

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018450.D
 Acq On : 03 Jun 2024 19:08
 Operator : SY/MD
 Sample : P2683-01
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4-VOC

Quant Time: Jun 04 05:43:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	50157	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	96398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	74174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22825	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27664	28.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	56.180%
35) Dibromofluoromethane	7.704	113	28097	22.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.980%#
50) Toluene-d8	10.173	98	112097	23.051	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	46.100%#
62) 4-Bromofluorobenzene	12.477	95	27433	18.118	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.240%

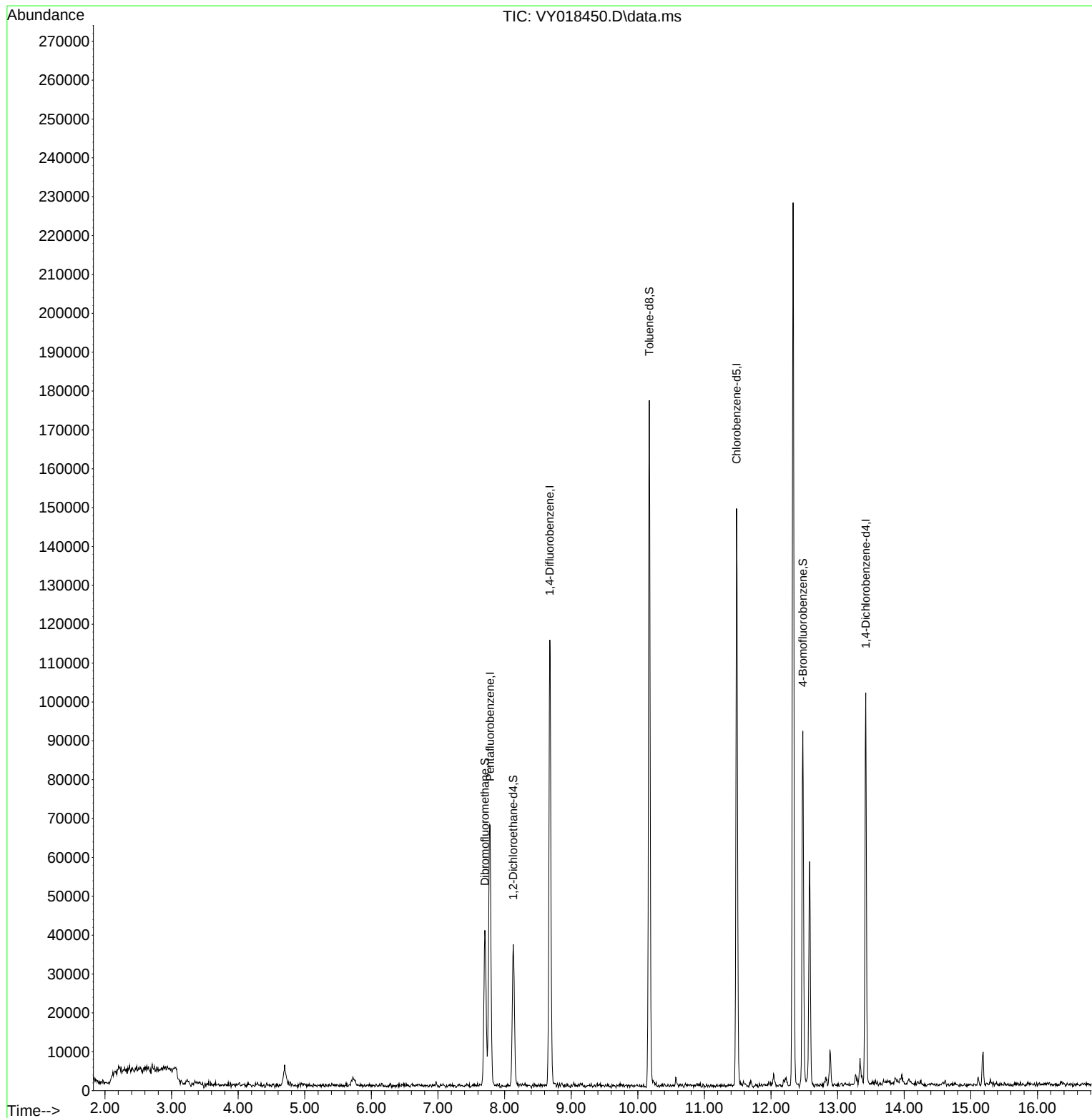
Target Compounds	Qvalue

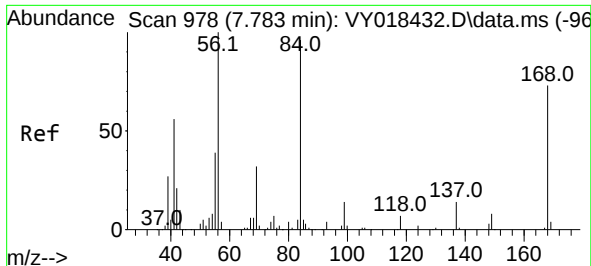
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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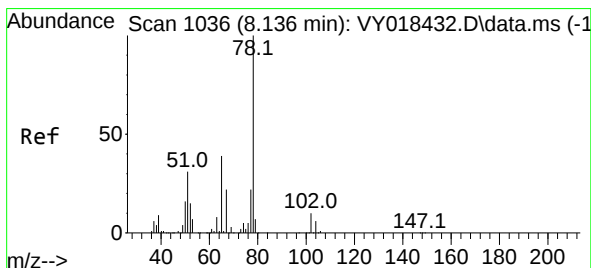
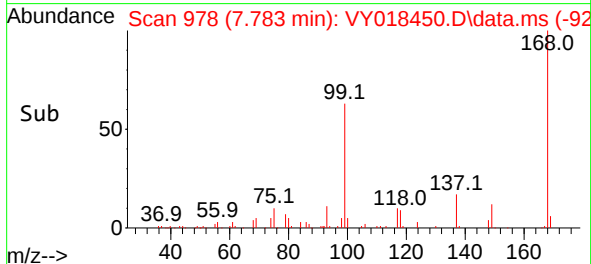
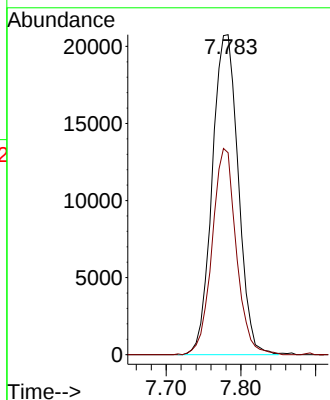
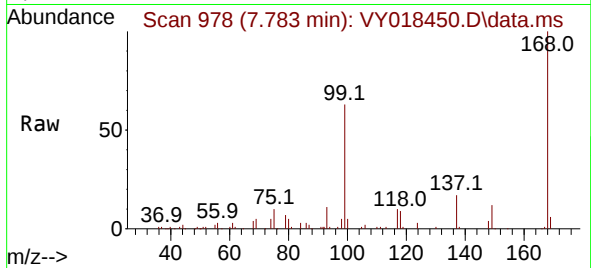




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018450.D
Acq: 03 Jun 2024 19:08

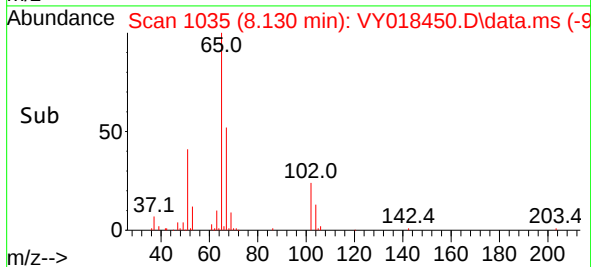
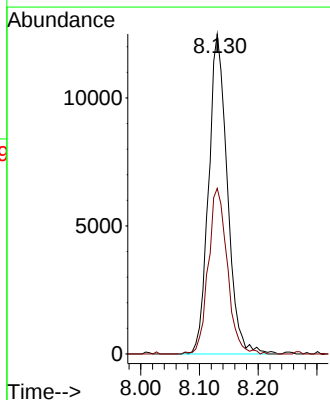
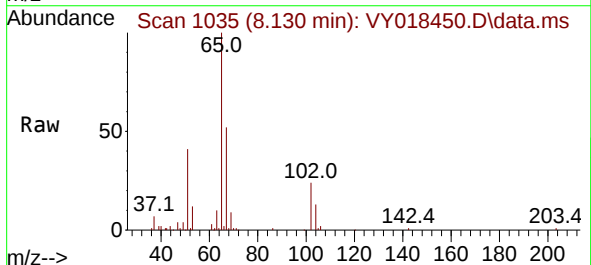
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

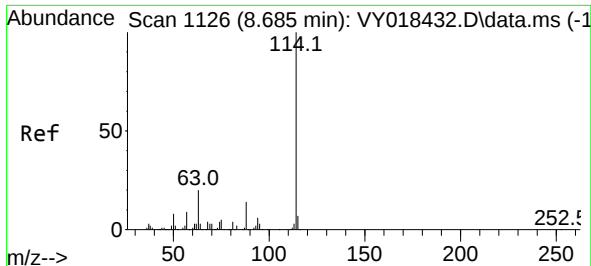
Tgt Ion:168 Resp: 50157
Ion Ratio Lower Upper
168 100
99 62.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 28.085 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018450.D
Acq: 03 Jun 2024 19:08

Tgt Ion: 65 Resp: 27664
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6

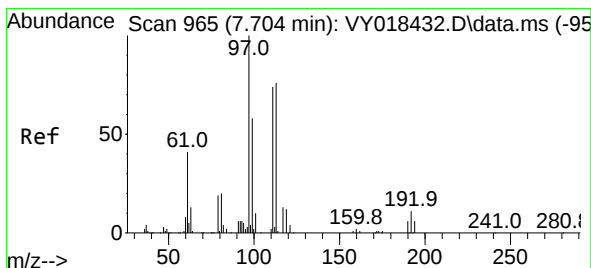
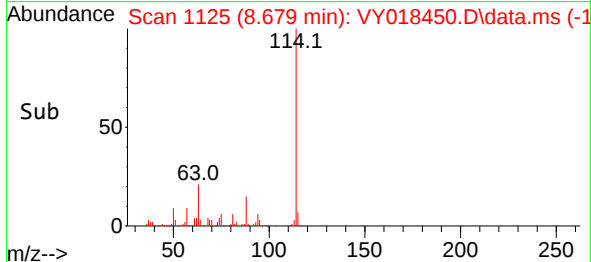
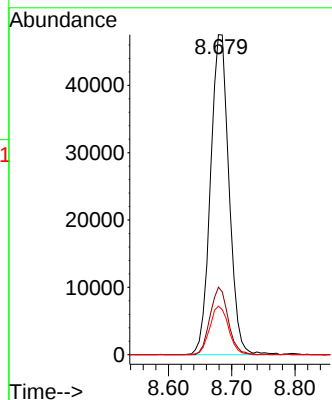
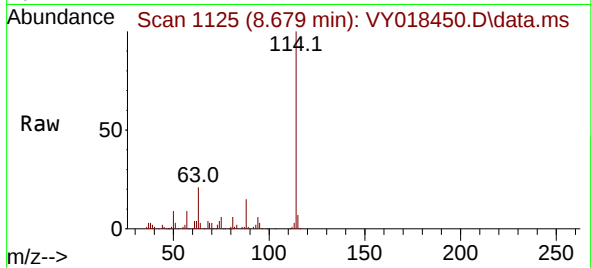




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018450.D
Acq: 03 Jun 2024 19:08

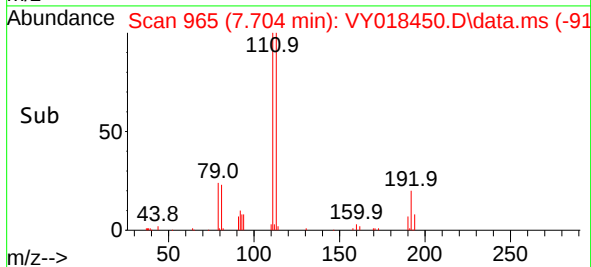
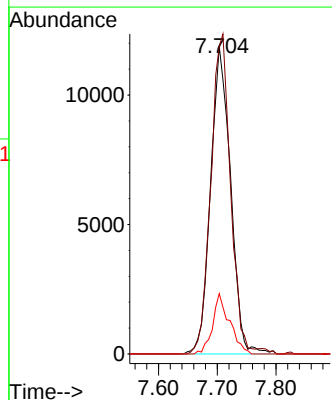
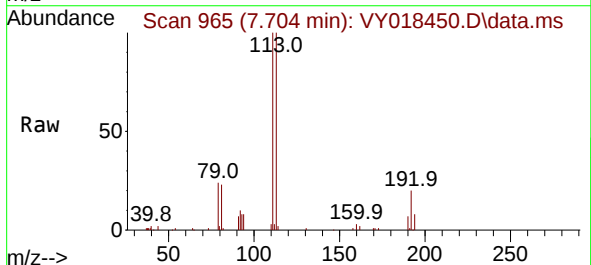
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ClientSampleId :
WC-4-VOC

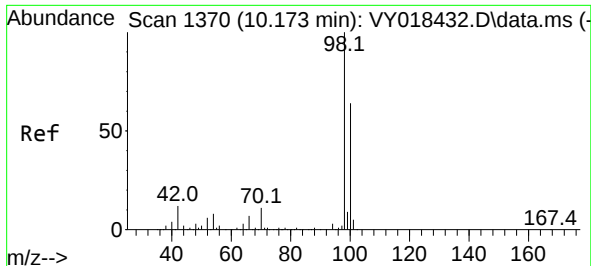
Tgt Ion:	114	Resp:	96398
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	35.0
88	15.2	0.0	27.2



#35
Dibromofluoromethane
Concen: 22.985 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018450.D
Acq: 03 Jun 2024 19:08

Tgt Ion:	113	Resp:	28097
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.2	123.4
192	16.6	15.9	23.9

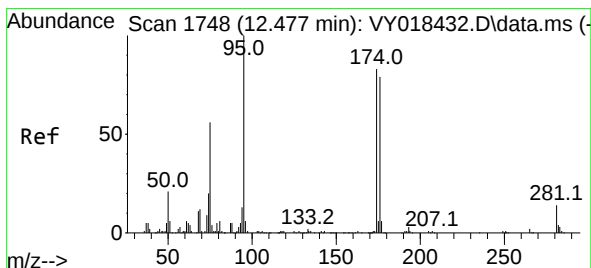
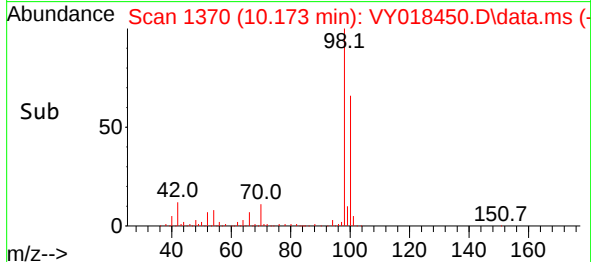
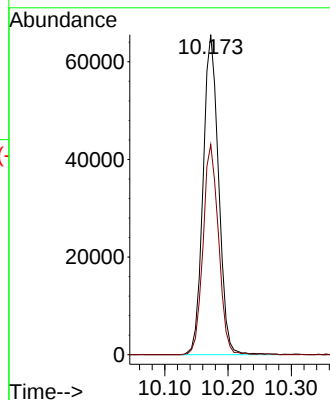
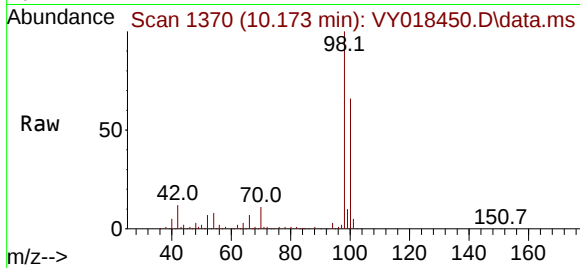




#50
Toluene-d8
Concen: 23.051 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018450.D
Acq: 03 Jun 2024 19:08

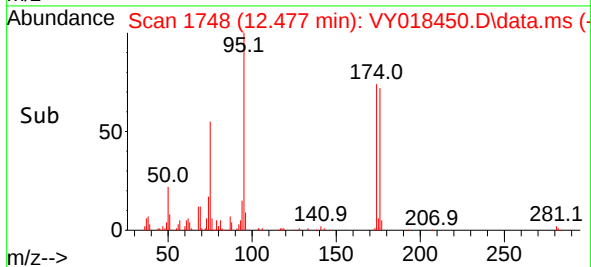
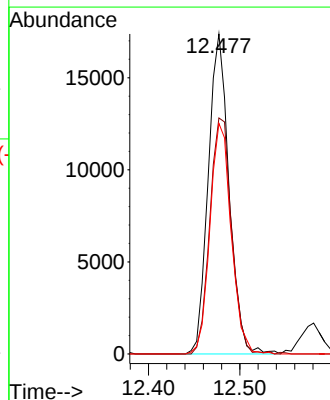
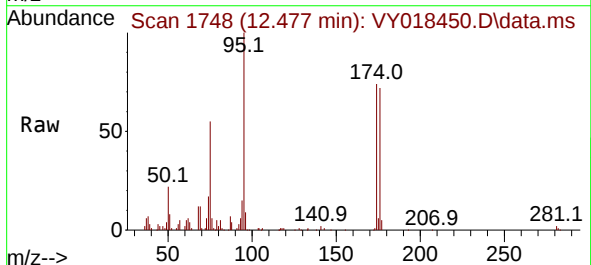
Instrument :
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ClientSampleId :
WC-4-VOC

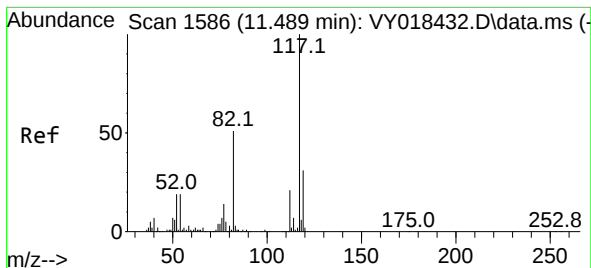
Tgt Ion: 98 Resp: 112097
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 18.118 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018450.D
Acq: 03 Jun 2024 19:08

Tgt Ion: 95 Resp: 27433
Ion Ratio Lower Upper
95 100
174 77.5 0.0 175.6
176 73.5 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: VY018450.D

Acq: 03 Jun 2024 19:08

Instrument :

MSVOA_Y

ClientSampleId :

WC-4-VOC

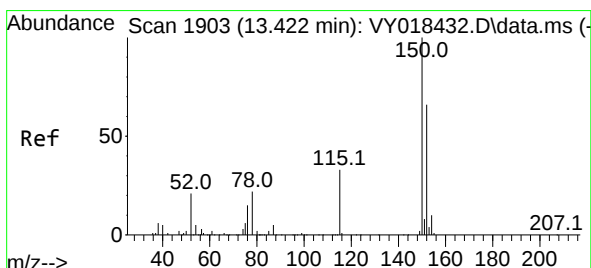
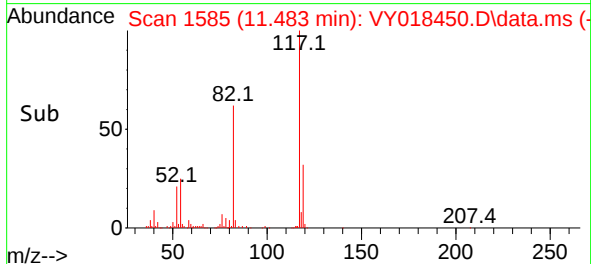
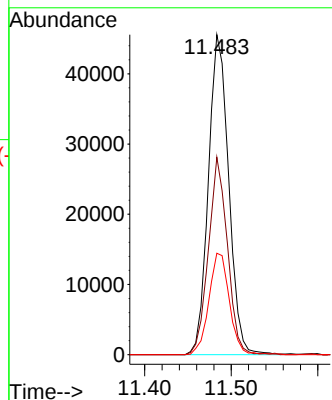
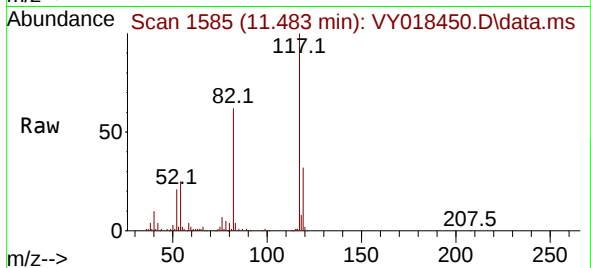
Tgt Ion:117 Resp: 74174

Ion Ratio Lower Upper

117 100

82 61.7 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018450.D

Acq: 03 Jun 2024 19:08

Tgt Ion:152 Resp: 22825

Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 160.1 0.0 345.6

