

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018504.D
 Acq On : 06 Jun 2024 14:49
 Operator : SY/MD
 Sample : P2668-07RE
 Misc : 5.94g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-TP-2RE

Quant Time: Jun 07 03:56:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	3334	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	5570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	3742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2832	43.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.500%
35) Dibromofluoromethane	7.710	113	2515	35.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.220%
50) Toluene-d8	10.179	98	8612	30.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	61.300%
62) 4-Bromofluorobenzene	12.477	95	1442	16.482	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	32.960%

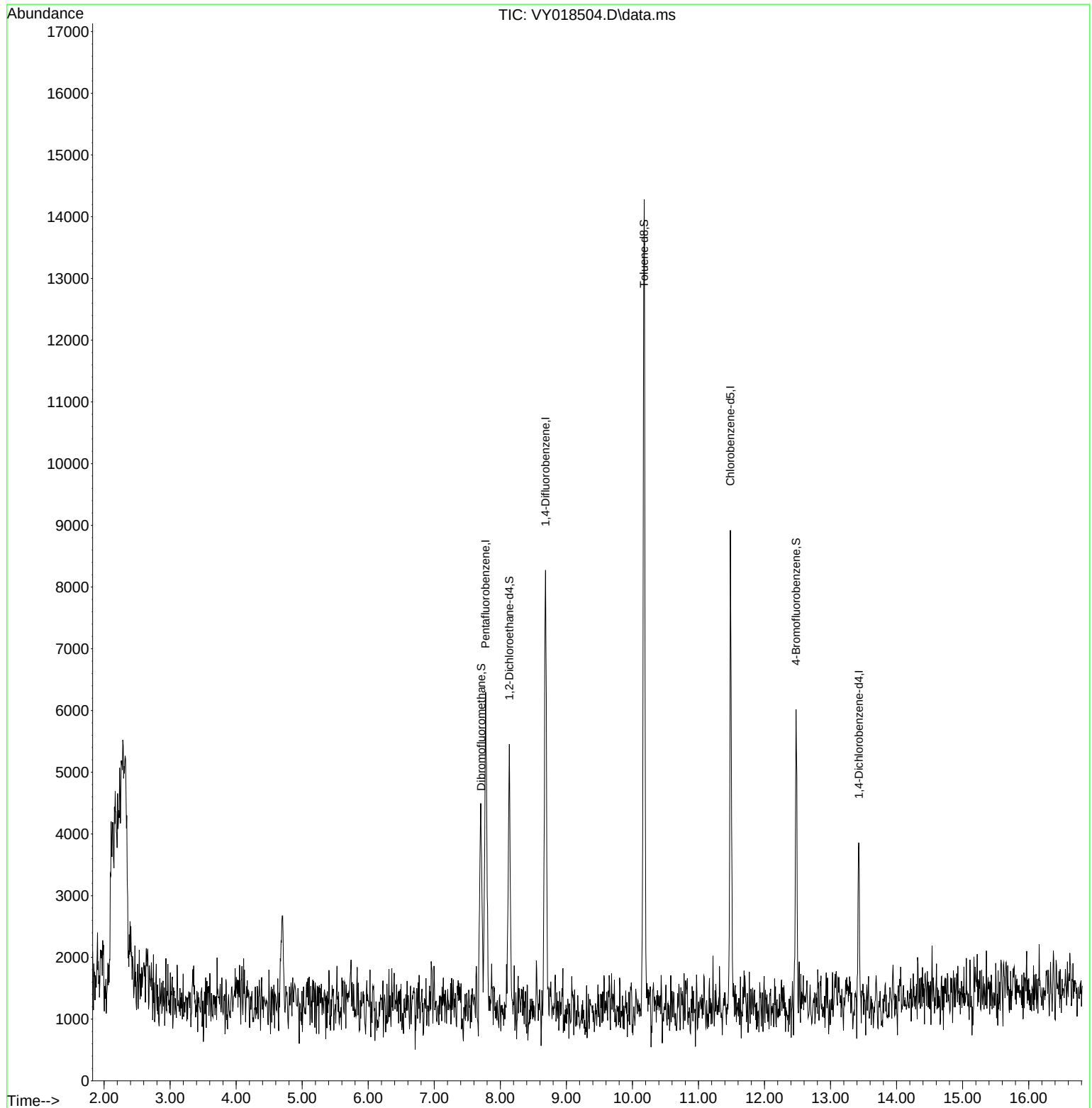
Target Compounds	Qvalue

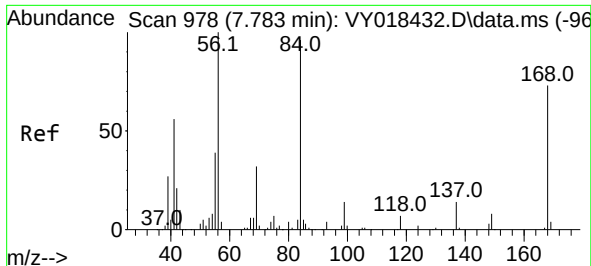
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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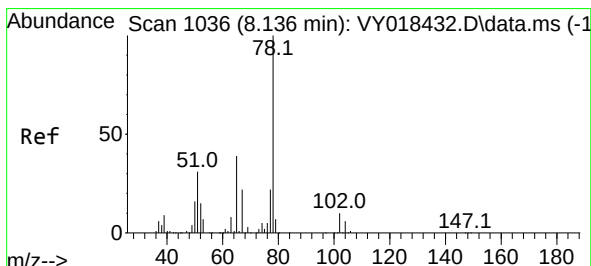
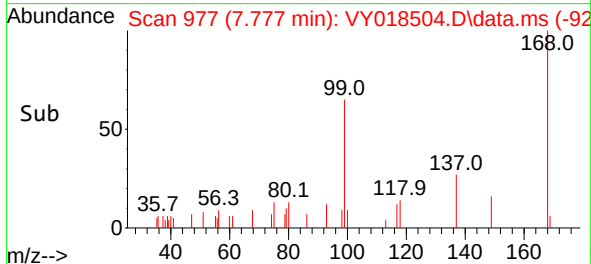
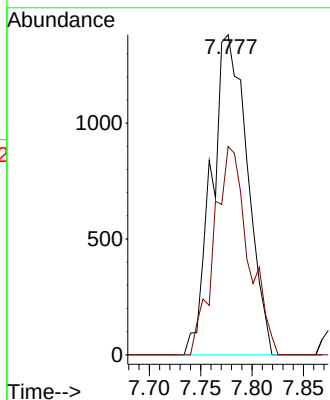
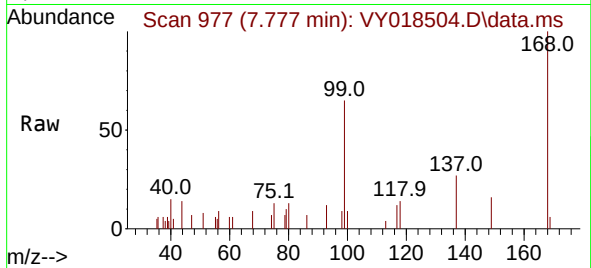




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018504.D
Acq: 06 Jun 2024 14:49

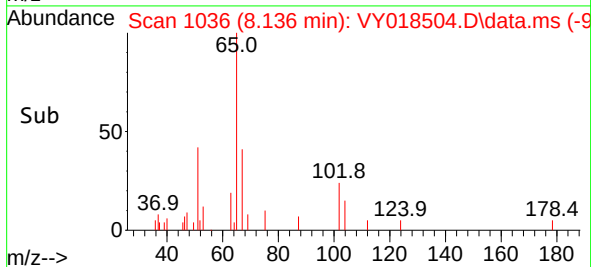
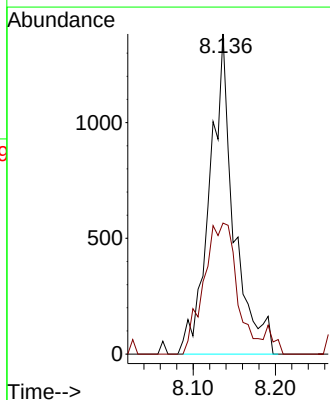
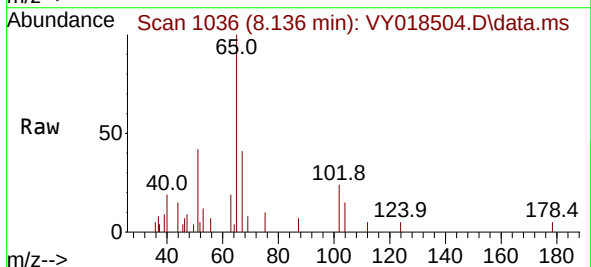
Instrument :
MSVOA_Y
ClientSampleId :
VOC-TP-2RE

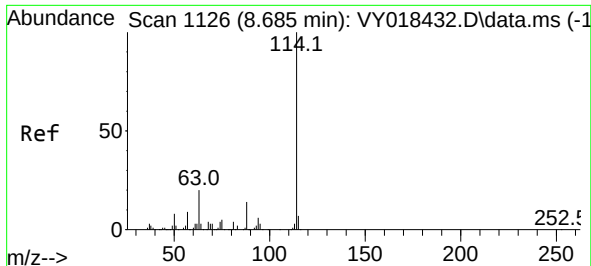
Tgt Ion:168 Resp: 3334
Ion Ratio Lower Upper
168 100
99 65.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 43.253 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018504.D
Acq: 06 Jun 2024 14:49

Tgt Ion: 65 Resp: 2832
Ion Ratio Lower Upper
65 100
67 56.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018504.D

Acq: 06 Jun 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VOC-TP-2RE

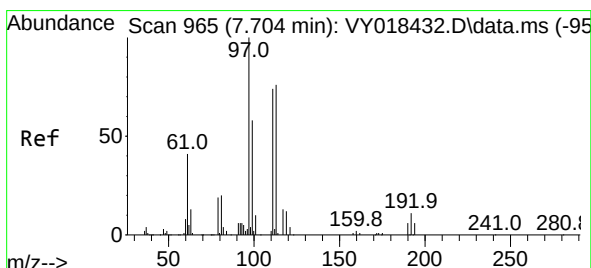
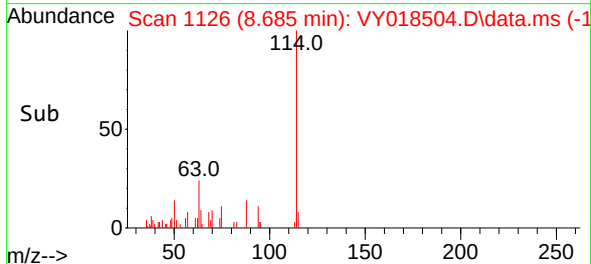
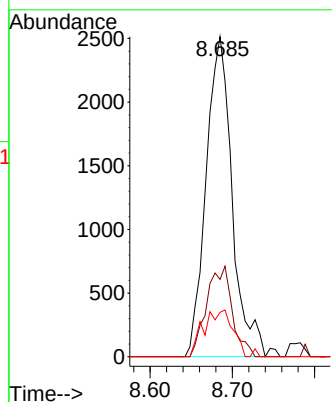
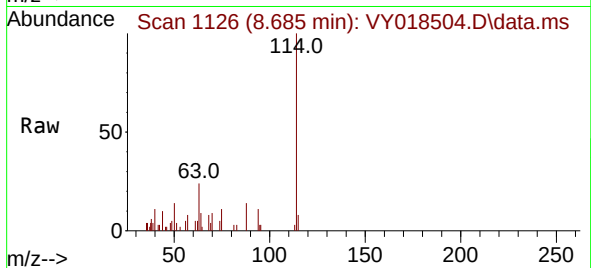
Tgt Ion:114 Resp: 5570

Ion Ratio Lower Upper

114 100

63 24.1 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 35.607 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018504.D

Acq: 06 Jun 2024 14:49

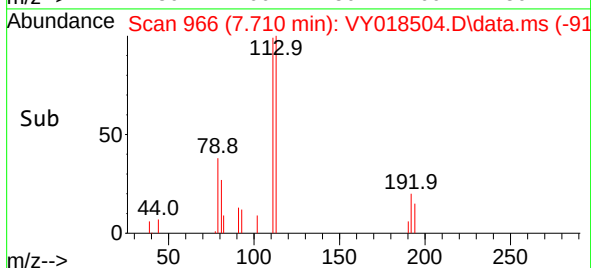
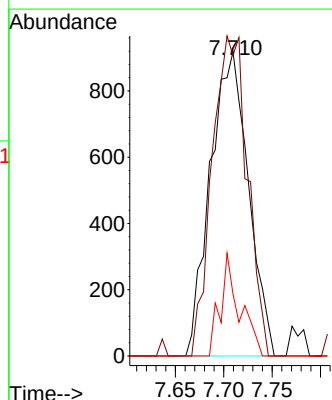
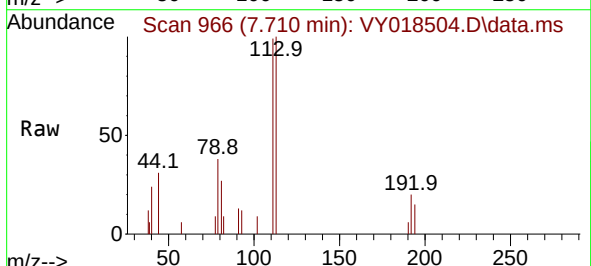
Tgt Ion:113 Resp: 2515

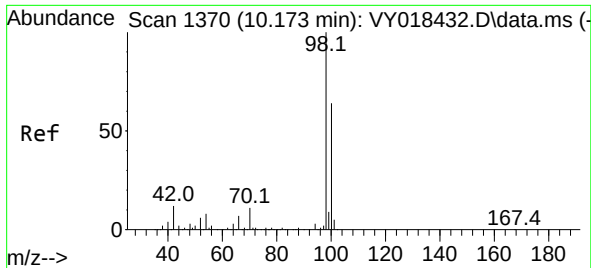
Ion Ratio Lower Upper

113 100

111 97.2 82.2 123.4

192 17.1 15.9 23.9

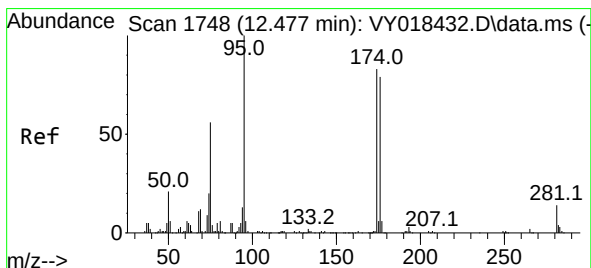
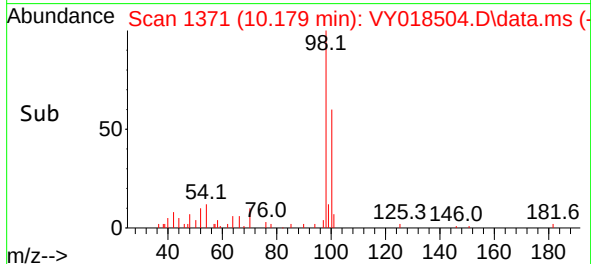
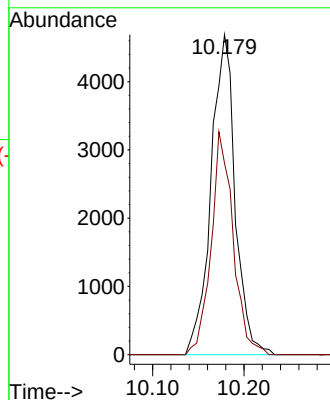
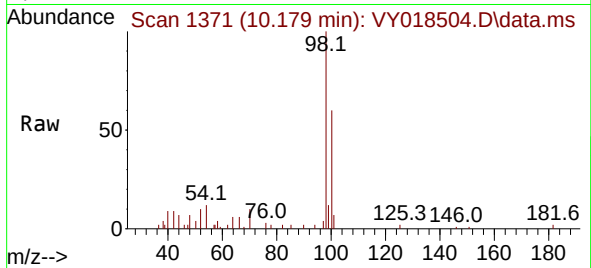




#50
Toluene-d8
Concen: 30.649 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018504.D
Acq: 06 Jun 2024 14:49

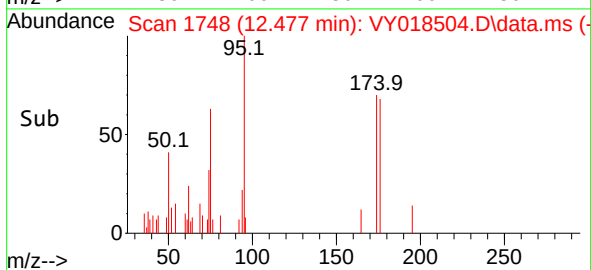
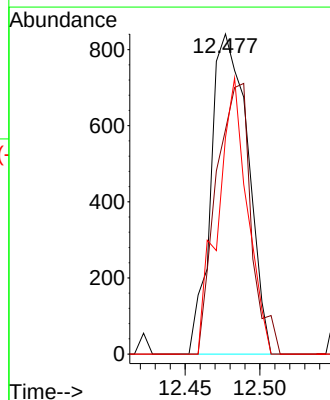
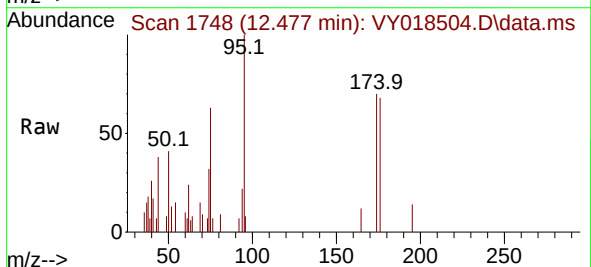
Instrument :
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ClientSampleId :
VOC-TP-2RE

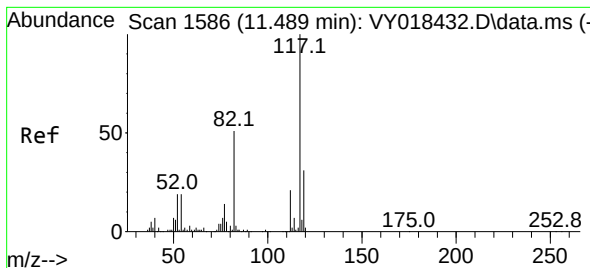
Tgt Ion: 98 Resp: 8612
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 16.482 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018504.D
Acq: 06 Jun 2024 14:49

Tgt Ion: 95 Resp: 1442
Ion Ratio Lower Upper
95 100
174 79.8 0.0 175.6
176 68.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018504.D

Acq: 06 Jun 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VOC-TP-2RE

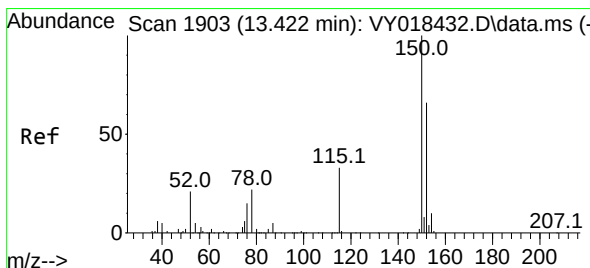
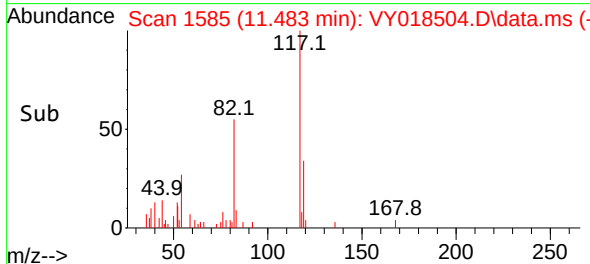
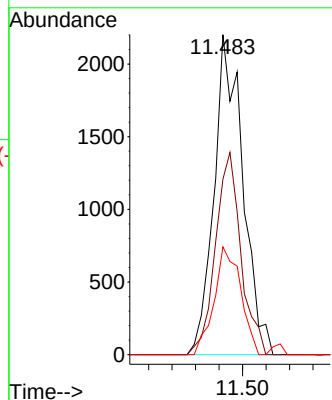
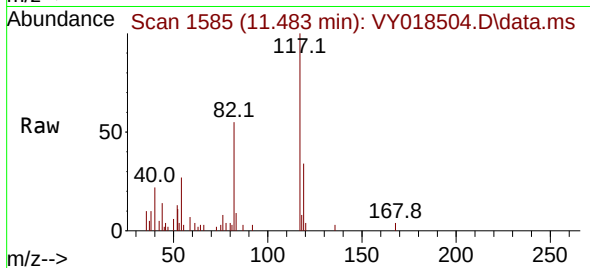
Tgt Ion:117 Resp: 3742

Ion Ratio Lower Upper

117 100

82 54.9 42.4 63.6

119 33.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018504.D

Acq: 06 Jun 2024 14:49

Tgt Ion:152 Resp: 631

Ion Ratio Lower Upper

152 100

115 59.7 28.2 84.7

150 176.7 0.0 345.6

