

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017232.D
 Acq On : 05 Feb 2024 16:27
 Operator : SY/MD
 Sample : P1362-07
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

Quant Time: Feb 06 01:01:40 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	4885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	6594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	387	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	931	21.334	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.660%#
35) Dibromofluoromethane	7.728	113	1280	35.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.900%
50) Toluene-d8	10.185	98	5400	41.657	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.320%
62) 4-Bromofluorobenzene	12.489	95	545	12.834	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	25.660%#

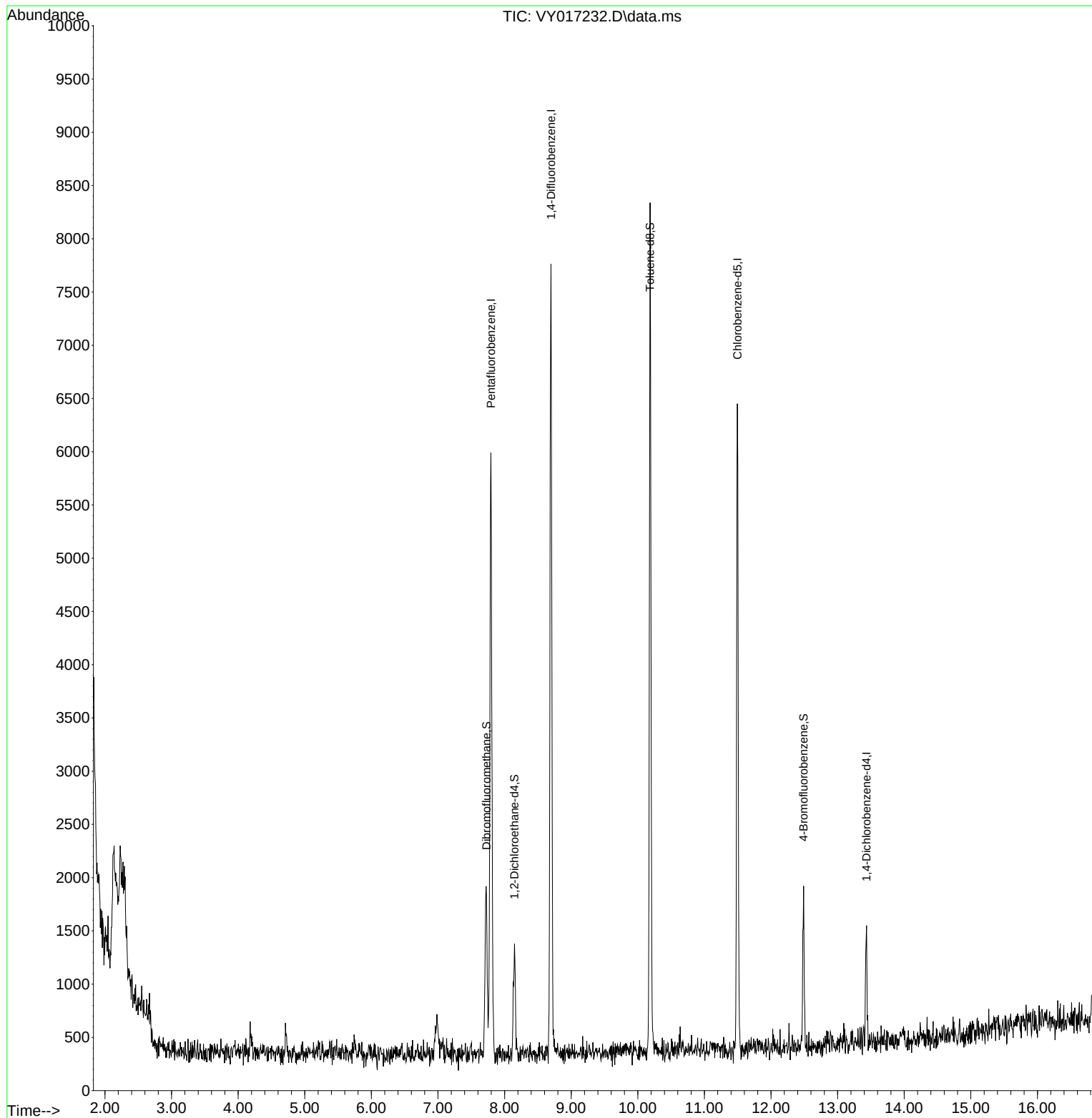
Target Compounds	Qvalue

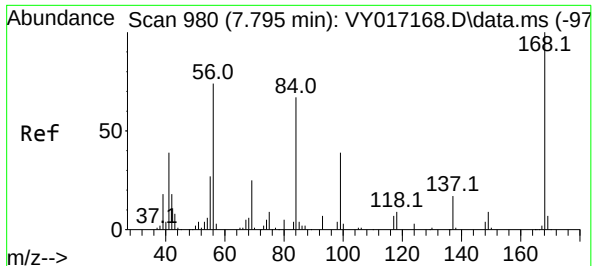
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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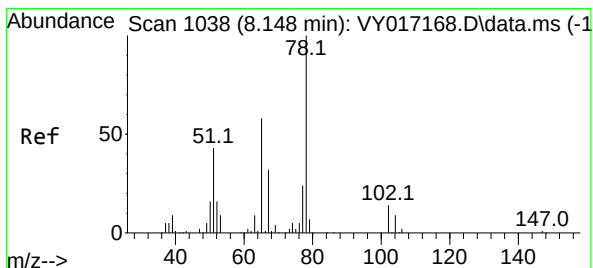
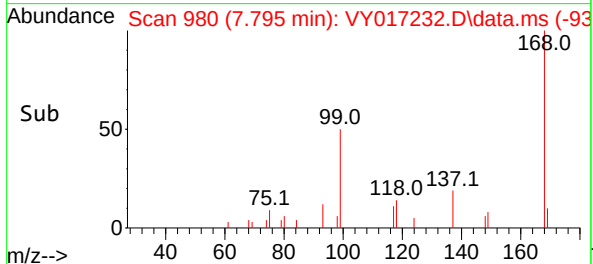
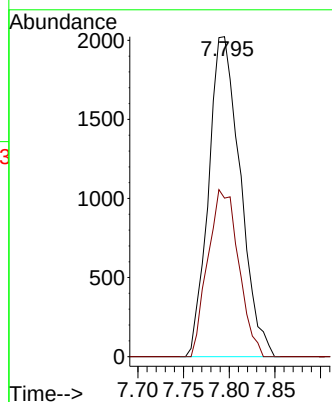
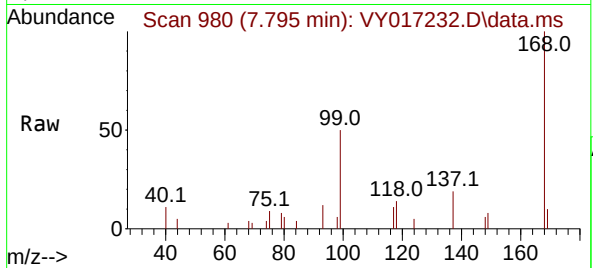




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017232.D
Acq: 05 Feb 2024 16:27

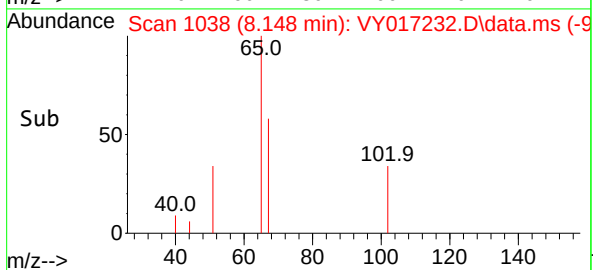
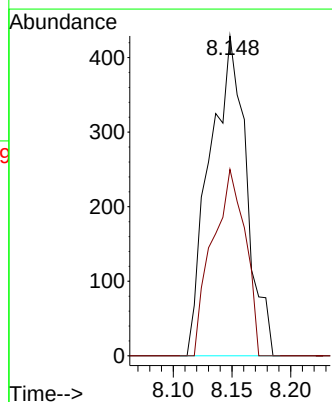
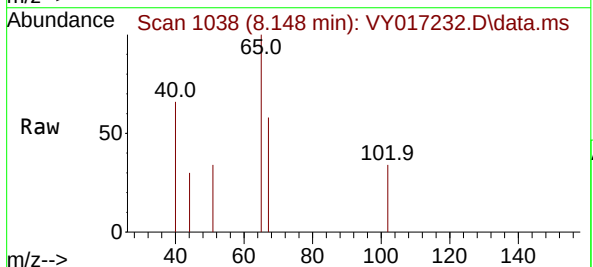
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

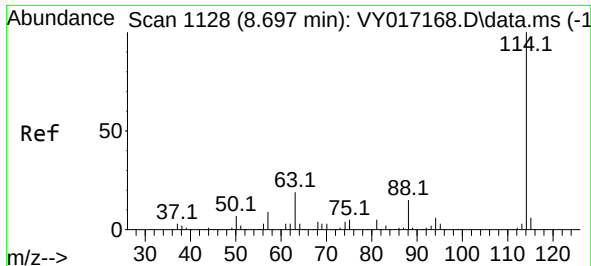
Tgt Ion:168 Resp: 4885
Ion Ratio Lower Upper
168 100
99 49.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 21.334 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017232.D
Acq: 05 Feb 2024 16:27

Tgt Ion: 65 Resp: 931
Ion Ratio Lower Upper
65 100
67 52.2 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: VY017232.D

Acq: 05 Feb 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-VOC

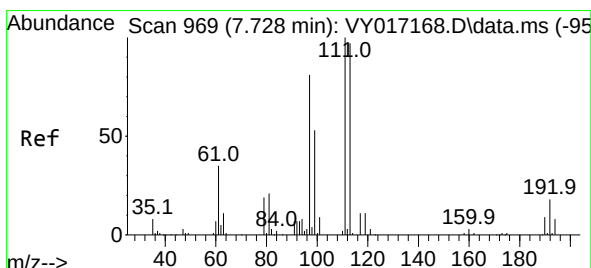
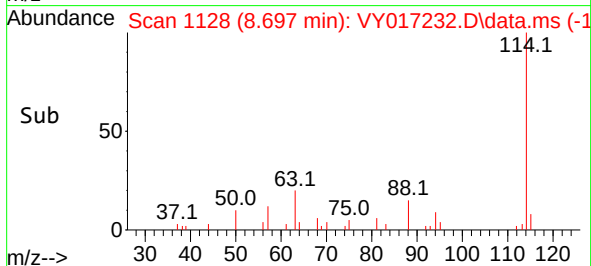
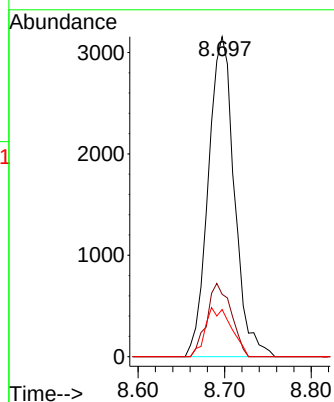
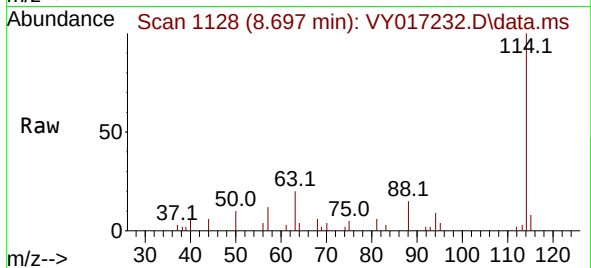
Tgt Ion:114 Resp: 6594

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 35.952 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017232.D

Acq: 05 Feb 2024 16:27

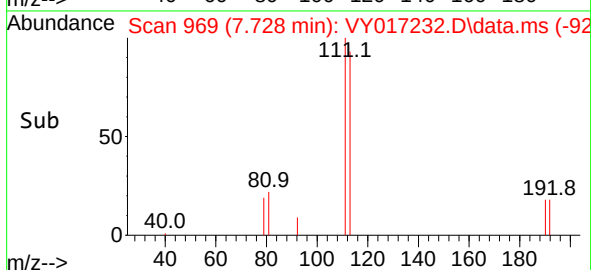
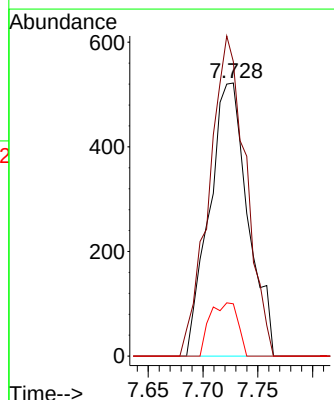
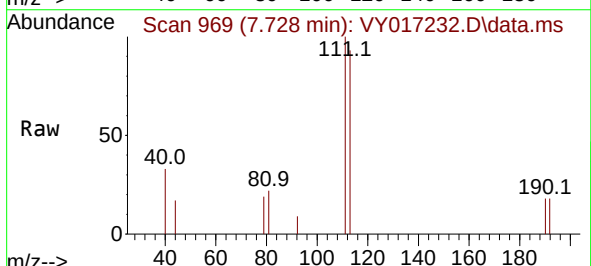
Tgt Ion:113 Resp: 1280

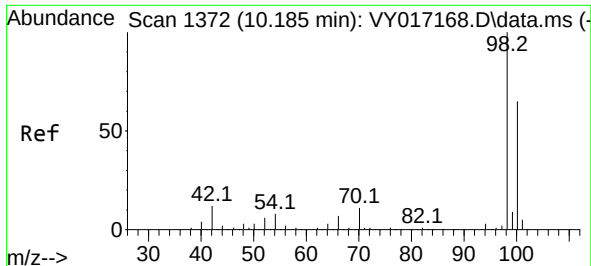
Ion Ratio Lower Upper

113 100

111 111.6 83.8 125.6

192 14.2 14.5 21.7#

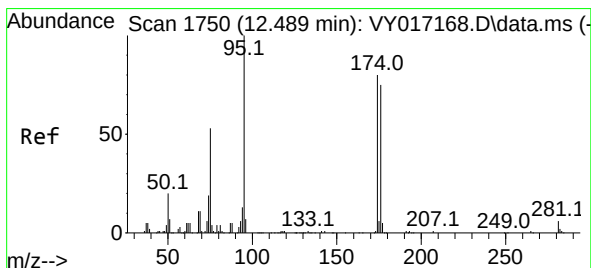
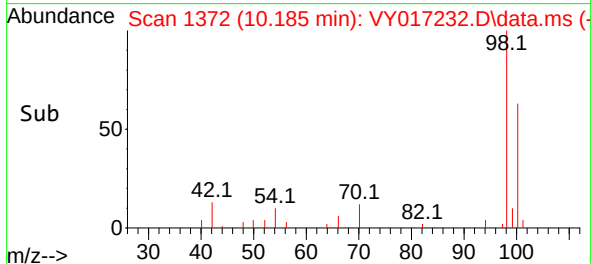
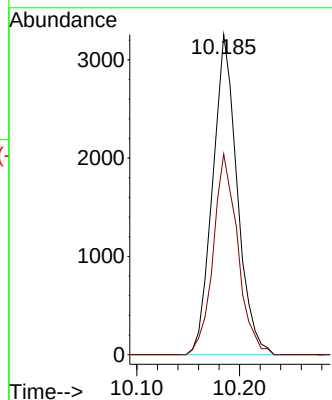
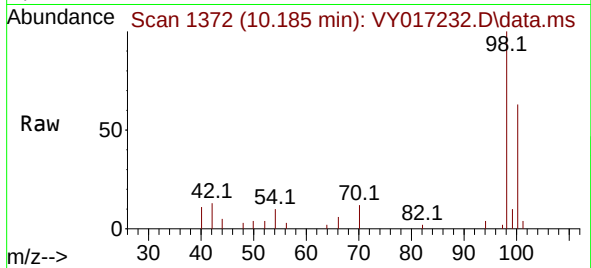




#50
Toluene-d8
Concen: 41.657 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017232.D
Acq: 05 Feb 2024 16:27

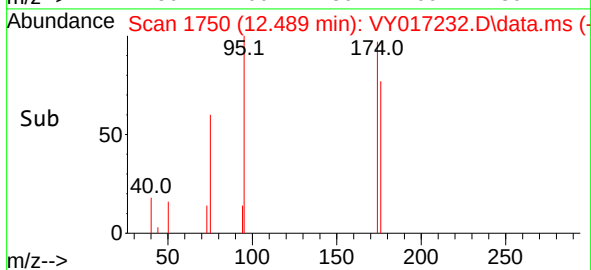
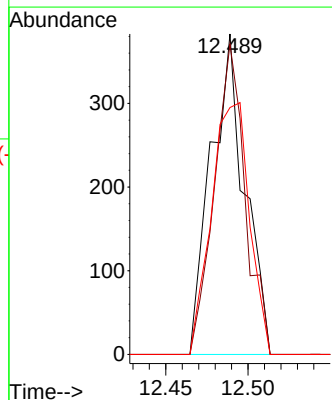
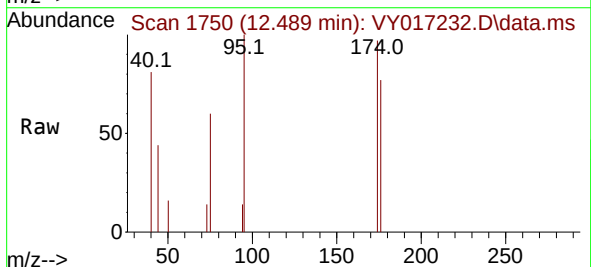
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WC-2-VOC

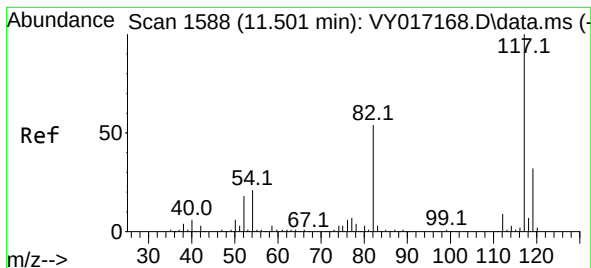
Tgt Ion: 98 Resp: 5400
Ion Ratio Lower Upper
98 100
100 62.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 12.834 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017232.D
Acq: 05 Feb 2024 16:27

Tgt Ion: 95 Resp: 545
Ion Ratio Lower Upper
95 100
174 88.6 0.0 160.0
176 88.8 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: VY017232.D

Acq: 05 Feb 2024 16:27

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-VOC

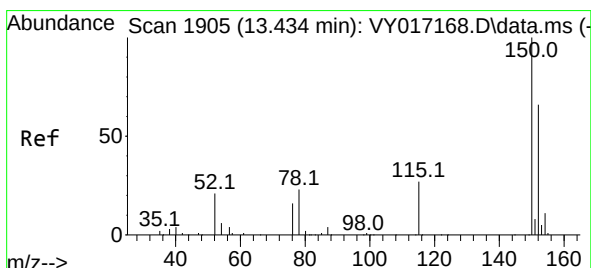
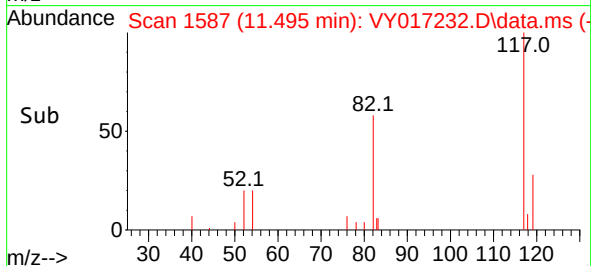
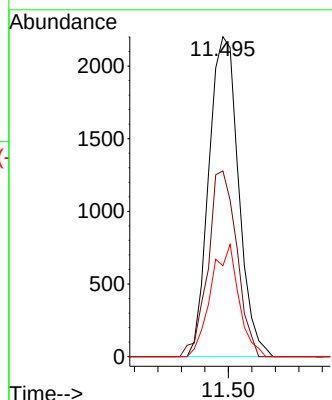
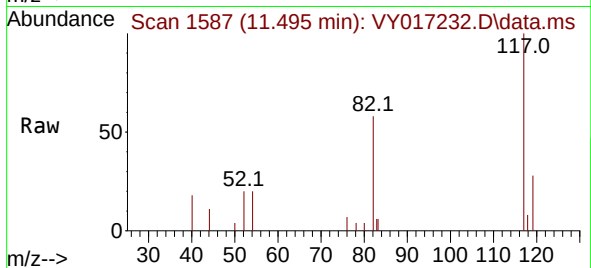
Tgt Ion:117 Resp: 3866

Ion Ratio Lower Upper

117 100

82 58.0 43.8 65.8

119 28.4 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: VY017232.D

Acq: 05 Feb 2024 16:27

Tgt Ion:152 Resp: 387

Ion Ratio Lower Upper

152 100

115 49.6 30.0 90.0

150 182.4 0.0 344.6

