

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015671.D
 Acq On : 21 Sep 2023 12:52
 Operator : SY/MD
 Sample : 04364-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Sep 22 01:20:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	221638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115510	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	86794	58.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.080%
35) Dibromofluoromethane	7.716	113	74897	53.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.400%
50) Toluene-d8	10.179	98	283473	59.944	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	119.880%
62) 4-Bromofluorobenzene	12.483	95	104471	56.294	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.580%

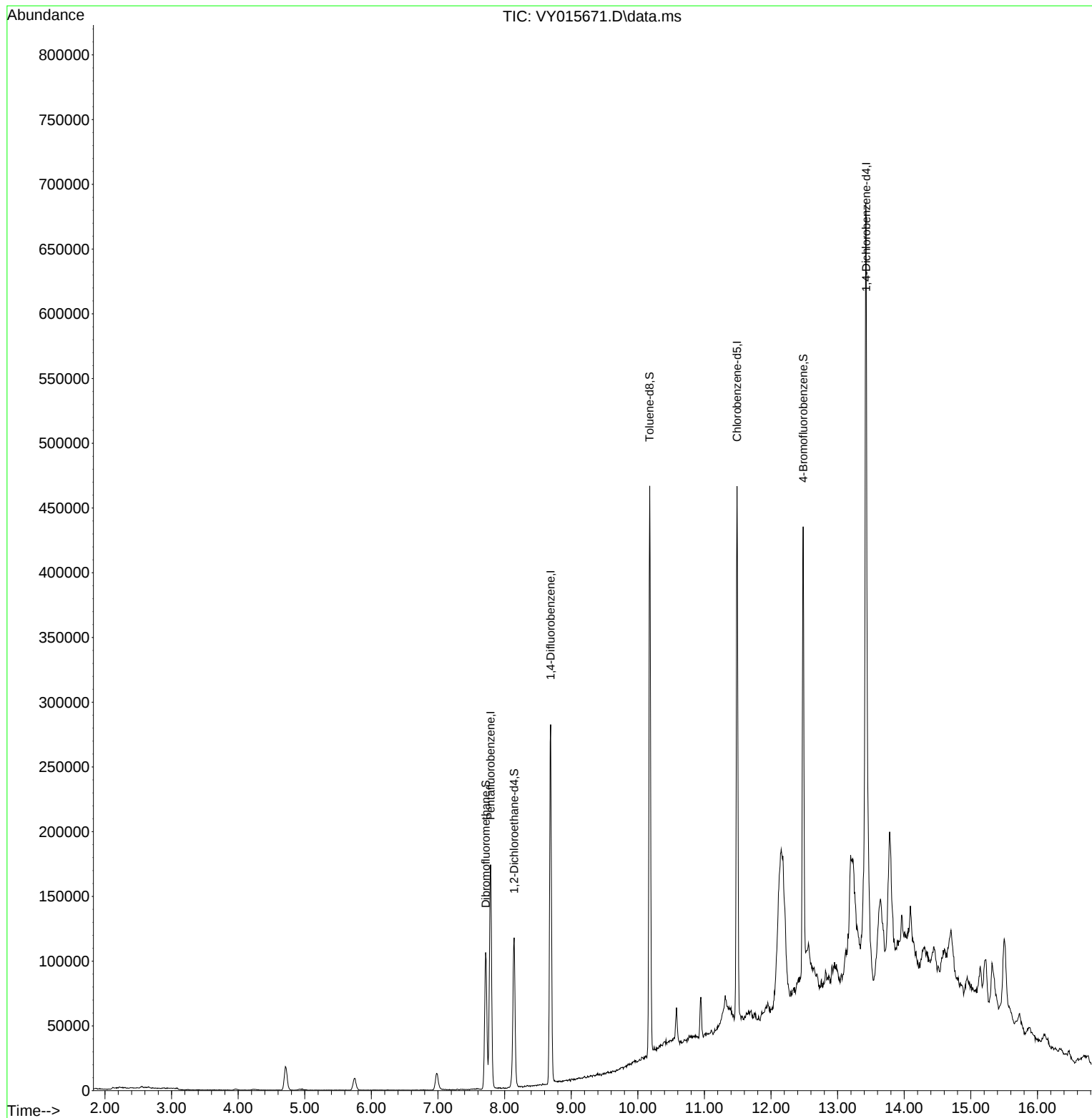
Target Compounds	Qvalue

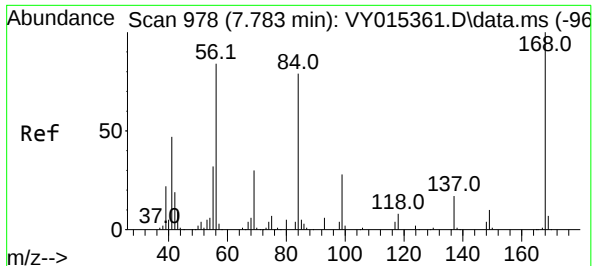
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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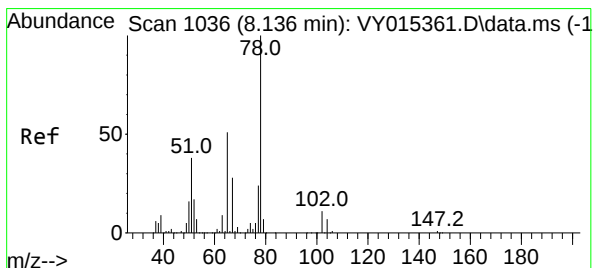
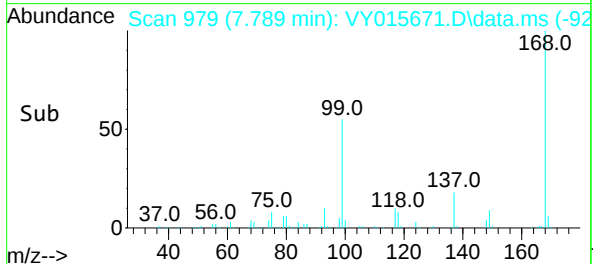
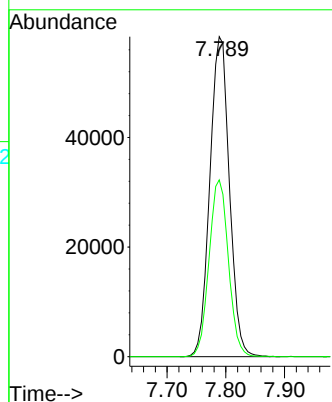
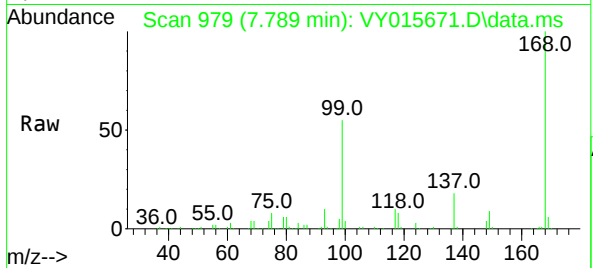




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015671.D
Acq: 21 Sep 2023 12:52

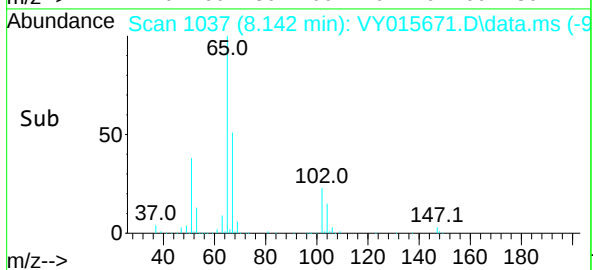
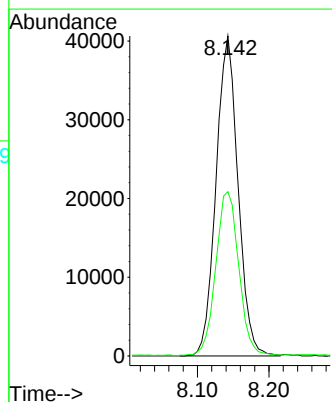
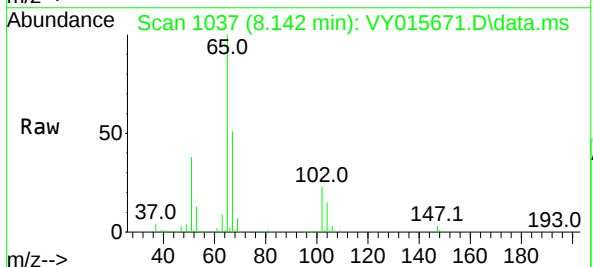
Instrument :
MSVOA_Y
ClientSampleId :
VOC

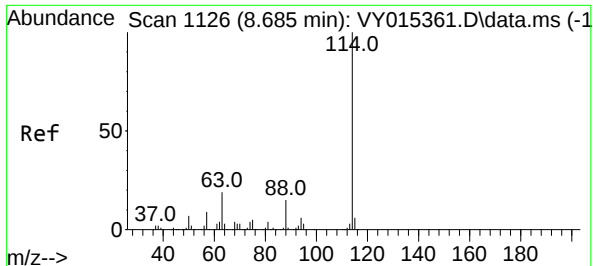
Tgt Ion:168 Resp: 134751
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.540 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015671.D
Acq: 21 Sep 2023 12:52

Tgt Ion: 65 Resp: 86794
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015671.D

Acq: 21 Sep 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VOC

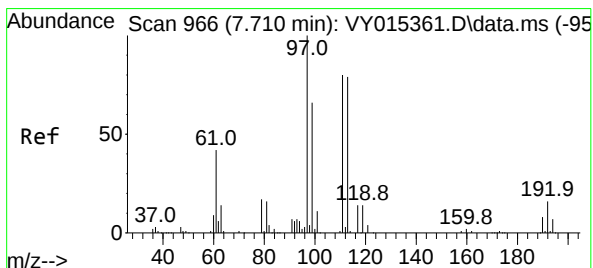
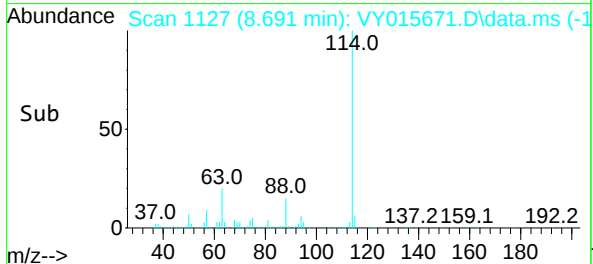
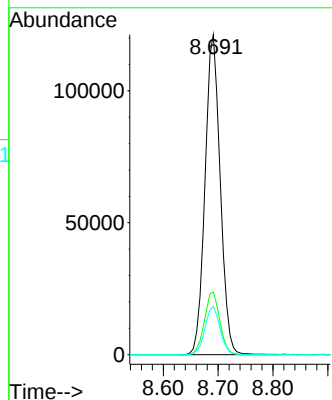
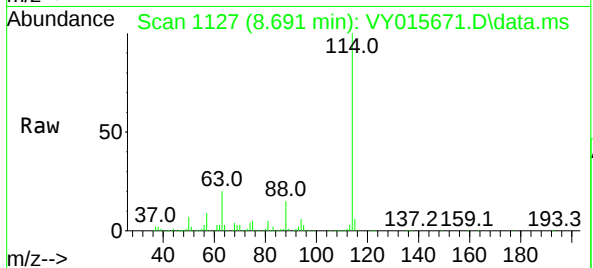
Tgt Ion:114 Resp: 233020

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.701 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015671.D

Acq: 21 Sep 2023 12:52

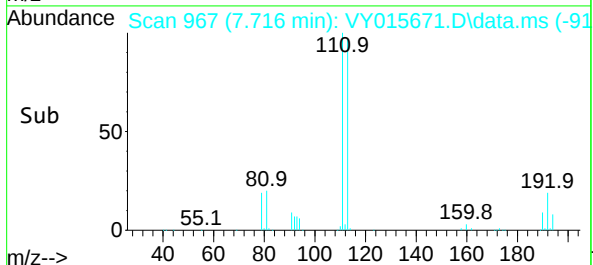
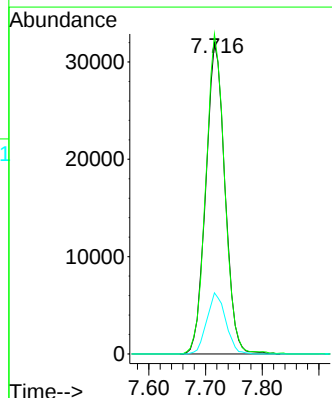
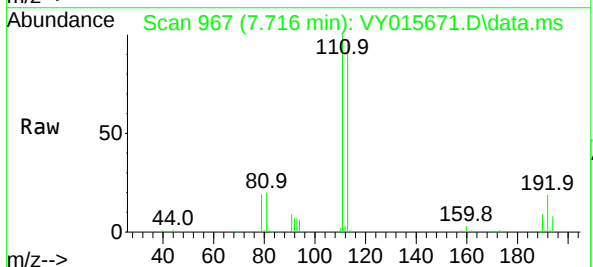
Tgt Ion:113 Resp: 74897

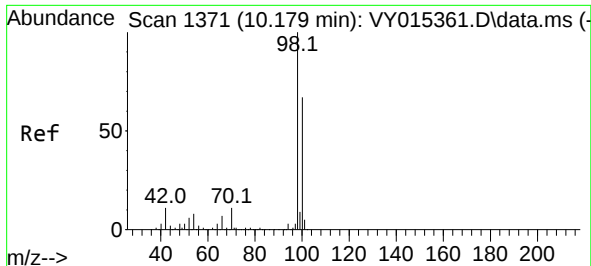
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 19.4 16.9 25.3

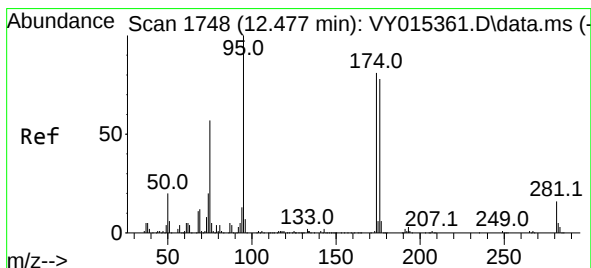
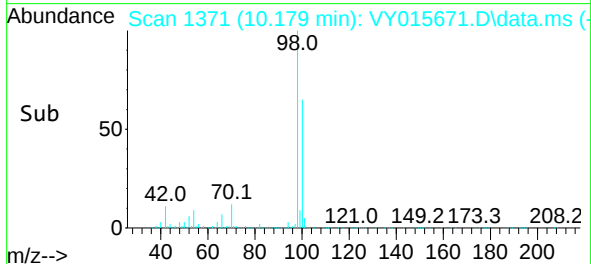
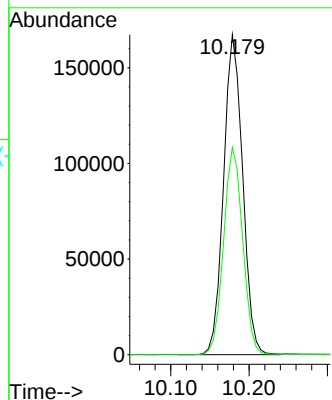
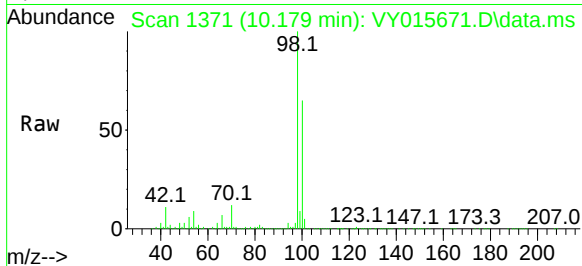




#50
Toluene-d8
Concen: 59.944 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015671.D
Acq: 21 Sep 2023 12:52

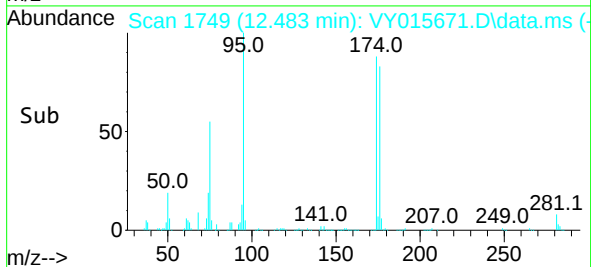
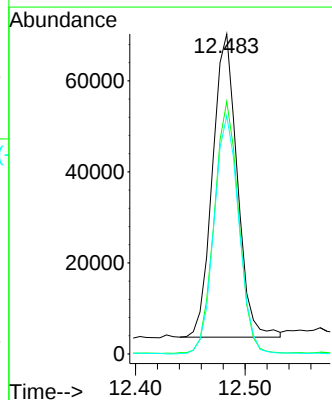
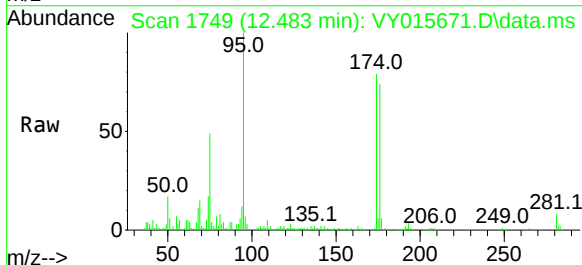
Instrument :
MSVOA_Y
ClientSampleId :
VOC

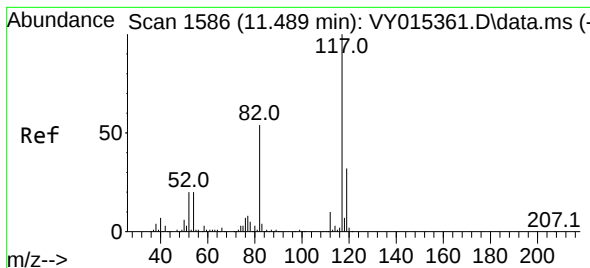
Tgt Ion: 98 Resp: 283473
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.294 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015671.D
Acq: 21 Sep 2023 12:52

Tgt Ion: 95 Resp: 104471
Ion Ratio Lower Upper
95 100
174 82.0 0.0 178.2
176 79.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015671.D

Acq: 21 Sep 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VOC

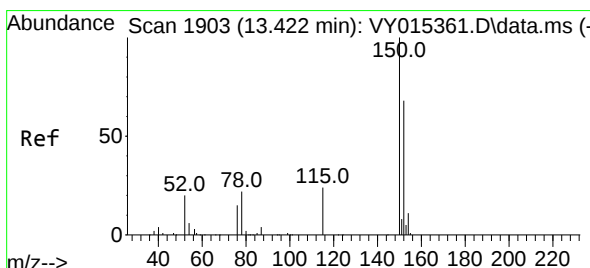
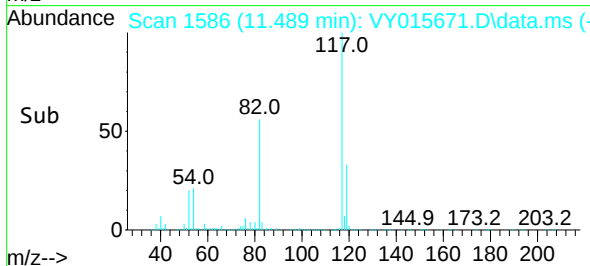
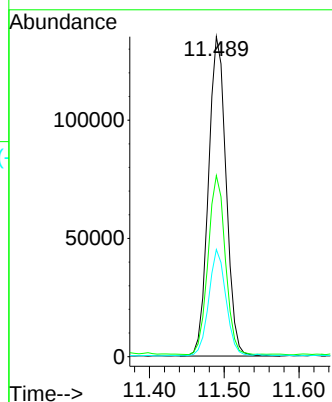
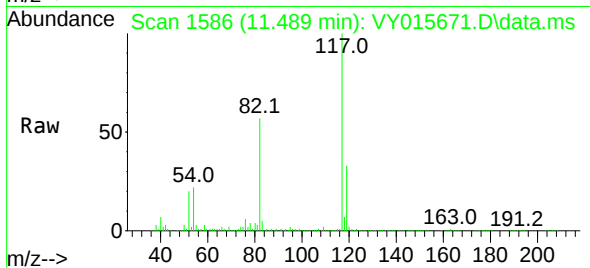
Tgt Ion:117 Resp: 221638

Ion Ratio Lower Upper

117 100

82 56.0 43.4 65.0

119 33.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015671.D

Acq: 21 Sep 2023 12:52

Tgt Ion:152 Resp: 115510

Ion Ratio Lower Upper

152 100

115 55.6 28.8 86.5

150 148.6 0.0 348.8

