

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021675.D
 Acq On : 27 Mar 2025 18:32
 Operator : SY/MD
 Sample : Q1648-09
 Misc : 5.90g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7

Quant Time: Mar 28 04:04:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

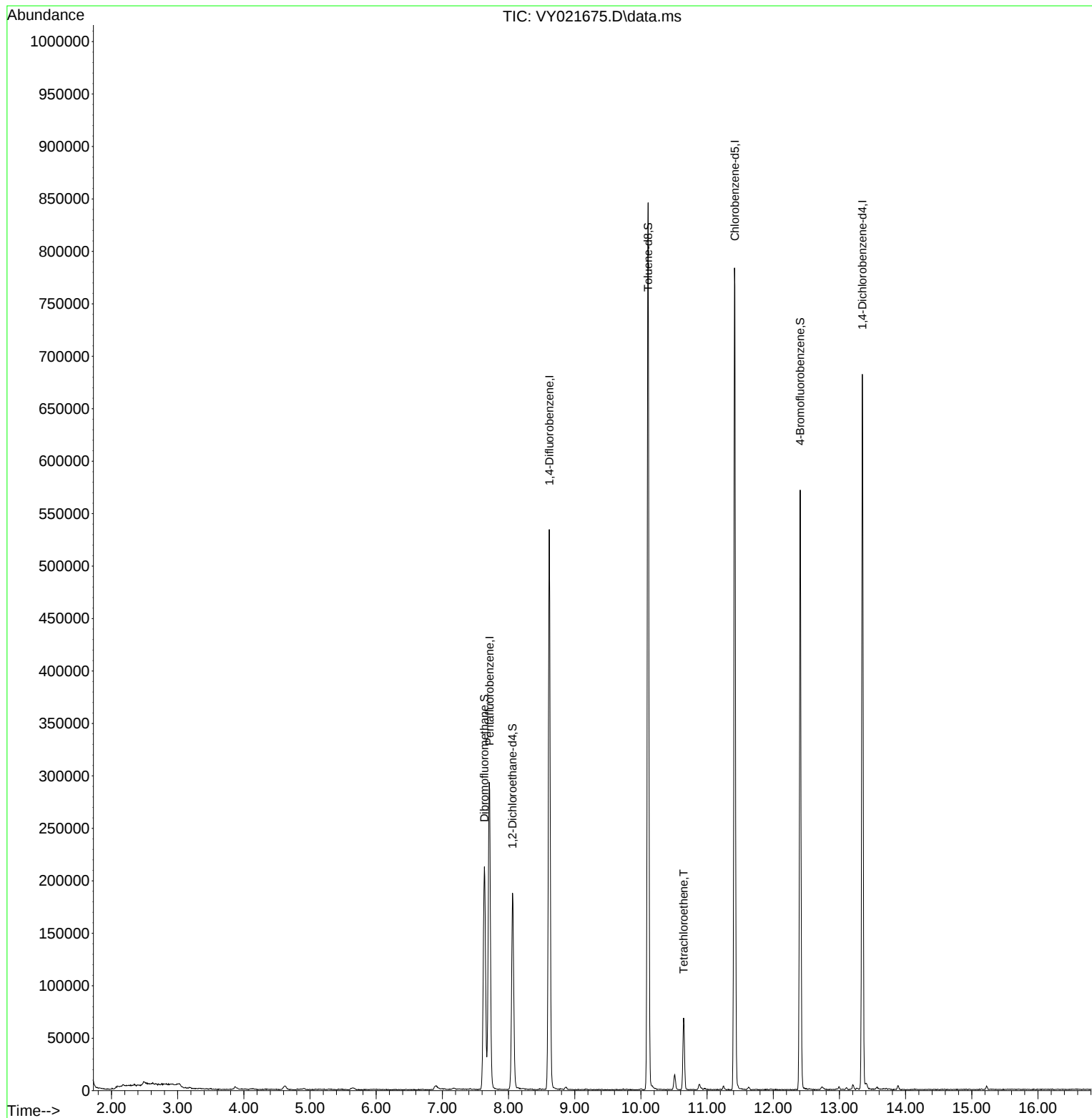
Internal Standards						
1) Pentafluorobenzene	7.713	168	220283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	432276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	403867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	163681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	146770	61.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.980%	
35) Dibromofluoromethane	7.634	113	149722	53.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.780%	
50) Toluene-d8	10.109	98	533951	50.053	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	12.408	95	165171	45.775	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.560%	
Target Compounds						Qvalue
64) Tetrachloroethene	10.646	164	14094	3.832	ug/l	92

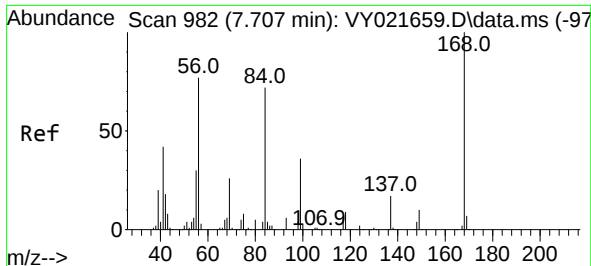
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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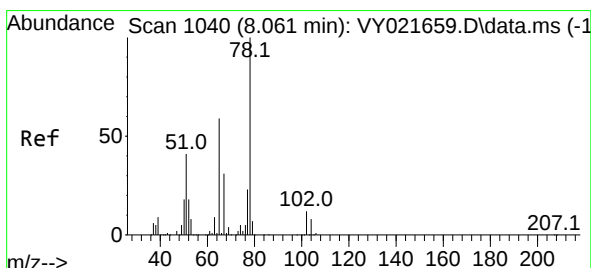
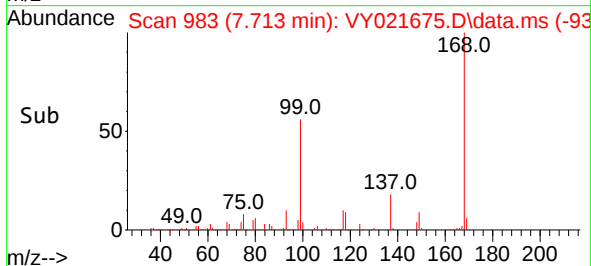
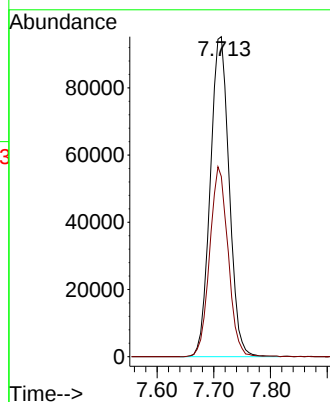
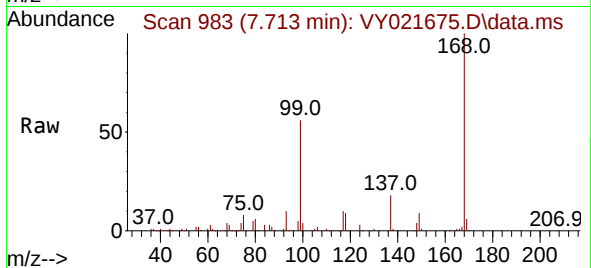




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021675.D
Acq: 27 Mar 2025 18:32

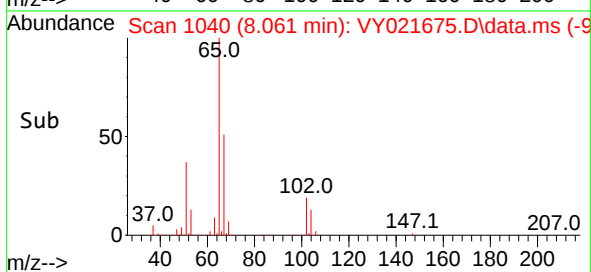
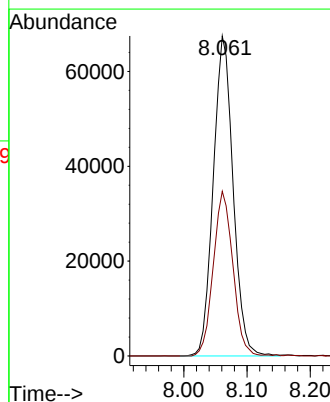
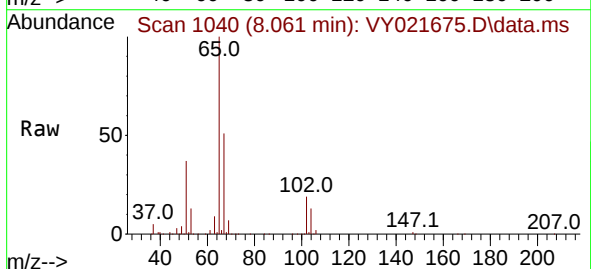
Instrument :
MSVOA_Y
ClientSampleId :
TP-7

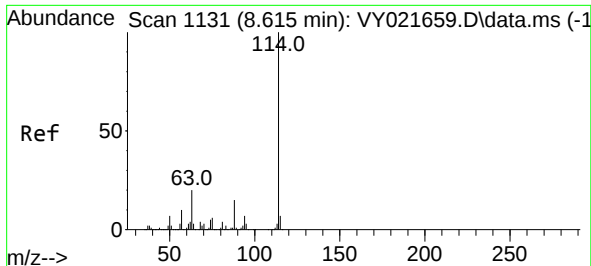
Tgt Ion:168 Resp: 220283
Ion Ratio Lower Upper
168 100
99 56.3 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 61.495 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021675.D
Acq: 27 Mar 2025 18:32

Tgt Ion: 65 Resp: 146770
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021675.D

Acq: 27 Mar 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-7

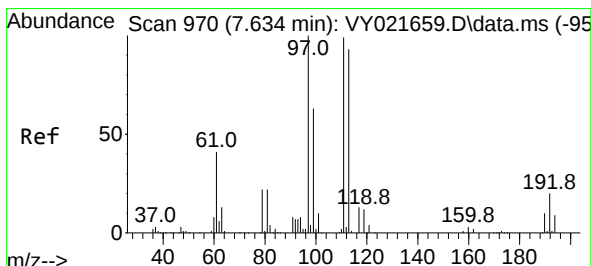
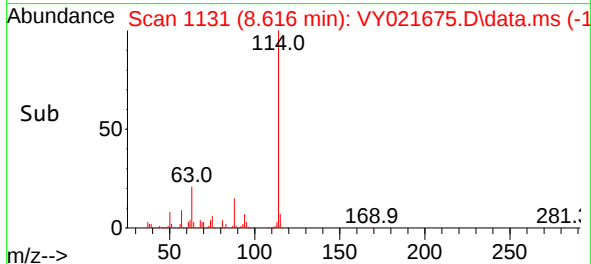
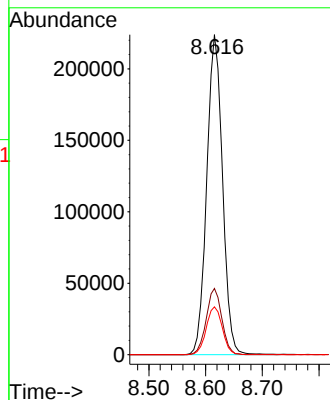
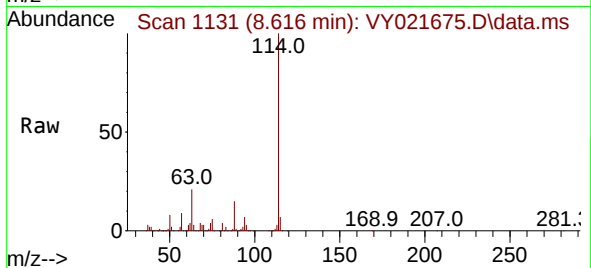
Tgt Ion:114 Resp: 432276

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 15.0 0.0 29.8



#35

Dibromofluoromethane

Concen: 53.394 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021675.D

Acq: 27 Mar 2025 18:32

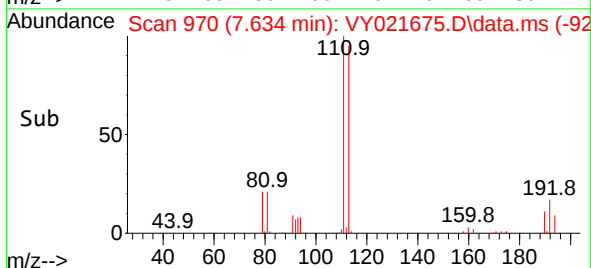
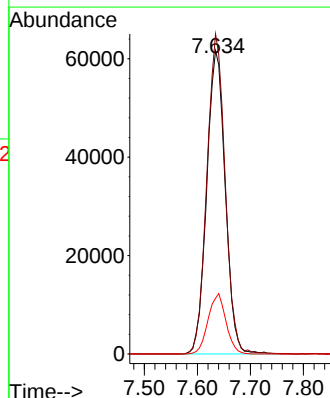
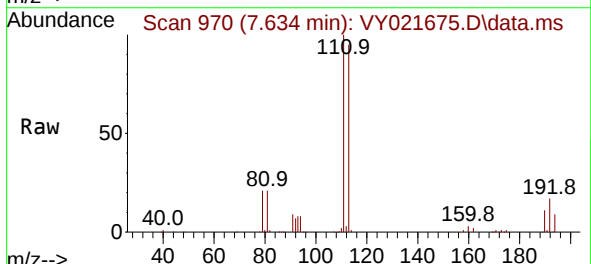
Tgt Ion:113 Resp: 149722

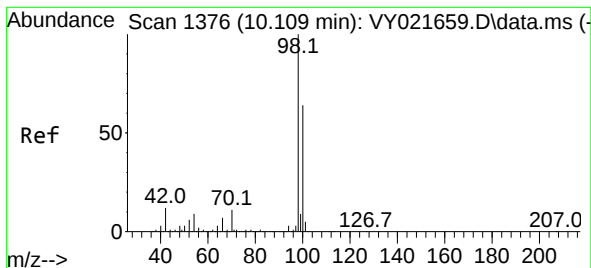
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 19.2 16.2 24.4

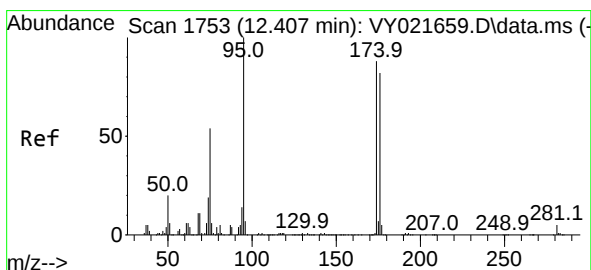
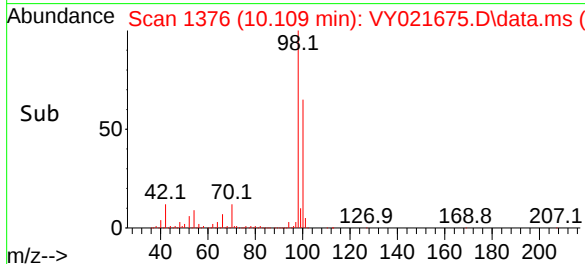
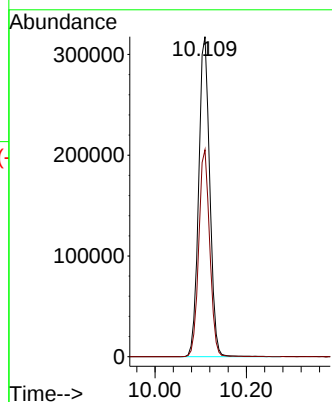
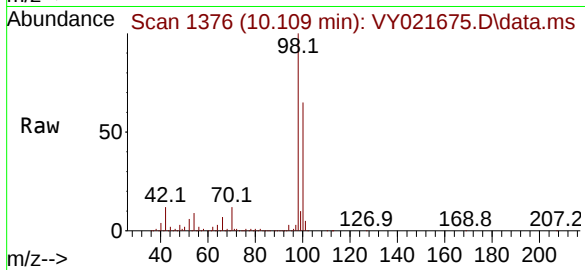




#50
Toluene-d8
Concen: 50.053 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021675.D
Acq: 27 Mar 2025 18:32

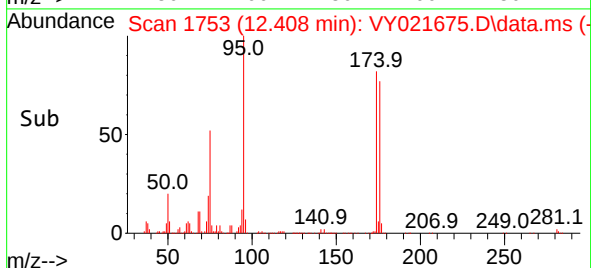
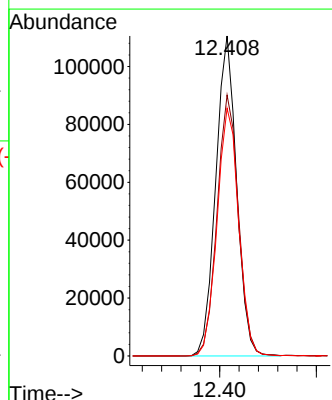
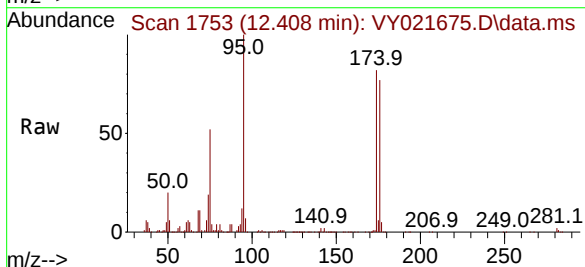
Instrument :
MSVOA_Y
ClientSampleId :
TP-7

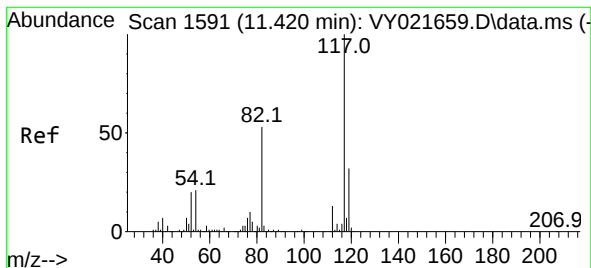
Tgt Ion: 98 Resp: 533951
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.775 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021675.D
Acq: 27 Mar 2025 18:32

Tgt Ion: 95 Resp: 165171
Ion Ratio Lower Upper
95 100
174 83.7 0.0 170.8
176 80.2 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021675.D

Acq: 27 Mar 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-7

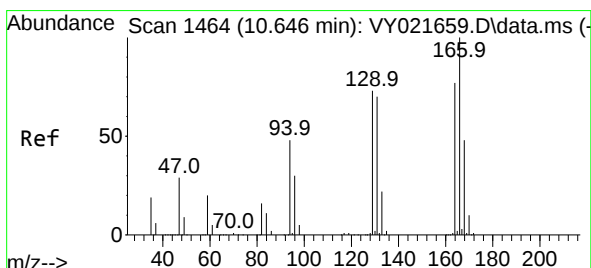
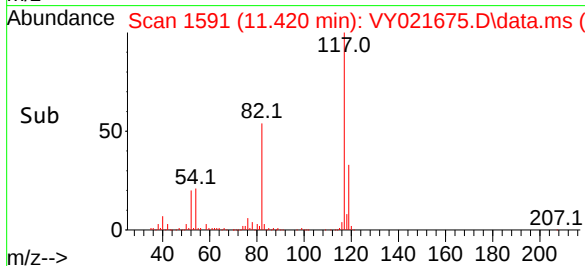
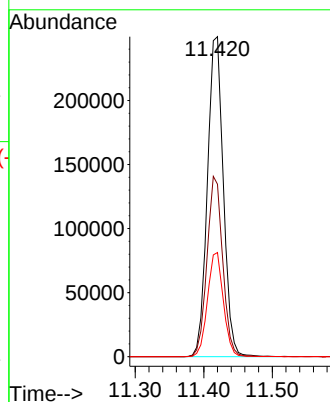
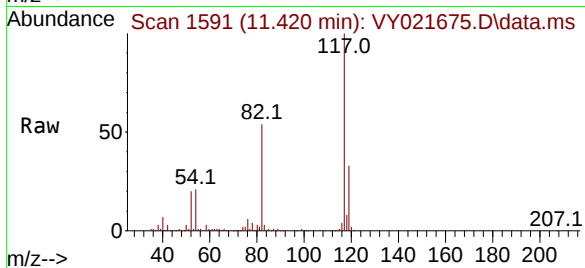
Tgt Ion:117 Resp: 403867

Ion Ratio Lower Upper

117 100

82 53.9 42.8 64.2

119 32.6 25.7 38.5



#64

Tetrachloroethene

Concen: 3.832 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021675.D

Acq: 27 Mar 2025 18:32

Tgt Ion:164 Resp: 14094

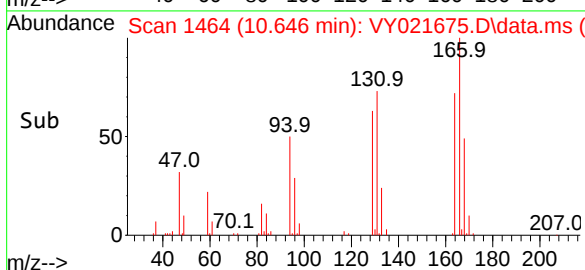
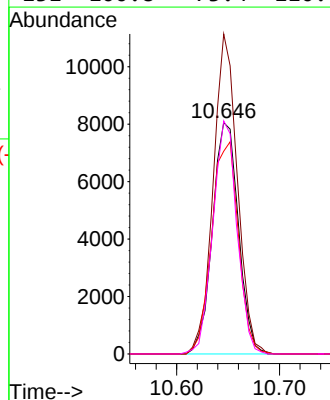
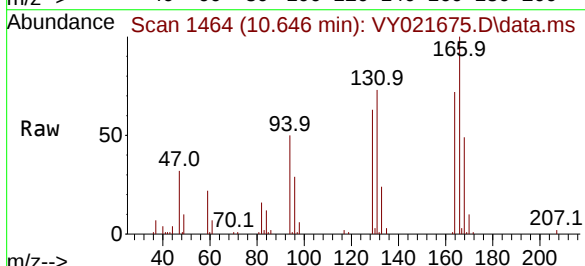
Ion Ratio Lower Upper

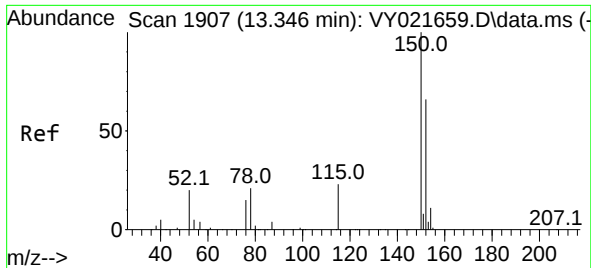
164 100

166 138.3 104.6 156.8

129 87.6 76.6 114.8

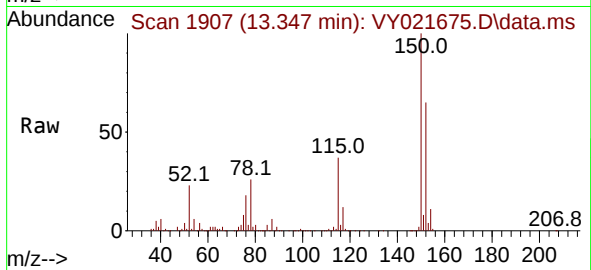
131 100.8 73.4 110.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021675.D
 Acq: 27 Mar 2025 18:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7



Tgt Ion:	152	Resp:	163681
Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.8	86.5
150	156.3	0.0	348.4

