

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017234.D
 Acq On : 05 Feb 2024 17:14
 Operator : SY/MD
 Sample : P1362-03
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

Quant Time: Feb 06 01:02:20 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	79187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	175035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67429	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	38124	53.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.780%
35) Dibromofluoromethane	7.722	113	41060	44.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.200%
50) Toluene-d8	10.185	98	152496	45.495	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.000%
62) 4-Bromofluorobenzene	12.483	95	50590	46.074	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.140%

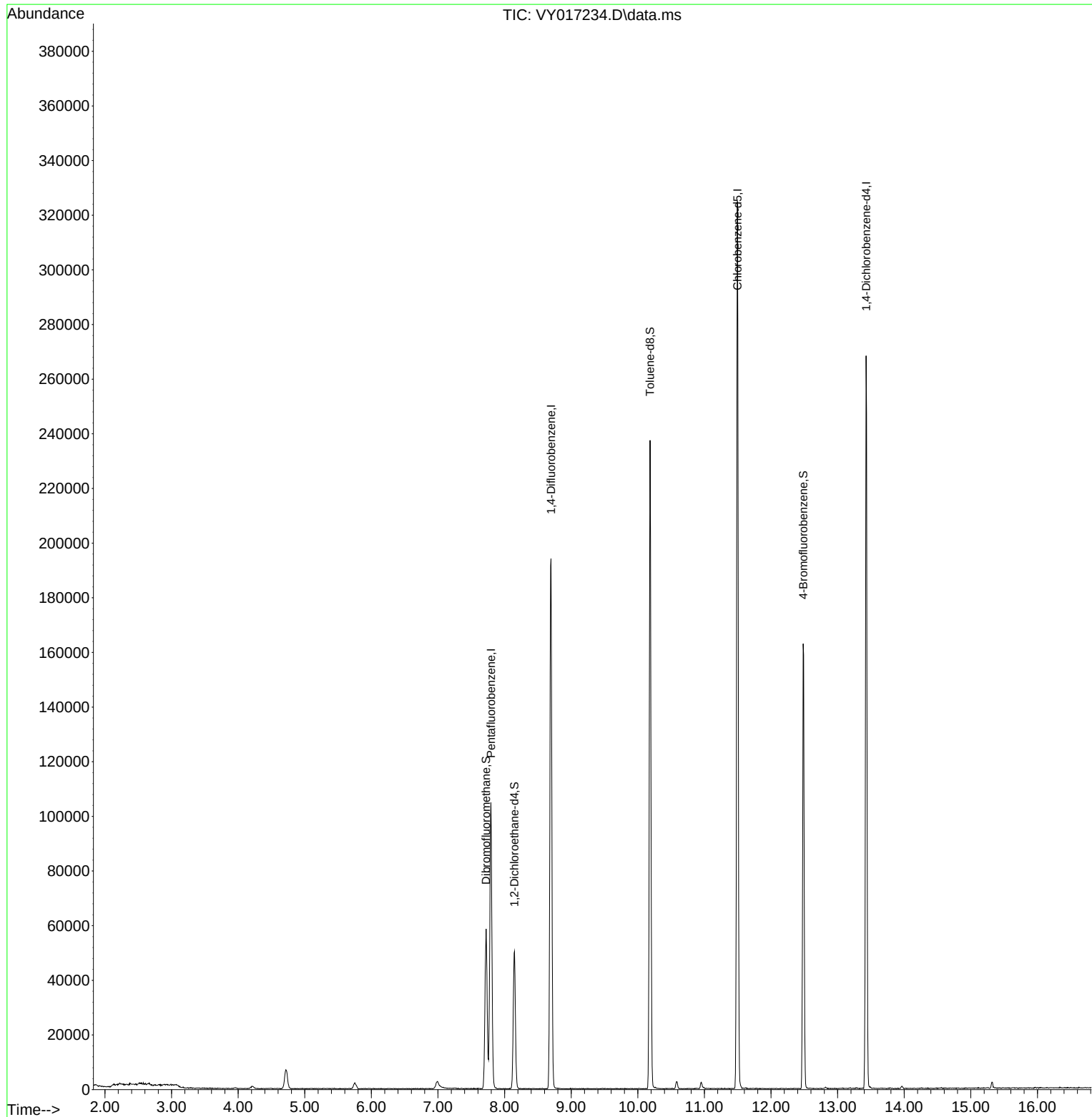
Target Compounds	Qvalue

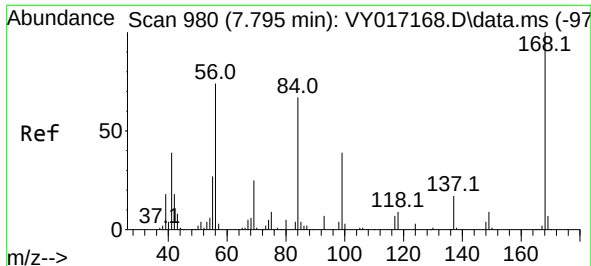
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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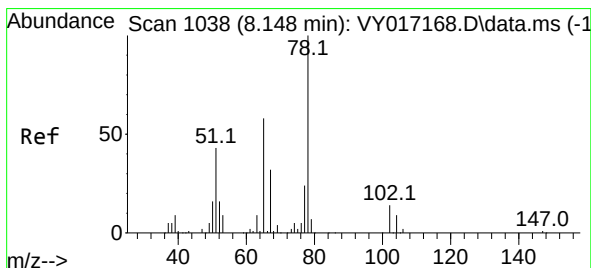
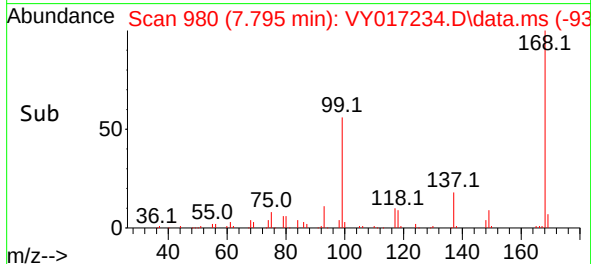
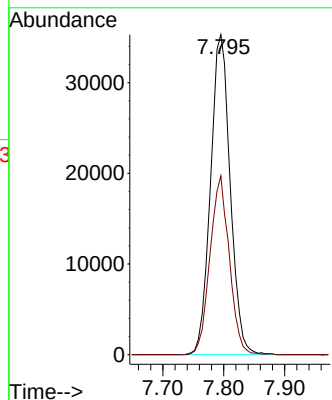
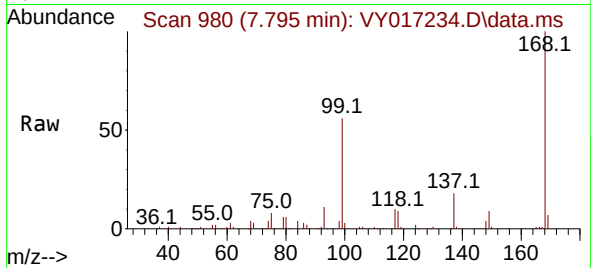




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017234.D
Acq: 05 Feb 2024 17:14

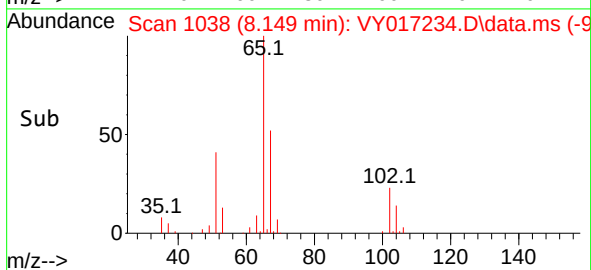
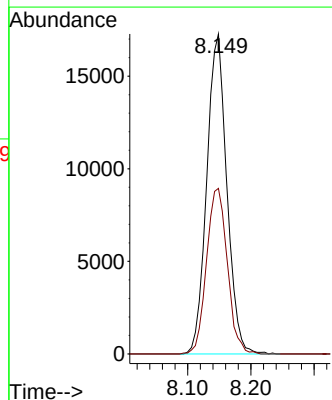
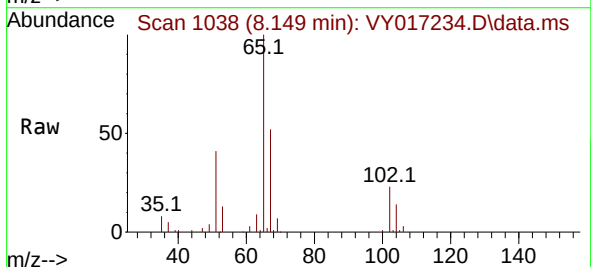
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

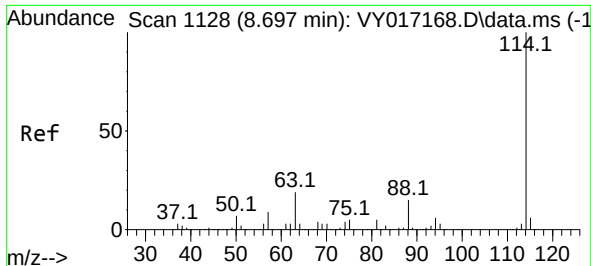
Tgt Ion:168 Resp: 79187
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 53.893 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017234.D
Acq: 05 Feb 2024 17:14

Tgt Ion: 65 Resp: 38124
Ion Ratio Lower Upper
65 100
67 53.5 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: VY017234.D

Acq: 05 Feb 2024 17:14

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-VOC

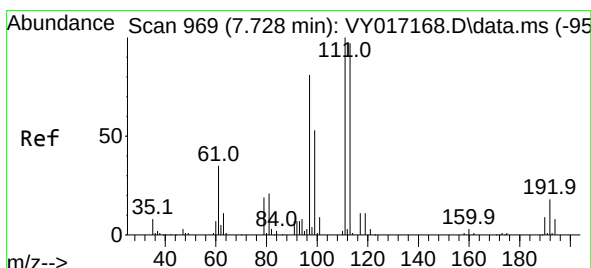
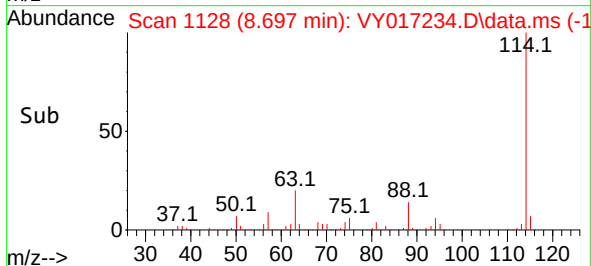
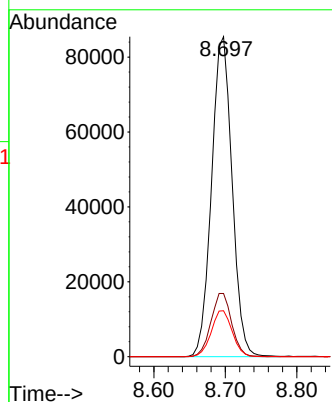
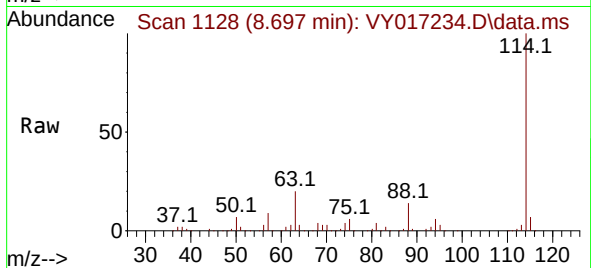
Tgt Ion:114 Resp: 170505

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.600 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017234.D

Acq: 05 Feb 2024 17:14

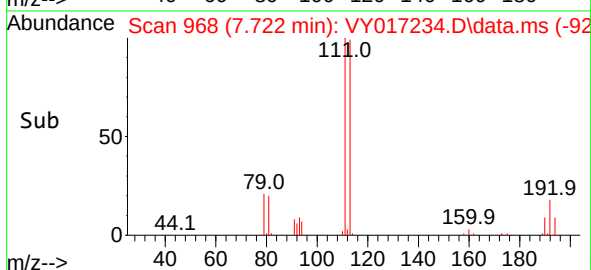
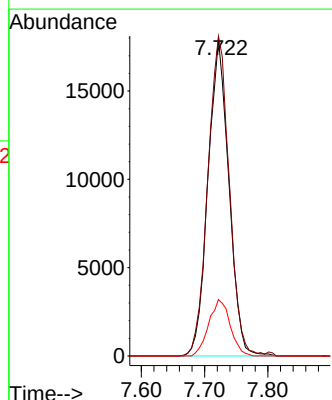
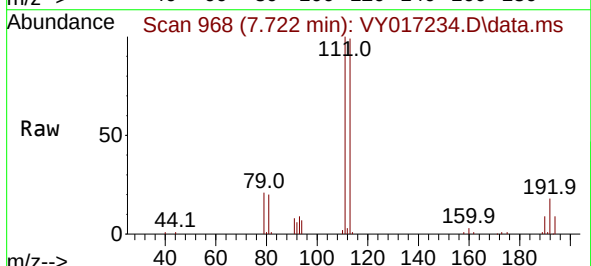
Tgt Ion:113 Resp: 41060

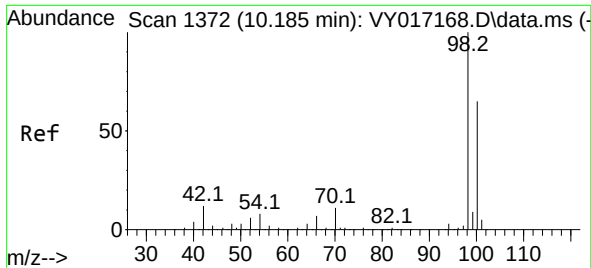
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 18.3 14.5 21.7

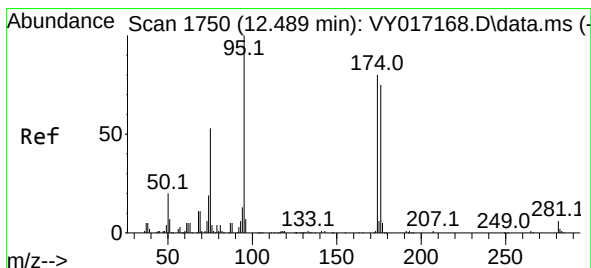
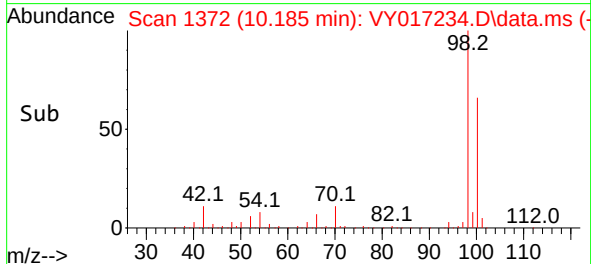
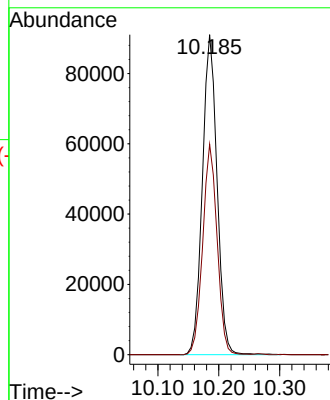
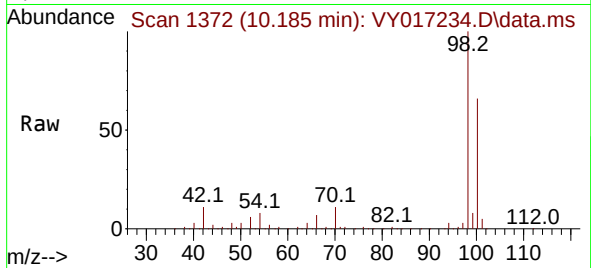




#50
Toluene-d8
Concen: 45.495 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017234.D
Acq: 05 Feb 2024 17:14

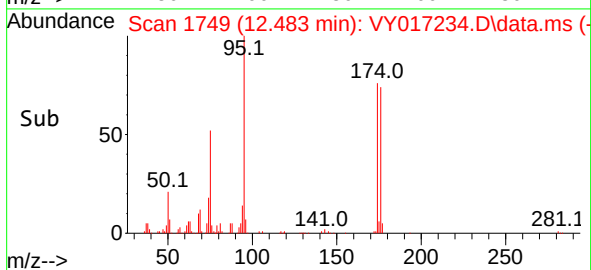
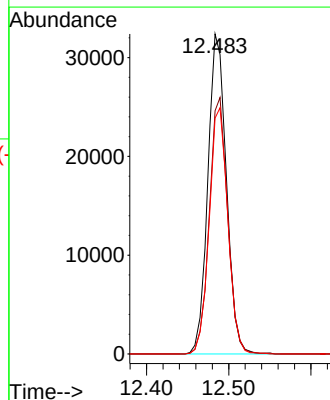
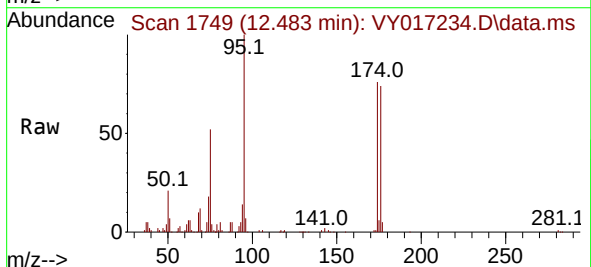
Instrument :
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ClientSampleId :
WC-1-VOC

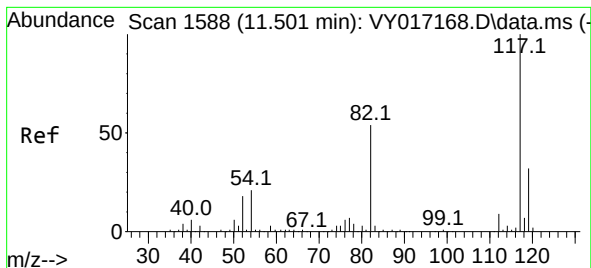
Tgt Ion: 98 Resp: 152496
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.074 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017234.D
Acq: 05 Feb 2024 17:14

Tgt Ion: 95 Resp: 50590
Ion Ratio Lower Upper
95 100
174 79.8 0.0 160.0
176 77.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017234.D

Acq: 05 Feb 2024 17:14

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-VOC

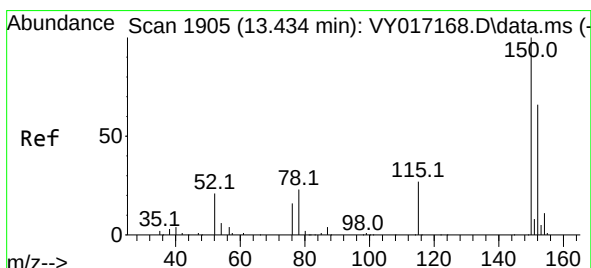
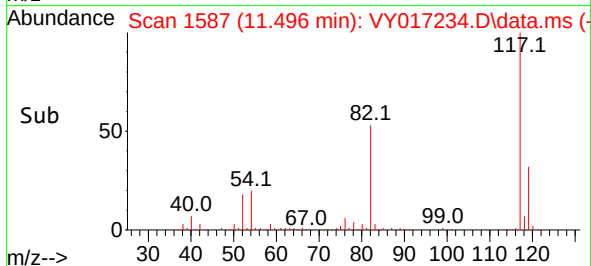
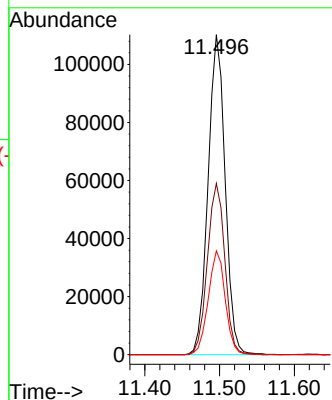
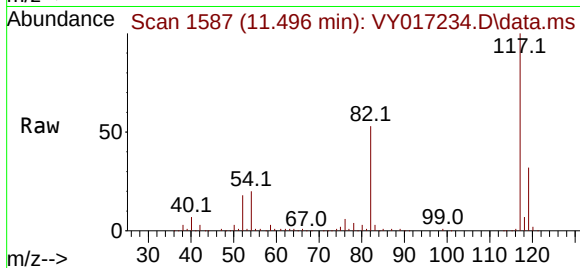
Tgt Ion:117 Resp: 175035

Ion Ratio Lower Upper

117 100

82 53.5 43.8 65.8

119 32.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017234.D

Acq: 05 Feb 2024 17:14

Tgt Ion:152 Resp: 67429

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 158.3 0.0 344.6

