

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014320.D
 Acq On : 21 Jun 2023 06:44
 Operator : KP/MD
 Sample : 03329-12
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW03-8-15-GRAB-7

Quant Time: Jun 21 07:48:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	31497	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	40772	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	31274	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	11249	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	15142	34.523	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.040%
35) Dibromofluoromethane	7.734	113	12611	43.615	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.220%
50) Toluene-d8	10.191	98	47227	43.688	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.380%
62) 4-Bromofluorobenzene	12.489	95	10280	26.771	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.540%

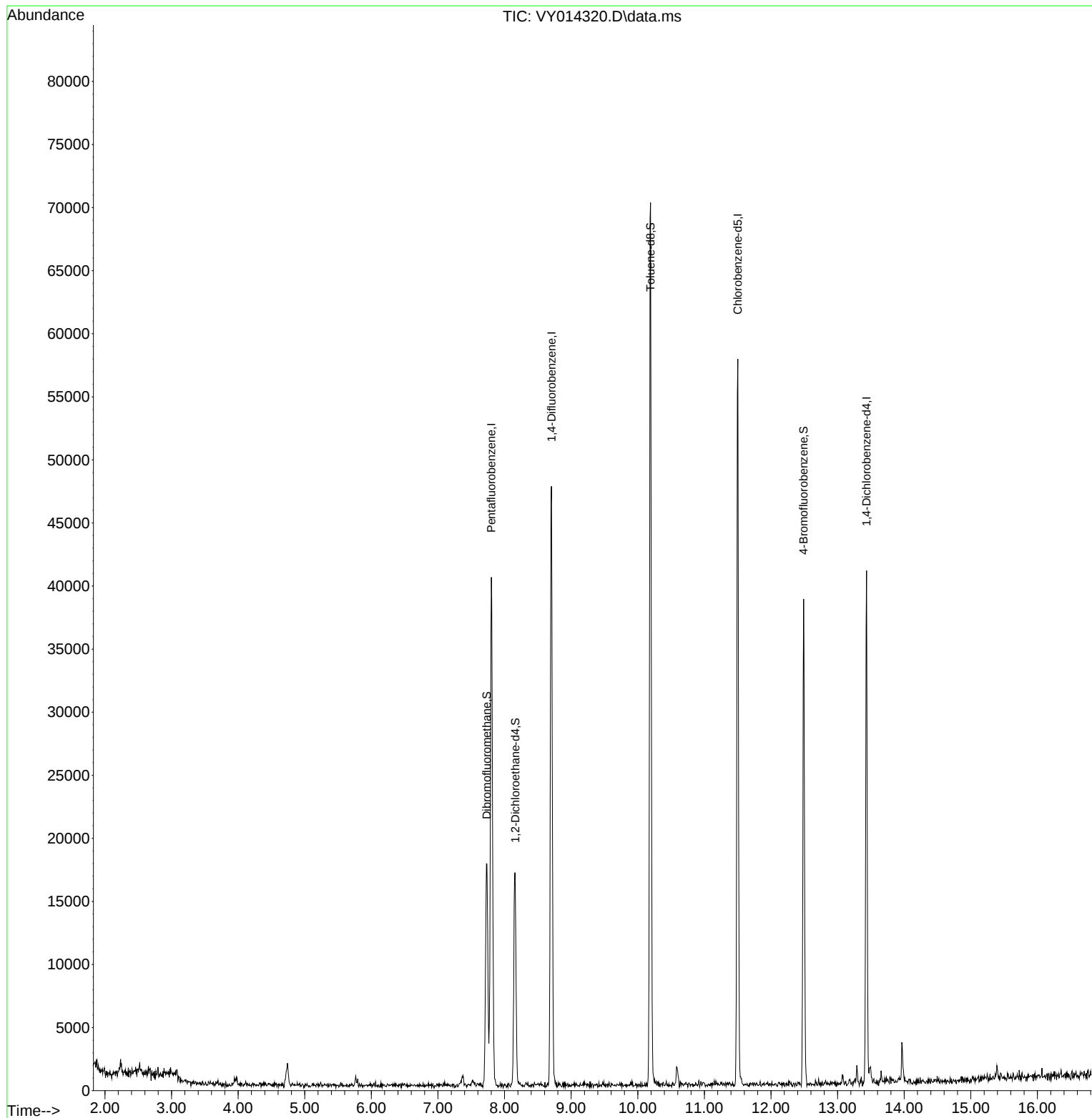
Target Compounds	Qvalue

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

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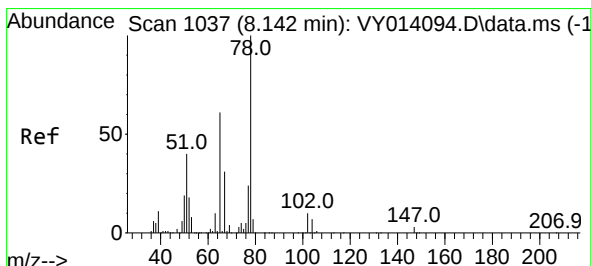
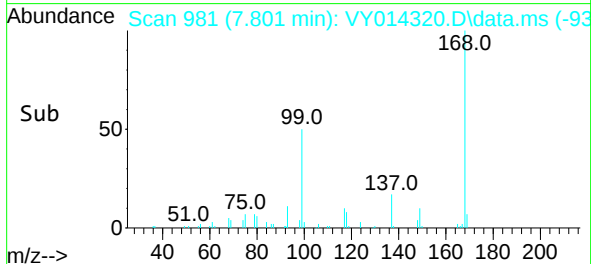
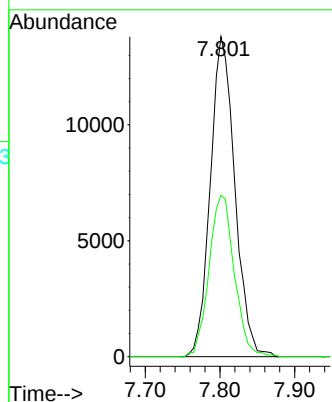
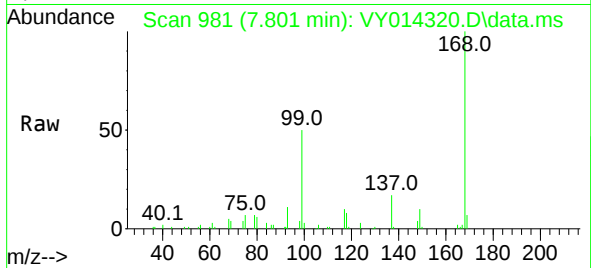




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014320.D
Acq: 21 Jun 2023 06:44

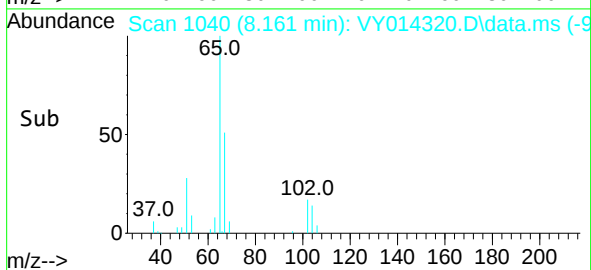
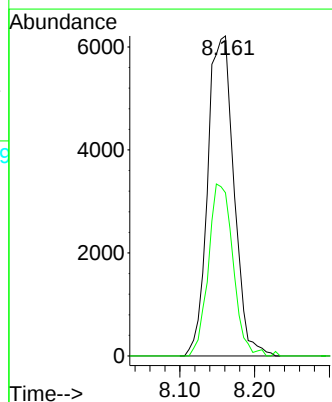
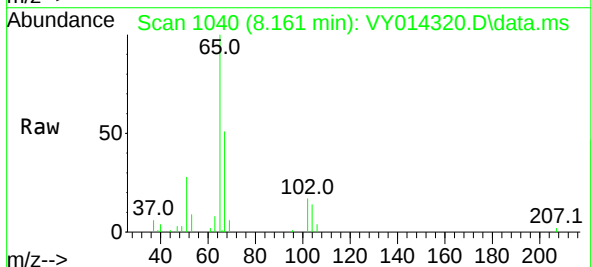
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-8-15-GRAB-7

Tgt Ion:168 Resp: 31497
Ion Ratio Lower Upper
168 100
99 50.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 34.523 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.019 min
Lab File: VY014320.D
Acq: 21 Jun 2023 06:44

Tgt Ion: 65 Resp: 15142
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1127

Delta R.T. 0.013 min

Lab File: VY014320.D

Acq: 21 Jun 2023 06:44

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW03-8-15-GRAB-7

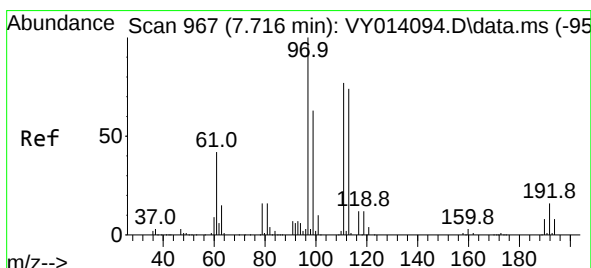
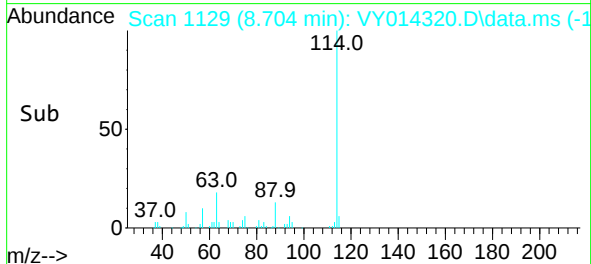
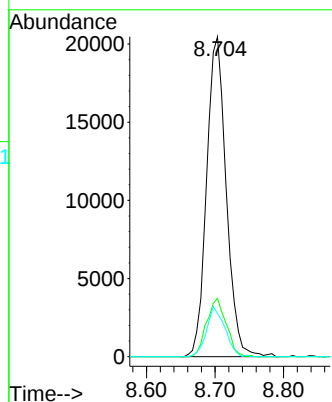
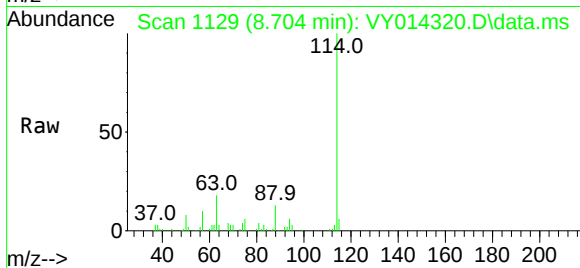
Tgt Ion:114 Resp: 40772

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 13.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 43.615 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY014320.D

Acq: 21 Jun 2023 06:44

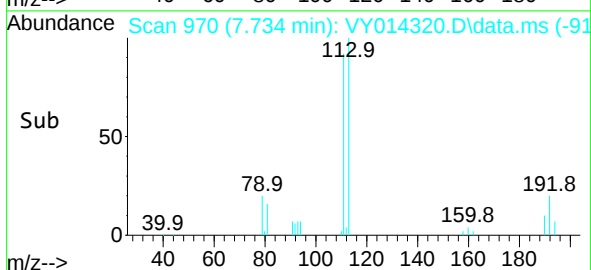
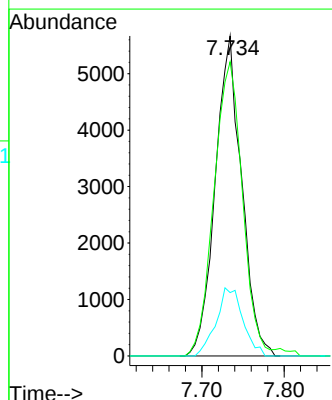
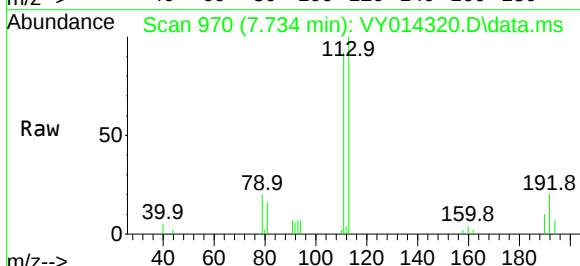
Tgt Ion:113 Resp: 12611

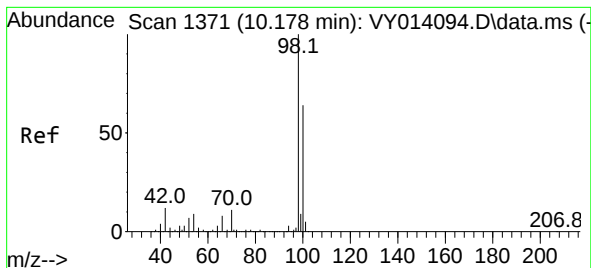
Ion Ratio Lower Upper

113 100

111 100.6 81.3 121.9

192 21.5 16.9 25.3





#50

Toluene-d8

Concen: 43.688 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY014320.D

Acq: 21 Jun 2023 06:44

Instrument :

MSVOA_Y

ClientSampleId :

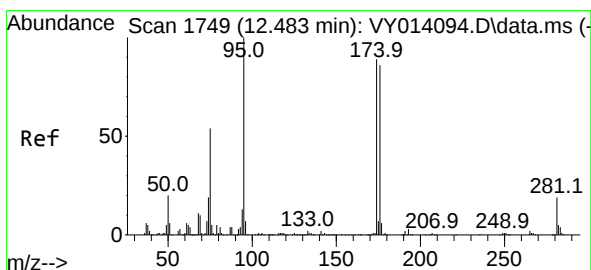
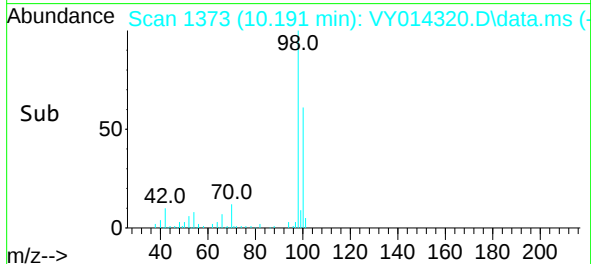
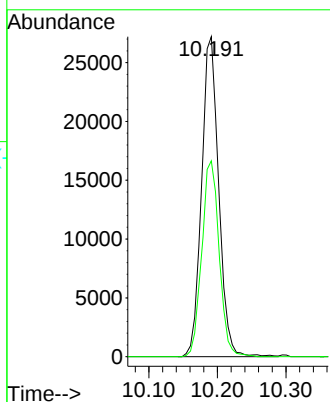
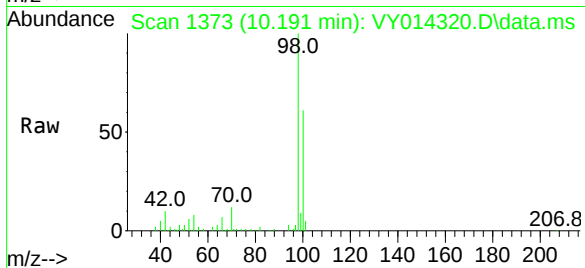
TOTAL-VOC-SW03-8-15-GRAB-7

Tgt Ion: 98 Resp: 47227

Ion Ratio Lower Upper

98 100

100 62.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 26.771 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY014320.D

Acq: 21 Jun 2023 06:44

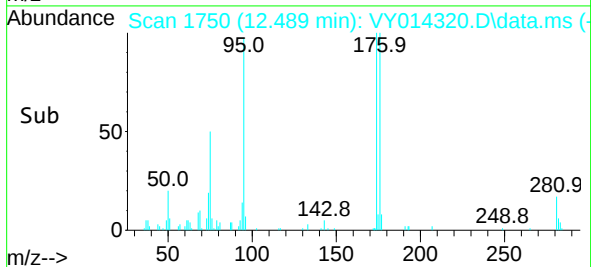
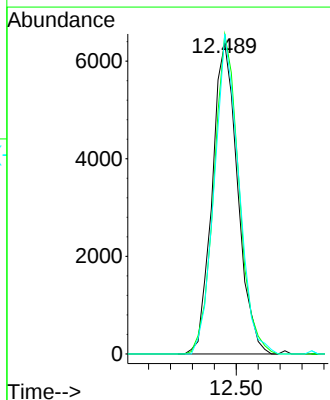
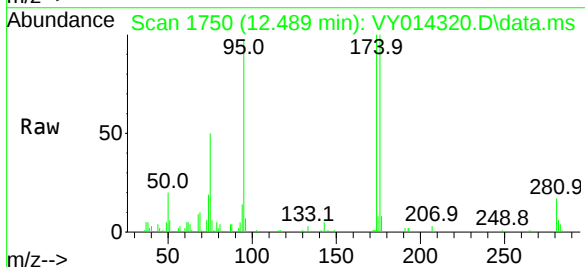
Tgt Ion: 95 Resp: 10280

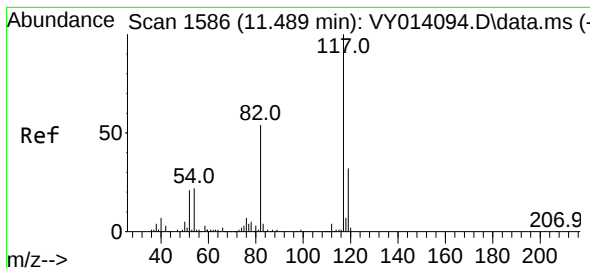
Ion Ratio Lower Upper

95 100

174 100.7 0.0 178.2

176 98.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY014320.D

Acq: 21 Jun 2023 06:44

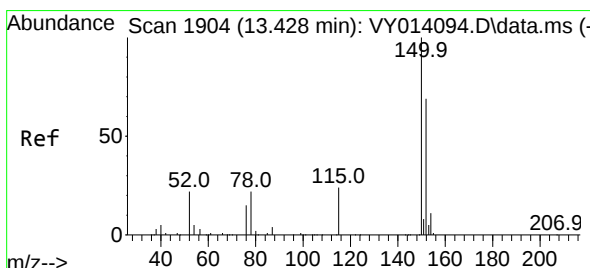
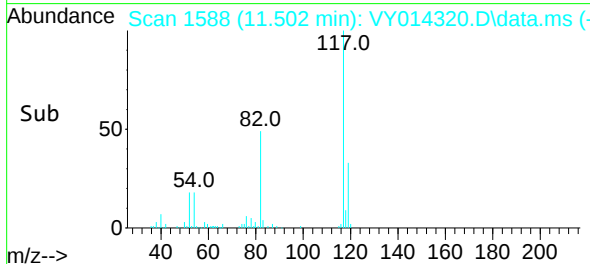
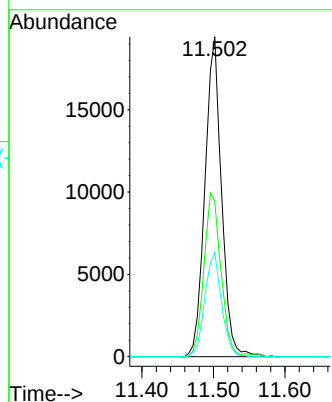
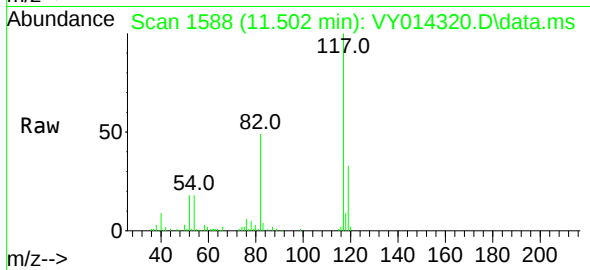
Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW03-8-15-GRAB-7

Tgt Ion:117	Resp:	31274
Ion	Ratio	Lower Upper
117	100	
82	48.6	43.4 65.0
119	32.7	26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY014320.D

Acq: 21 Jun 2023 06:44

Tgt Ion:152	Resp:	11249
Ion	Ratio	Lower Upper
152	100	
115	53.2	28.8 86.5
150	152.6	0.0 348.8

