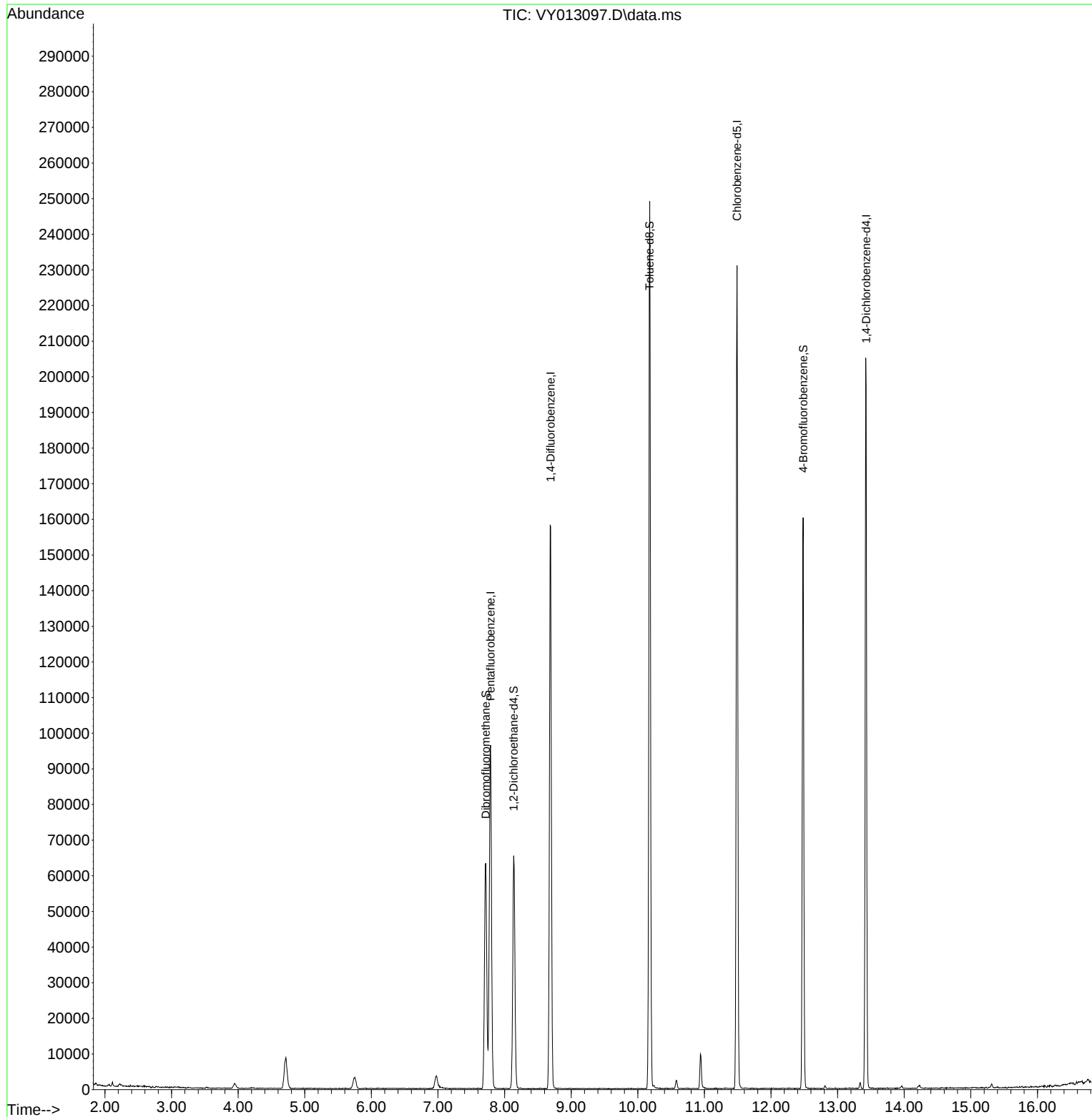
Target Compounds	Qvalue

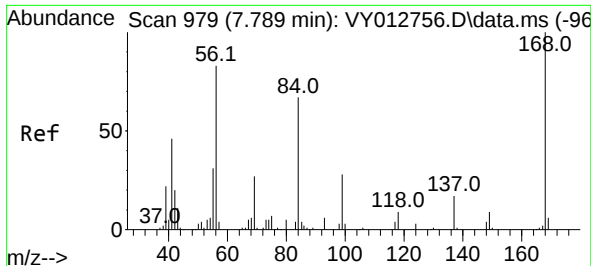
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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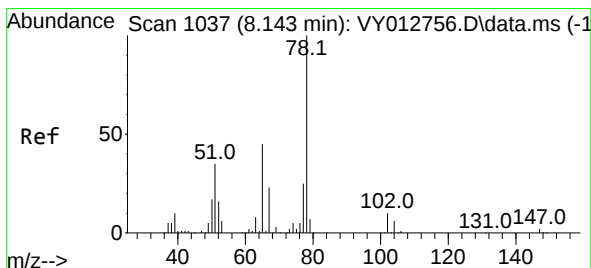
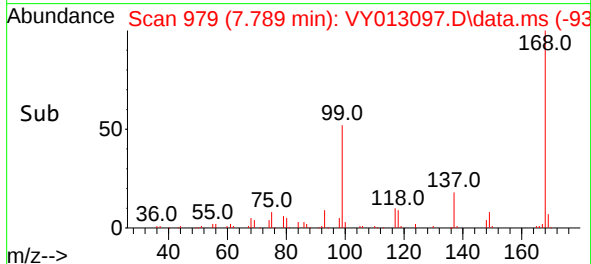
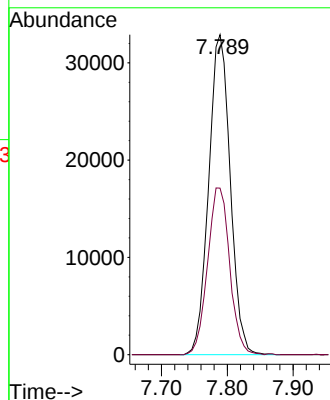
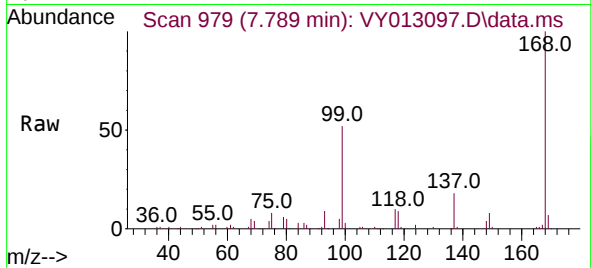




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013097.D
Acq: 27 Mar 2023 17:17

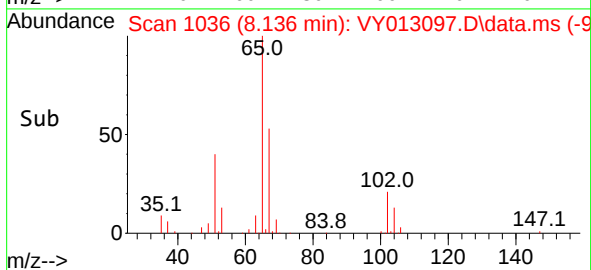
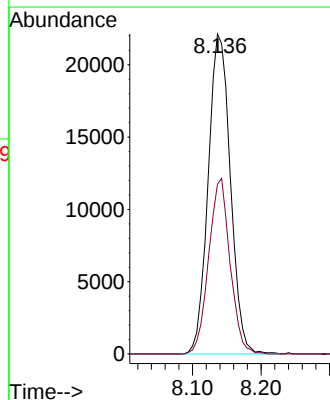
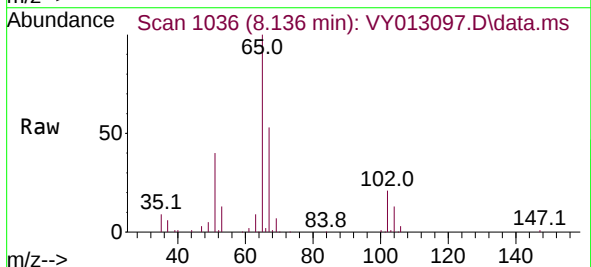
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-238

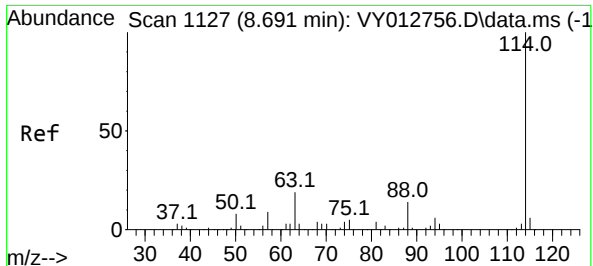
Tgt Ion:168 Resp: 75006
Ion Ratio Lower Upper
168 100
99 52.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 66.870 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013097.D
Acq: 27 Mar 2023 17:17

Tgt Ion: 65 Resp: 49799
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013097.D

Acq: 27 Mar 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-238

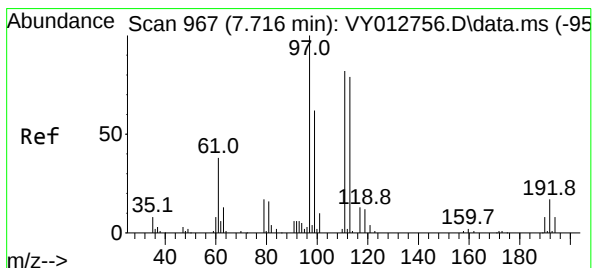
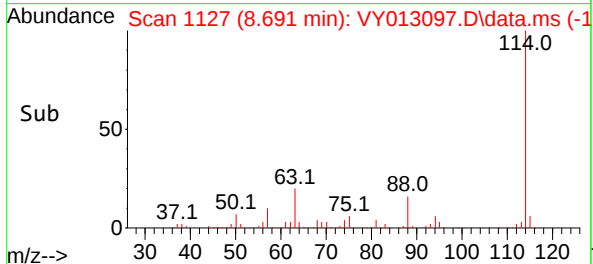
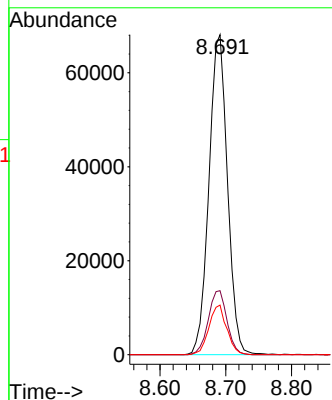
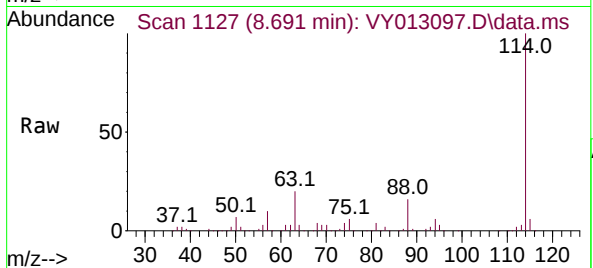
Tgt Ion:114 Resp: 133475

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 15.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 54.536 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013097.D

Acq: 27 Mar 2023 17:17

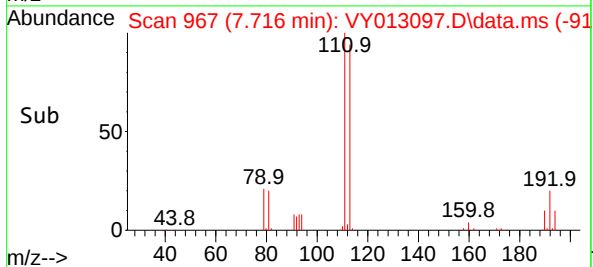
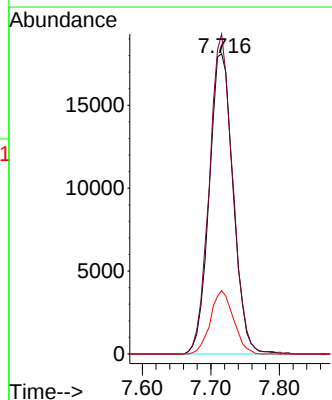
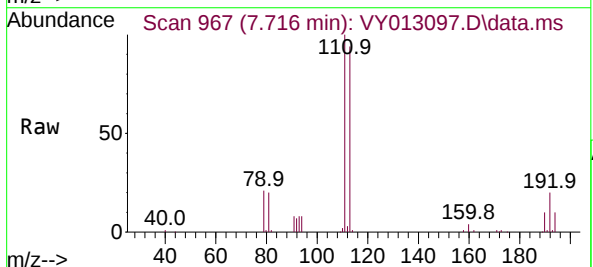
Tgt Ion:113 Resp: 43930

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.2

192 20.3 16.8 25.2

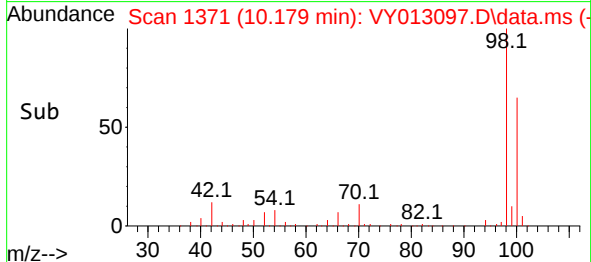
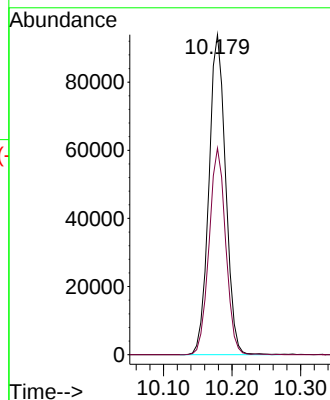
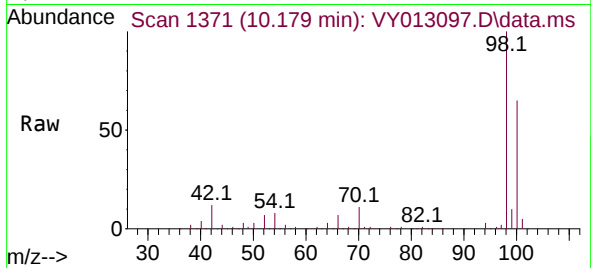




#50
Toluene-d8
Concen: 54.107 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013097.D
Acq: 27 Mar 2023 17:17

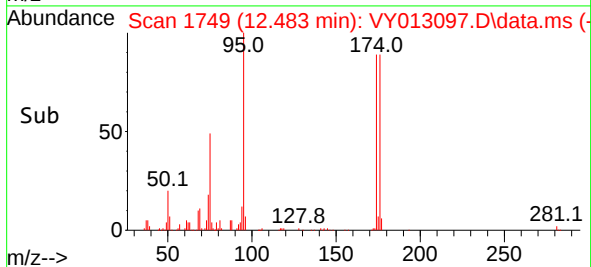
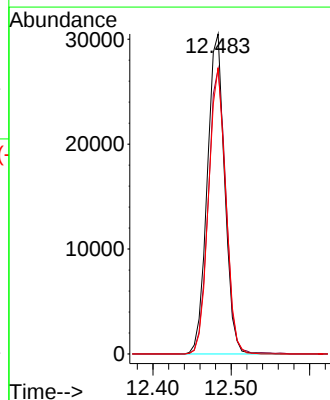
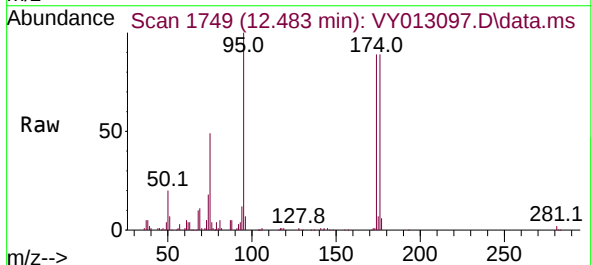
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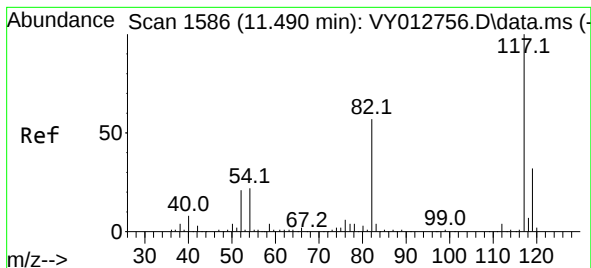
Tgt Ion: 98 Resp: 159334
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.285 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013097.D
Acq: 27 Mar 2023 17:17

Tgt Ion: 95 Resp: 46999
Ion Ratio Lower Upper
95 100
174 89.9 0.0 176.6
176 88.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013097.D

Acq: 27 Mar 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-238

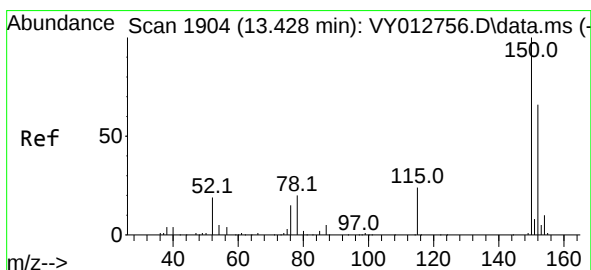
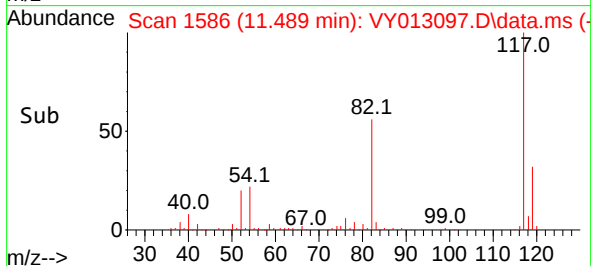
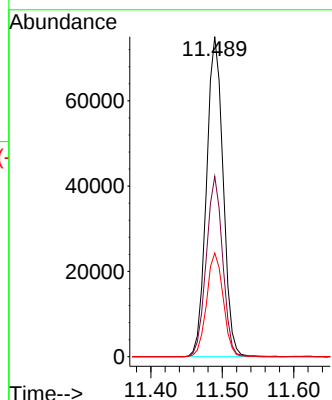
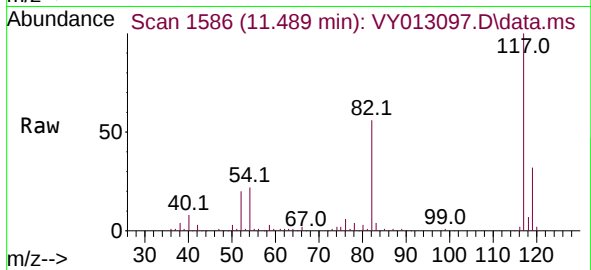
Tgt Ion:117 Resp: 121170

Ion Ratio Lower Upper

117 100

82 56.3 45.4 68.0

119 32.4 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013097.D

Acq: 27 Mar 2023 17:17

Tgt Ion:152 Resp: 51761

Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 158.5 0.0 347.8

