

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017186.D
 Acq On : 02 Feb 2024 16:01
 Operator : SY/MD
 Sample : P1307-04
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-614-VOC-01

Quant Time: Feb 02 22:31:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	80608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	176139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	39125	54.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.660%
35) Dibromofluoromethane	7.722	113	42717	45.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.140%
50) Toluene-d8	10.185	98	155781	45.143	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.280%
62) 4-Bromofluorobenzene	12.489	95	50556	44.723	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.440%

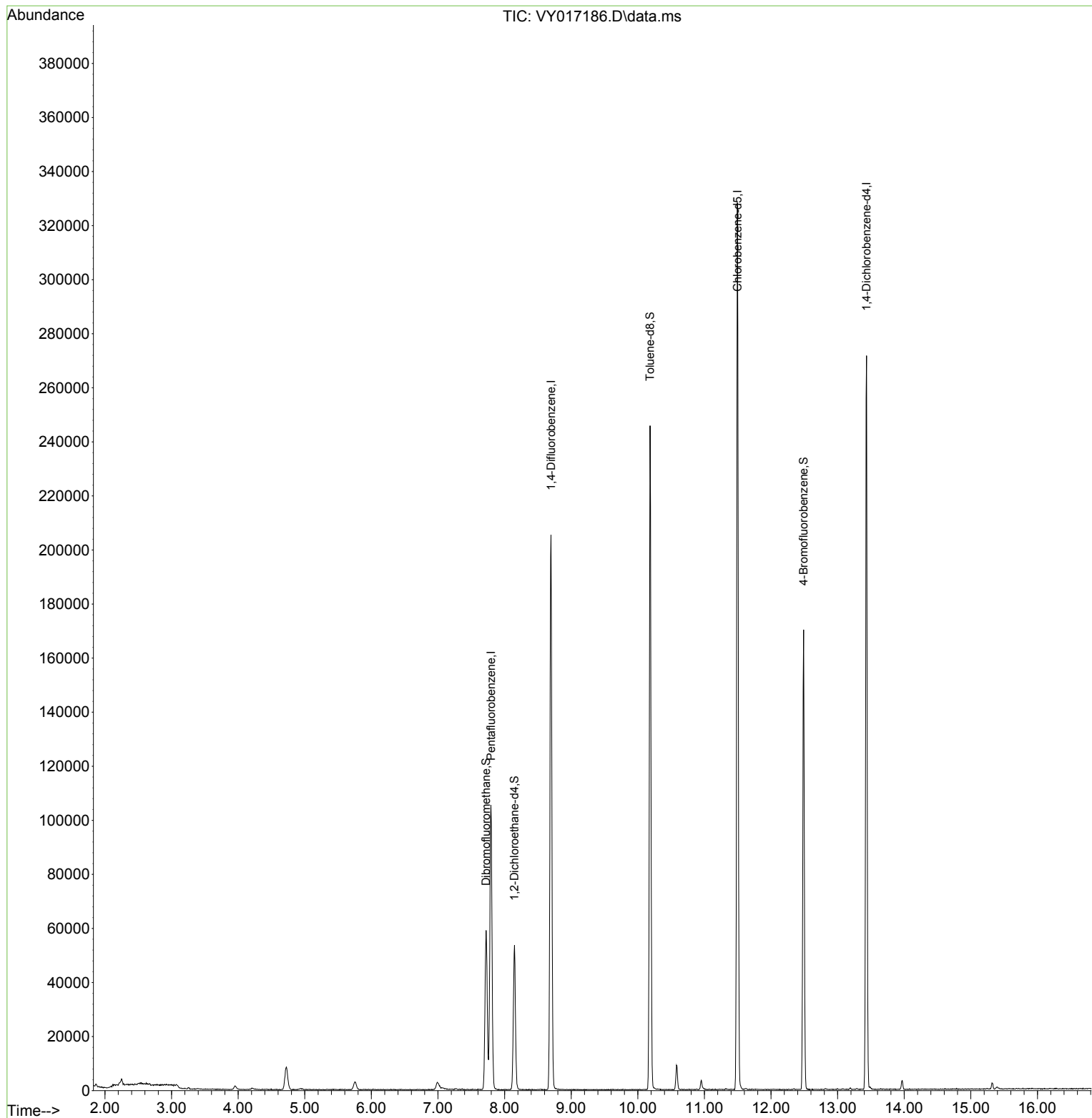
Target Compounds	Qvalue

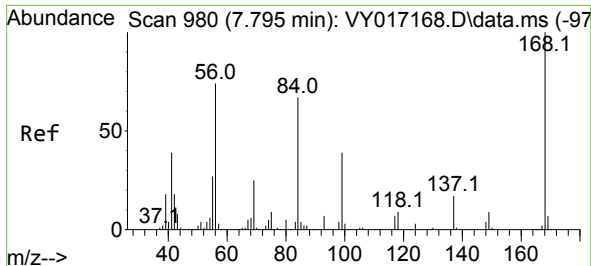
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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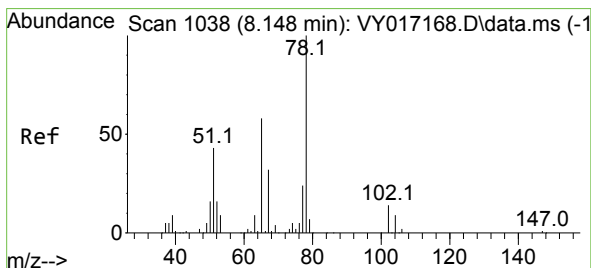
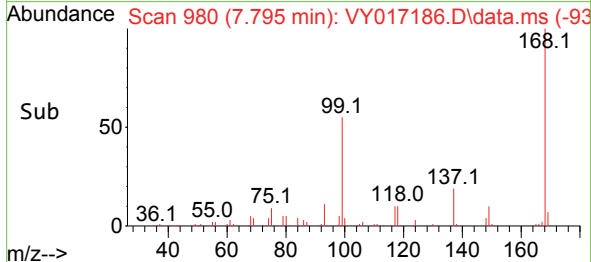
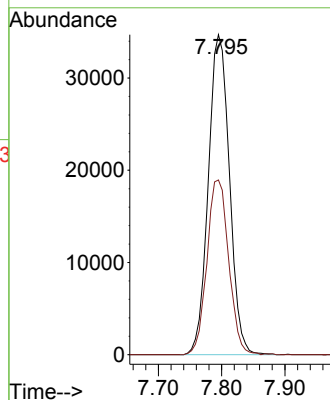
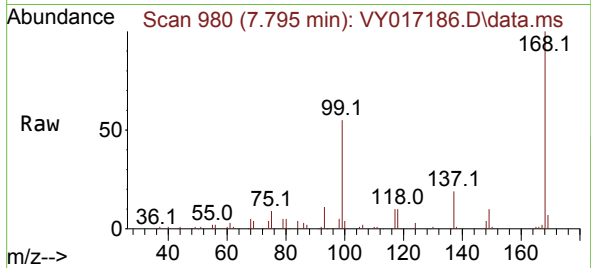




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

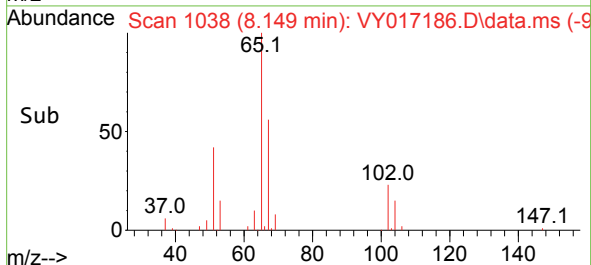
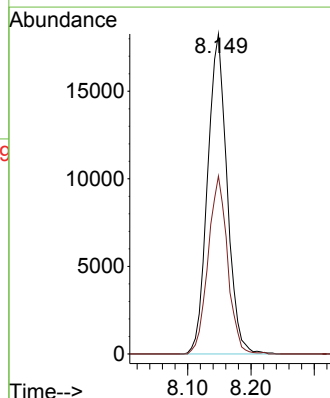
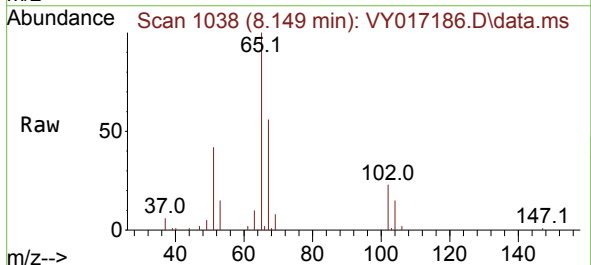
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-01

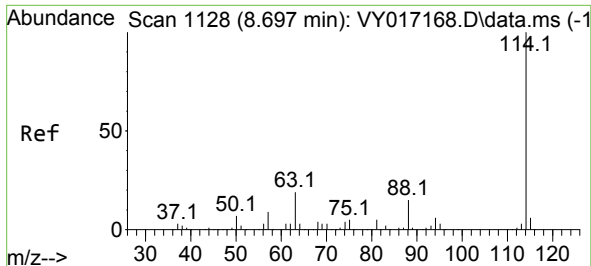
Tgt Ion:168 Resp: 80608
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 54.333 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017186.D
Acq: 02 Feb 2024 16:01

Tgt Ion: 65 Resp: 39125
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017186.D

Acq: 02 Feb 2024 16:01

Instrument :

MSVOA_Y

ClientSampleId :

TR-614-VOC-01

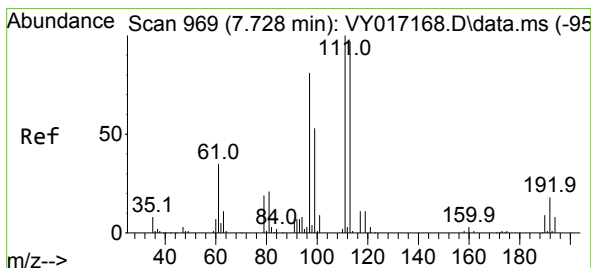
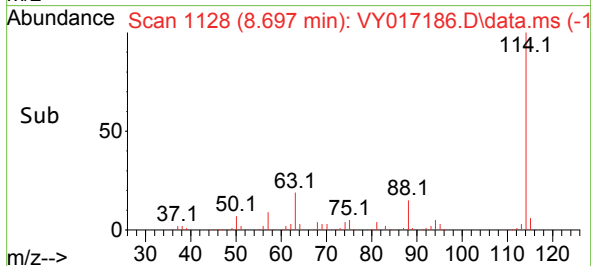
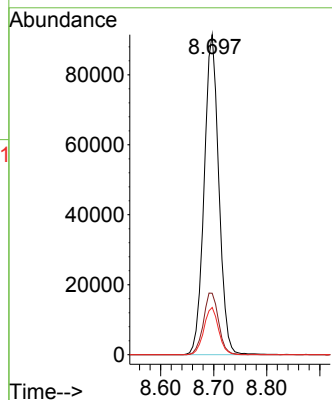
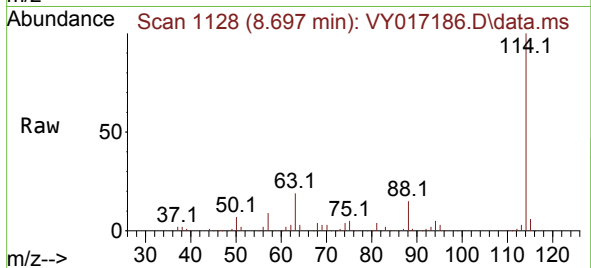
Tgt Ion:114 Resp: 175538

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 45.070 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017186.D

Acq: 02 Feb 2024 16:01

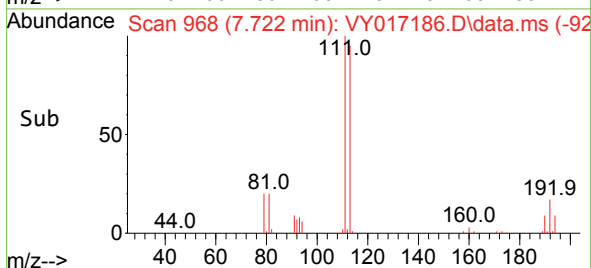
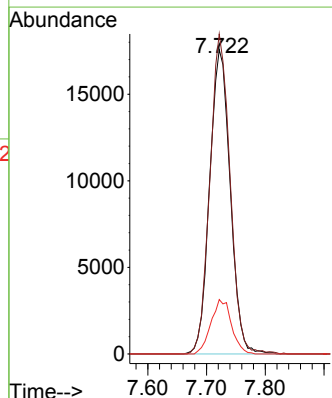
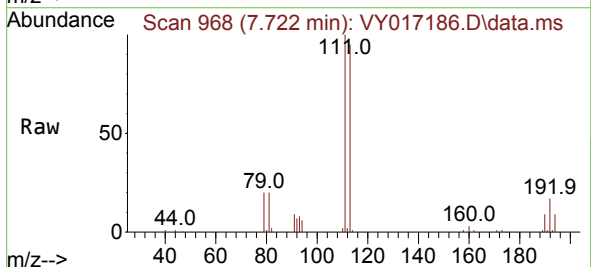
Tgt Ion:113 Resp: 42717

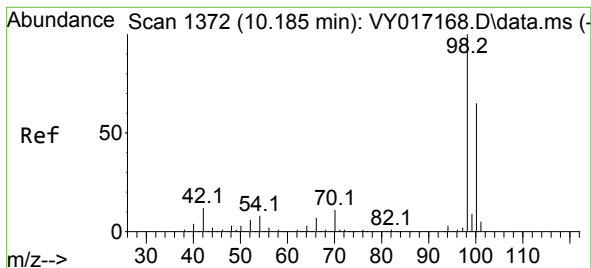
Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 17.9 14.5 21.7





#50

Toluene-d8

Concen: 45.143 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017186.D

Acq: 02 Feb 2024 16:01

Instrument :

MSVOA_Y

ClientSampleId :

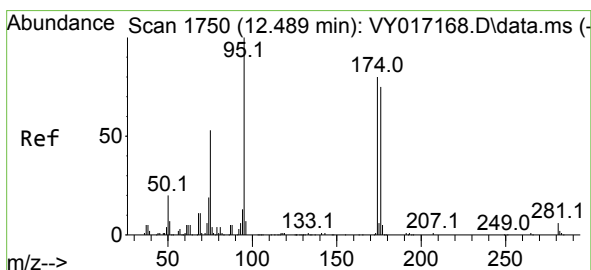
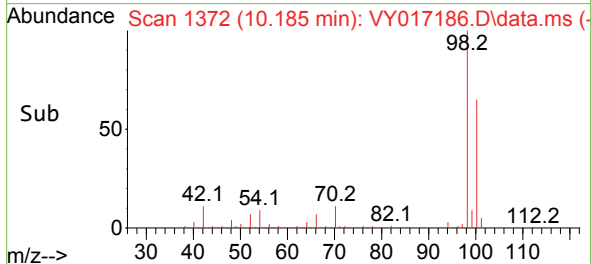
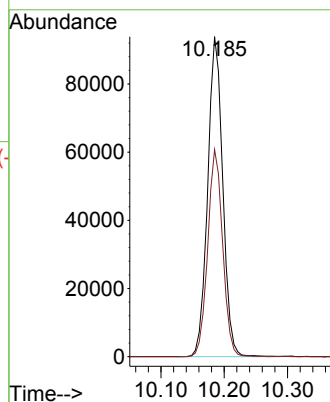
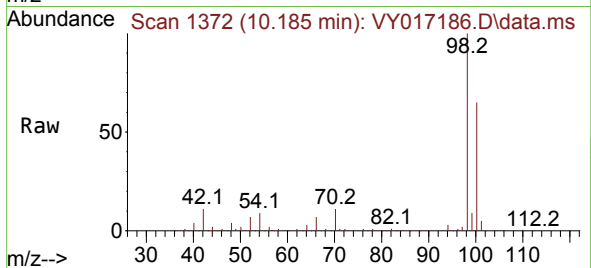
TR-614-VOC-01

Tgt Ion: 98 Resp: 155781

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 44.723 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017186.D

Acq: 02 Feb 2024 16:01

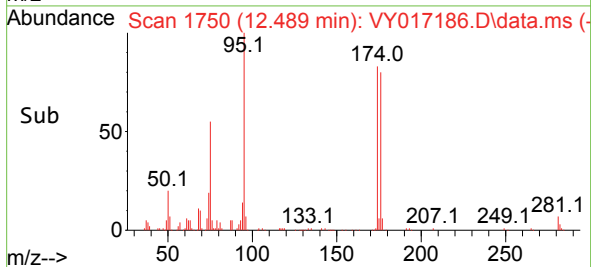
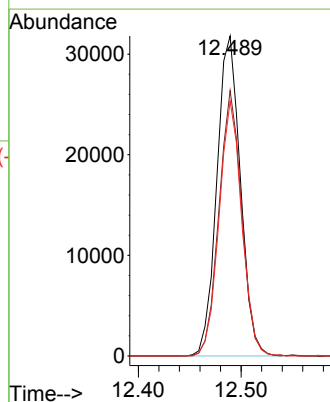
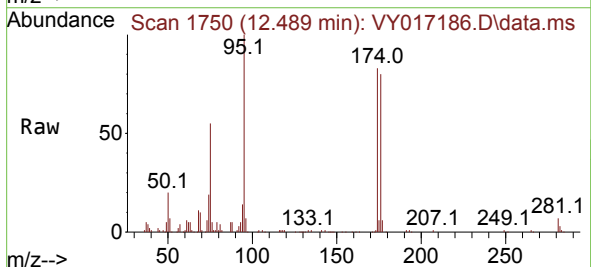
Tgt Ion: 95 Resp: 50556

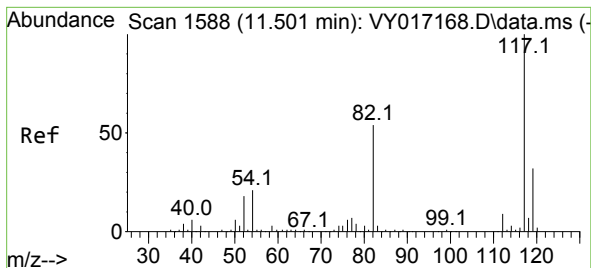
Ion Ratio Lower Upper

95 100

174 79.9 0.0 160.0

176 76.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017186.D

Acq: 02 Feb 2024 16:01

Instrument :

MSVOA_Y

ClientSampleId :

TR-614-VOC-01

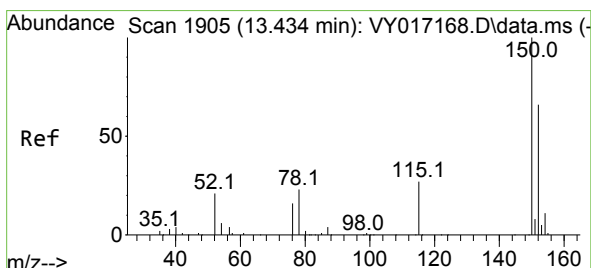
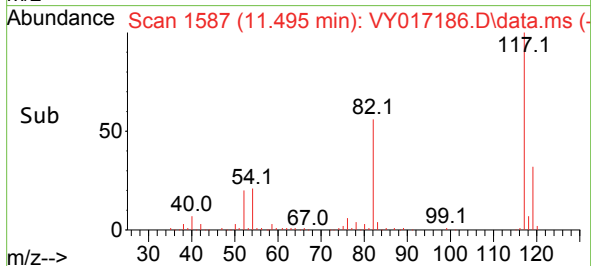
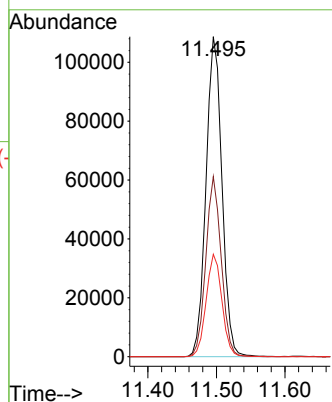
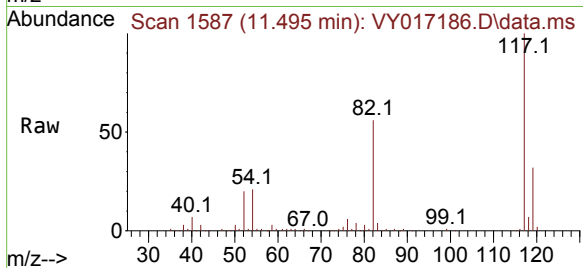
Tgt Ion:117 Resp: 176139

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 32.0 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017186.D

Acq: 02 Feb 2024 16:01

Tgt Ion:152 Resp: 68080

Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 156.5 0.0 344.6

