

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012402.D
 Acq On : 30 Jan 2023 16:58
 Operator : KP/MD
 Sample : 01354-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jan 31 01:48:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2698	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2225	89.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	179.540%#
35) Dibromofluoromethane	7.710	113	637	22.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.280%#
50) Toluene-d8	10.179	98	6677	70.256	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	140.520%#
62) 4-Bromofluorobenzene	12.483	95	2425	61.148	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.300%

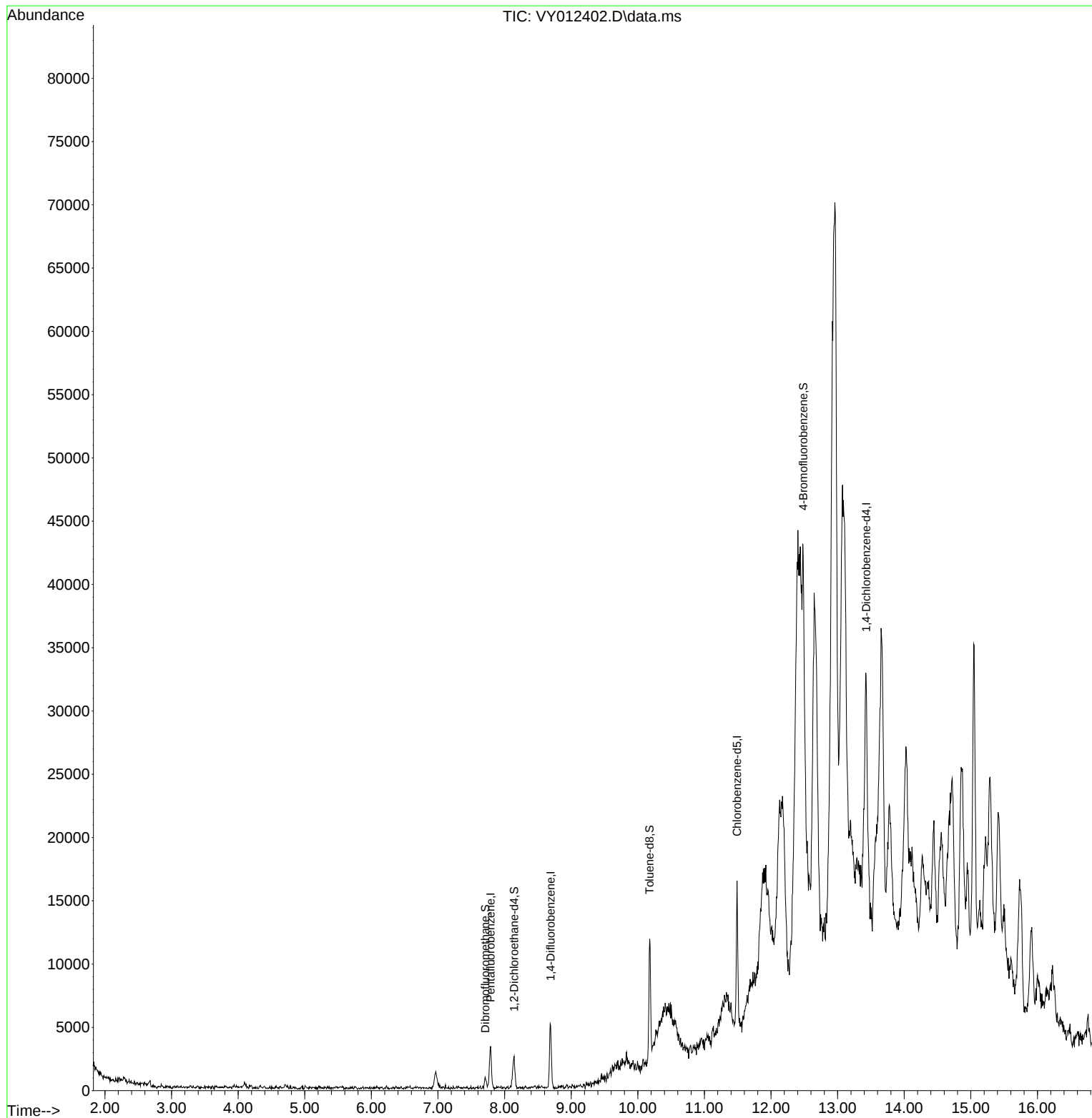
Target Compounds	Qvalue

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

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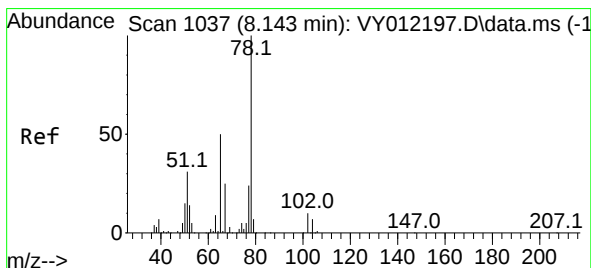
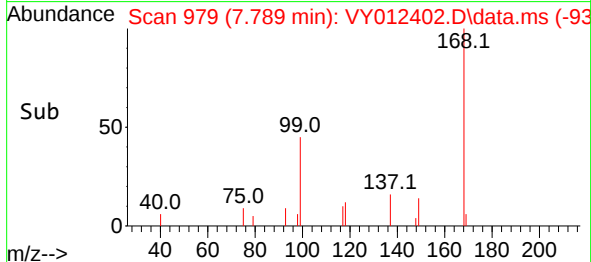
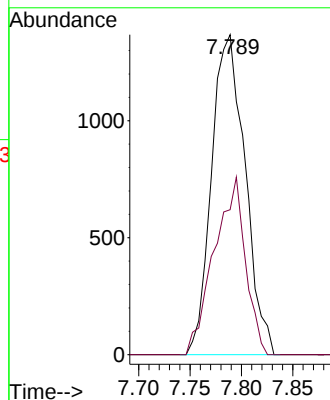
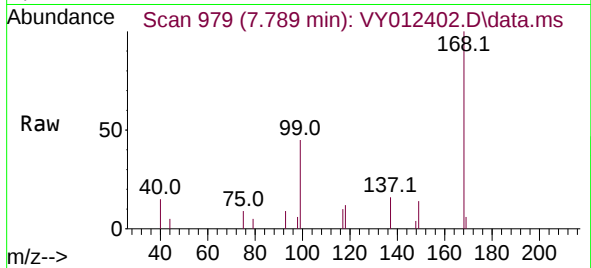




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012402.D
Acq: 30 Jan 2023 16:58

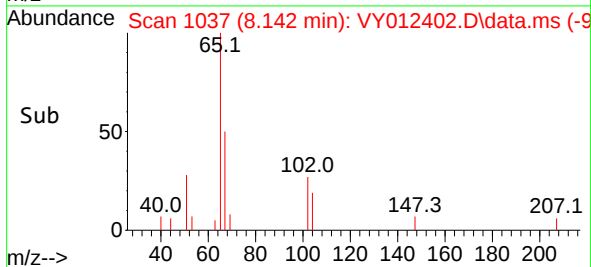
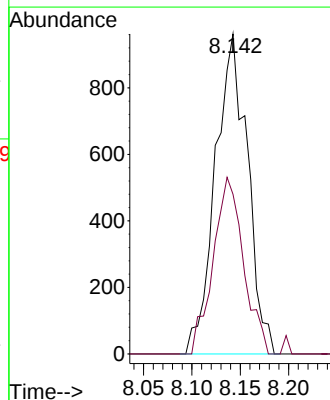
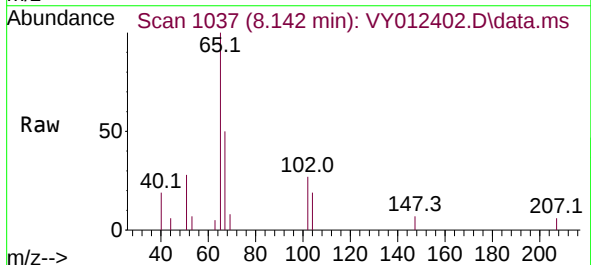
Instrument :
MSVOA_Y
ClientSampleId :
VOC

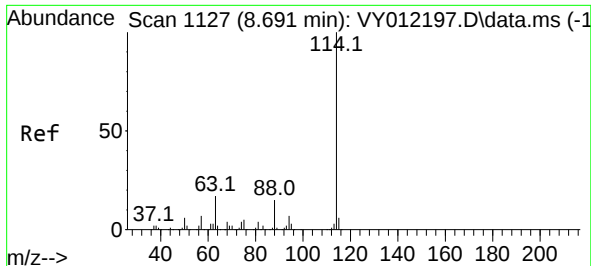
Tgt Ion:168 Resp: 3098
Ion Ratio Lower Upper
168 100
99 45.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 89.775 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012402.D
Acq: 30 Jan 2023 16:58

Tgt Ion: 65 Resp: 2225
Ion Ratio Lower Upper
65 100
67 52.0 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: VY012402.D

Acq: 30 Jan 2023 16:58

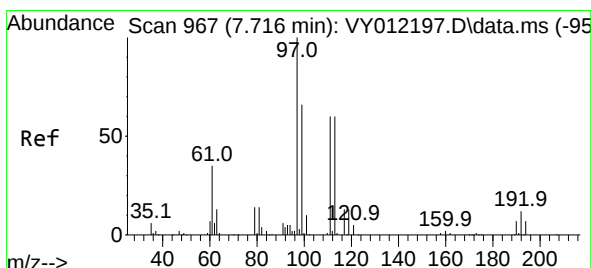
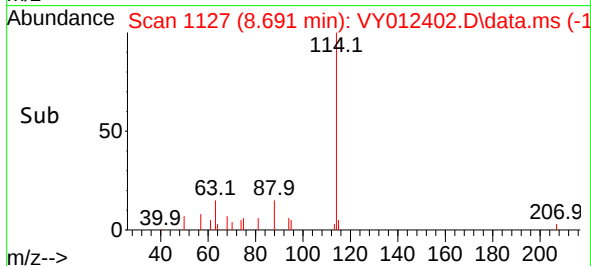
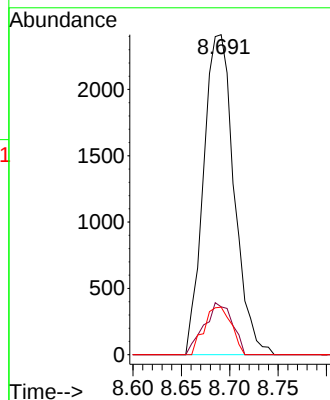
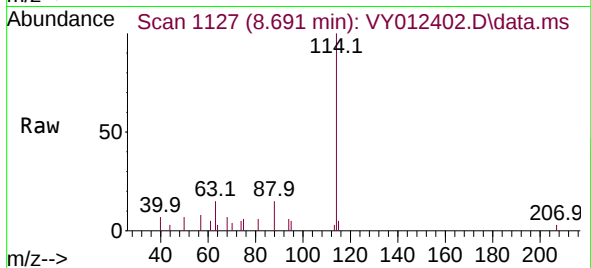
Instrument :

MSVOA_Y

ClientSampleId :

VOC

Tgt Ion:	114	Resp:	5313
Ion	Ratio	Lower	Upper
114	100		
63	15.0	0.0	39.6
88	14.9	0.0	32.2



#35

Dibromofluoromethane

Concen: 22.643 ug/l

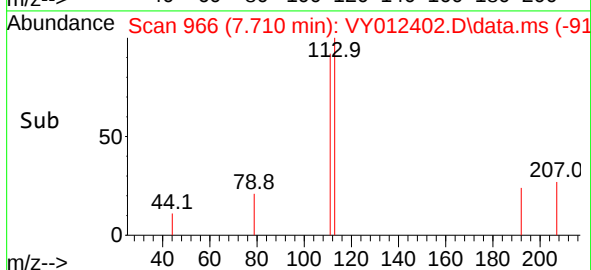
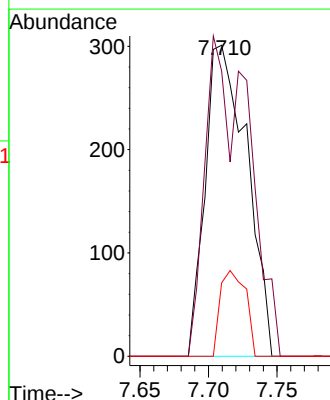
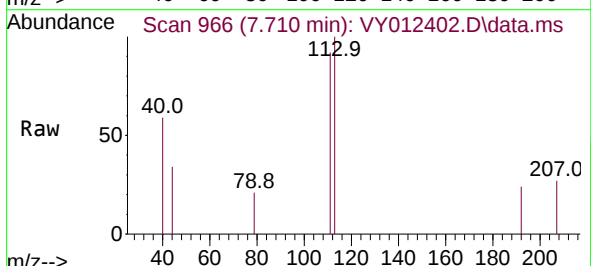
RT: 7.710 min Scan# 966

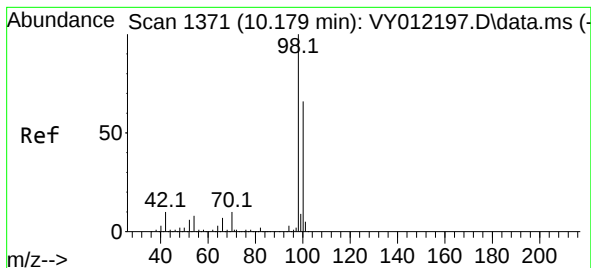
Delta R.T. -0.006 min

Lab File: VY012402.D

Acq: 30 Jan 2023 16:58

Tgt Ion:	113	Resp:	637
Ion	Ratio	Lower	Upper
113	100		
111	59.0	83.0	124.4#
192	16.6	16.0	24.0





#50

Toluene-d8

Concen: 70.256 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012402.D

Acq: 30 Jan 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

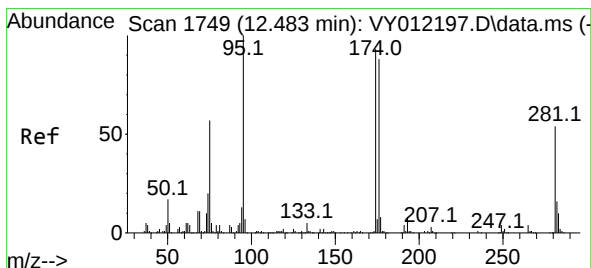
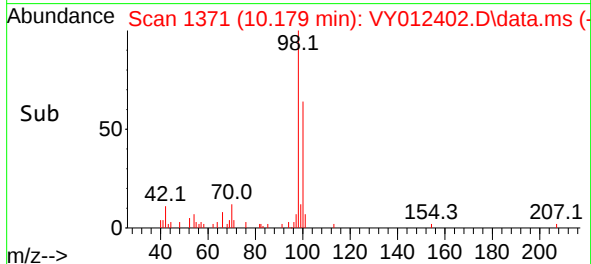
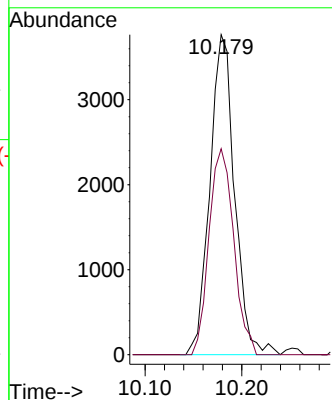
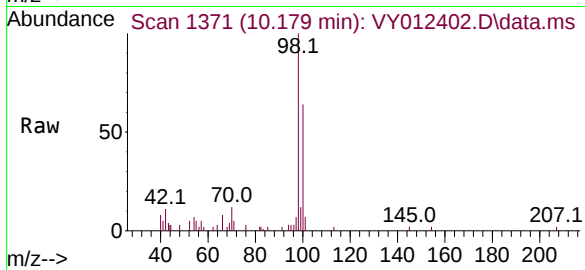
VOC

Tgt Ion: 98 Resp: 6677

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 61.148 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012402.D

Acq: 30 Jan 2023 16:58

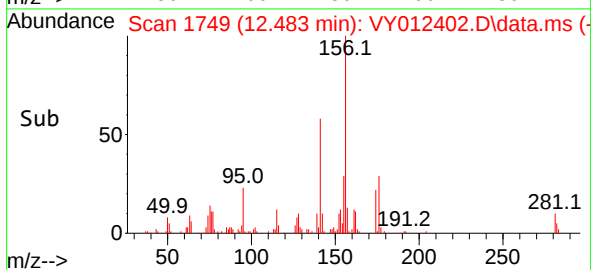
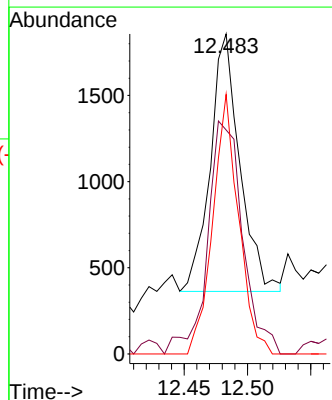
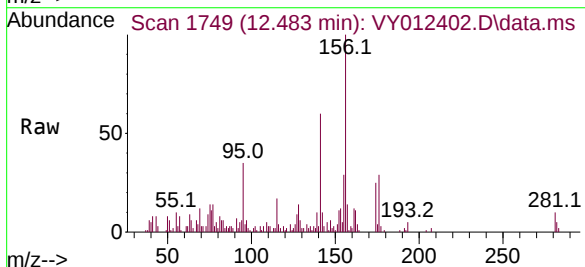
Tgt Ion: 95 Resp: 2425

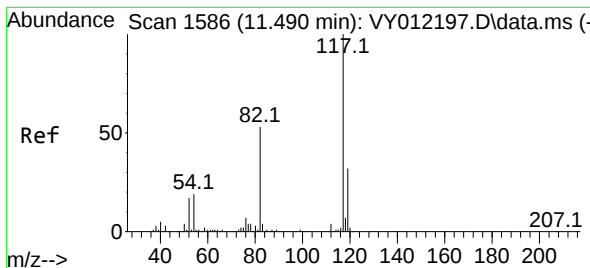
Ion Ratio Lower Upper

95 100

174 106.9 0.0 172.0

176 88.0 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: VY012402.D

Acq: 30 Jan 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VOC

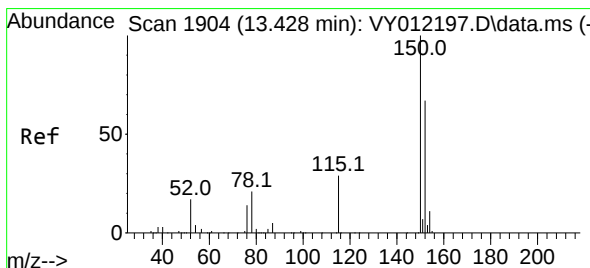
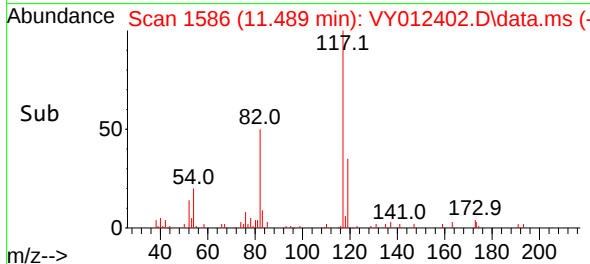
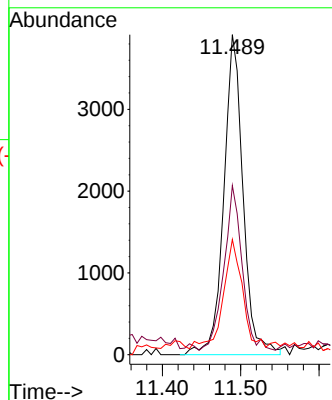
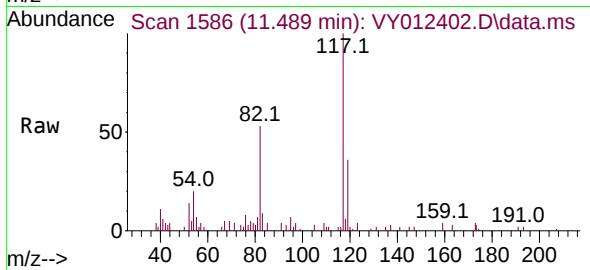
Tgt Ion:117 Resp: 6699

Ion Ratio Lower Upper

117 100

82 51.0 44.8 67.2

119 33.2 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: VY012402.D

Acq: 30 Jan 2023 16:58

Tgt Ion:152 Resp: 2698

Ion Ratio Lower Upper

152 100

115 45.3 29.1 87.3

150 128.8 0.0 342.6

