

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021691.D
 Acq On : 28 Mar 2025 14:51
 Operator : SY/MD
 Sample : Q1648-13
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Mar 28 17:13:05 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)

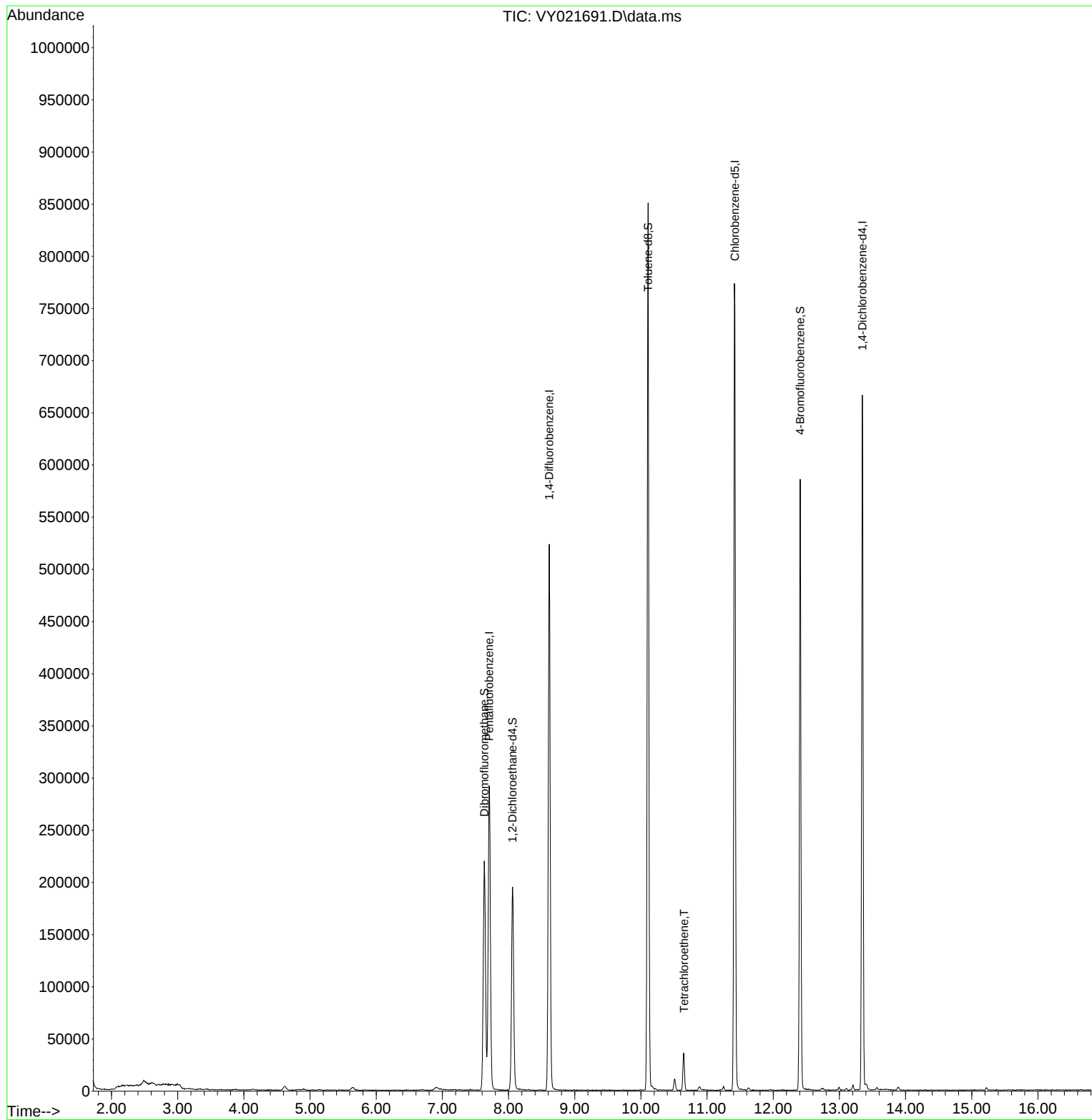
Internal Standards						
1) Pentafluorobenzene	7.707	168	217361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	424829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	401289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	162424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	155236	65.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.840%
35) Dibromofluoromethane	7.634	113	150234	54.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.040%
50) Toluene-d8	10.109	98	527017	50.269	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.407	95	166696	47.008	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.020%
Target Compounds						
64) Tetrachloroethene	10.652	164	7374	2.018	ug/l	Qvalue 86

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

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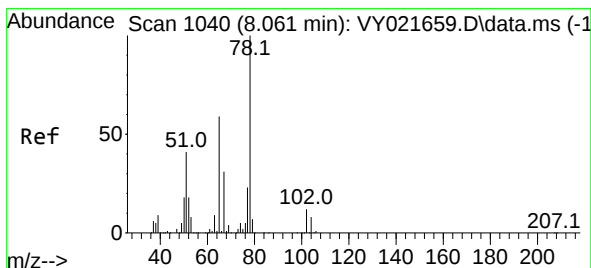
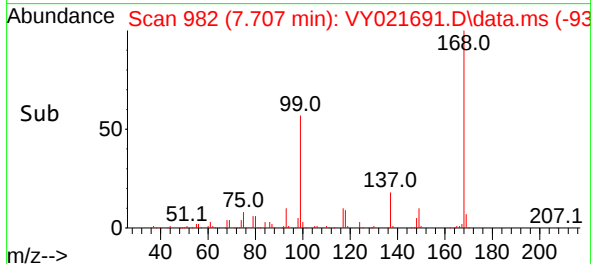
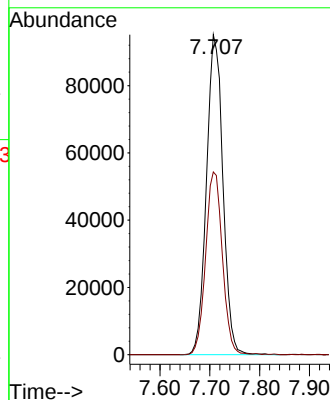
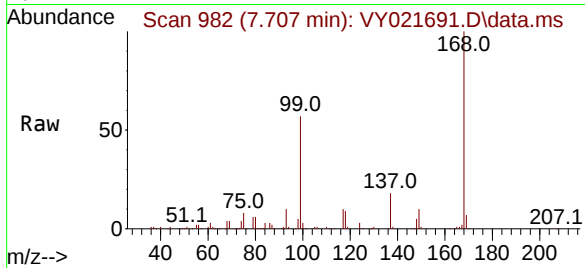




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY021691.D
Acq: 28 Mar 2025 14:51

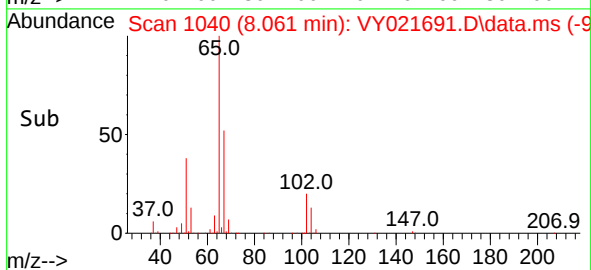
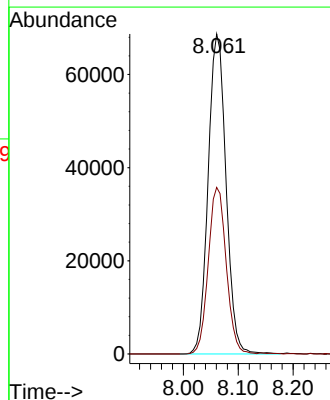
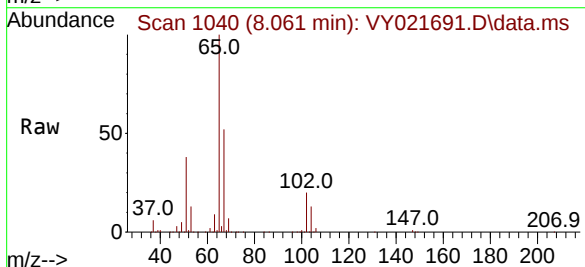
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

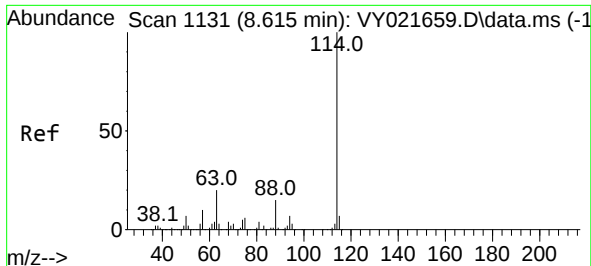
Tgt Ion:168 Resp: 217361
Ion Ratio Lower Upper
168 100
99 57.1 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 65.916 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021691.D
Acq: 28 Mar 2025 14:51

Tgt Ion: 65 Resp: 155236
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6

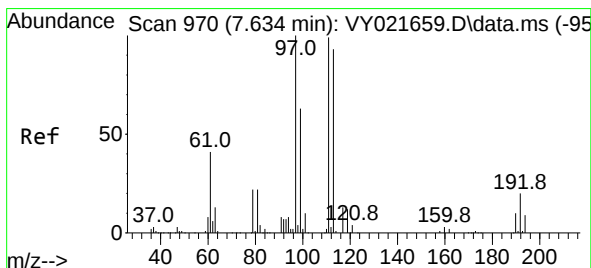
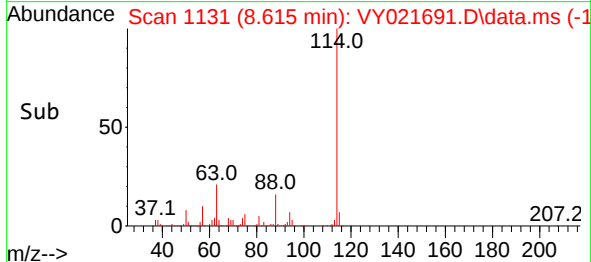
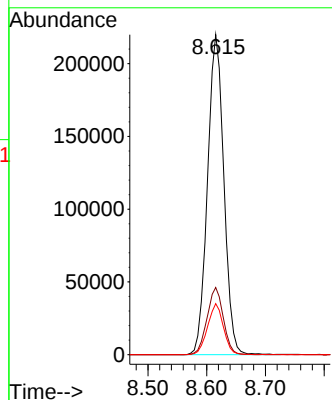
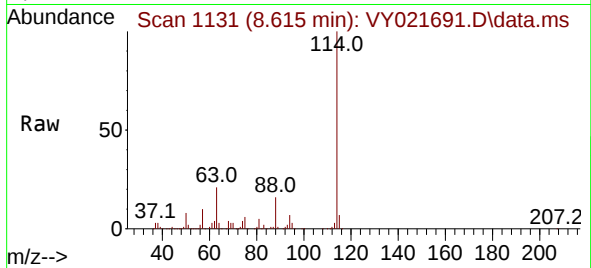




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021691.D
Acq: 28 Mar 2025 14:51

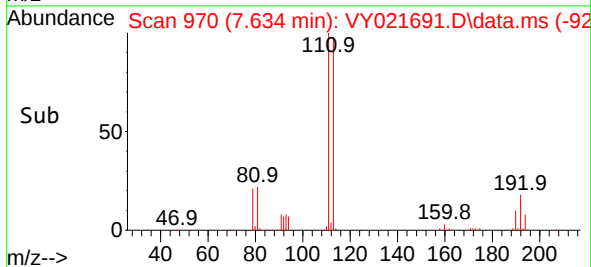
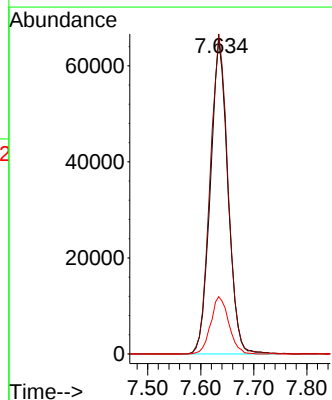
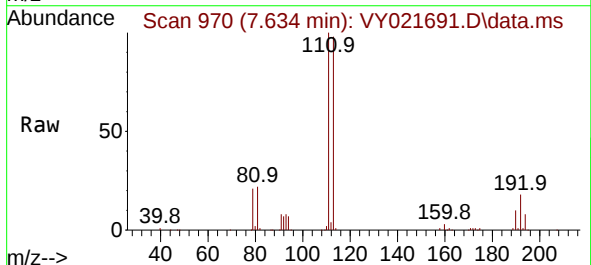
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

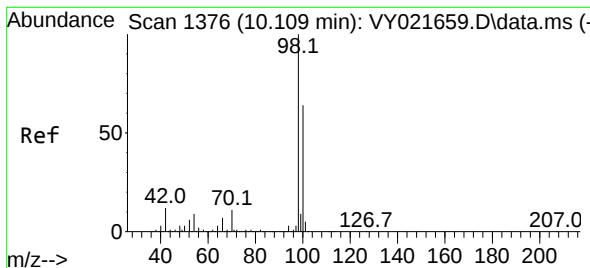
Tgt Ion:114 Resp: 424829
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.2
88 15.9 0.0 29.8



#35
Dibromofluoromethane
Concen: 54.516 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021691.D
Acq: 28 Mar 2025 14:51

Tgt Ion:113 Resp: 150234
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 18.8 16.2 24.4

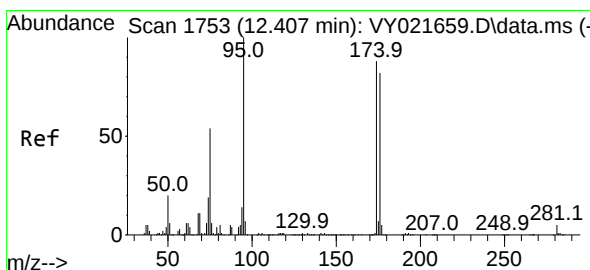
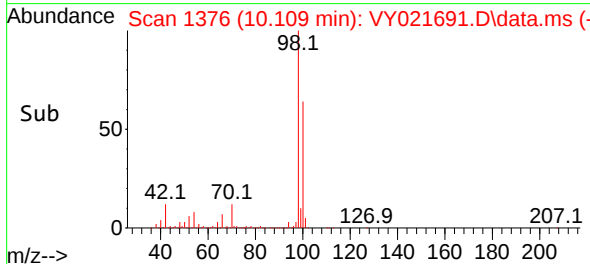
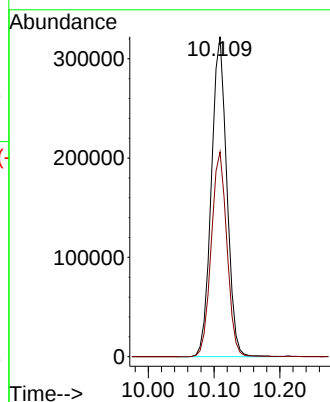
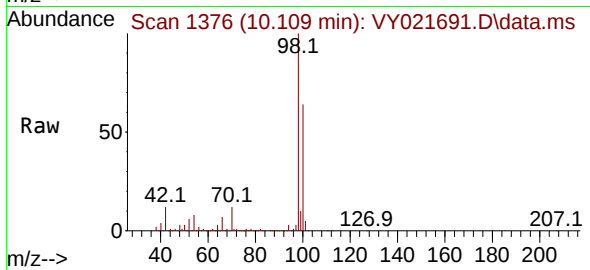




#50
Toluene-d8
Concen: 50.269 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021691.D
Acq: 28 Mar 2025 14:51

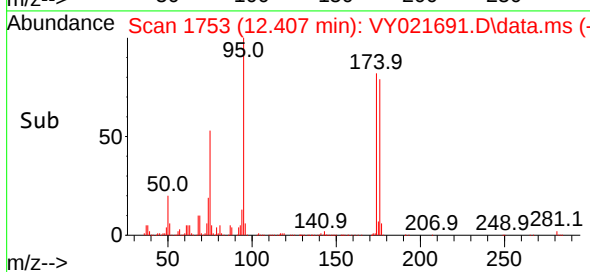
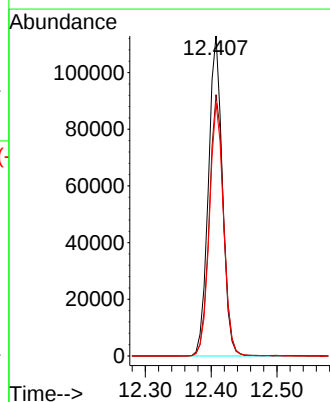
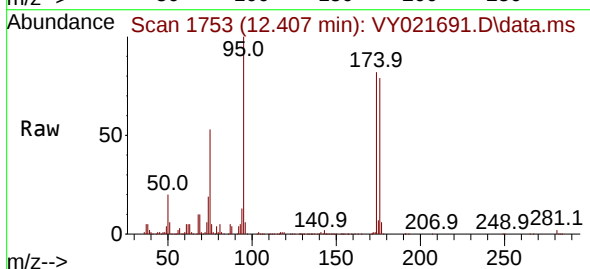
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

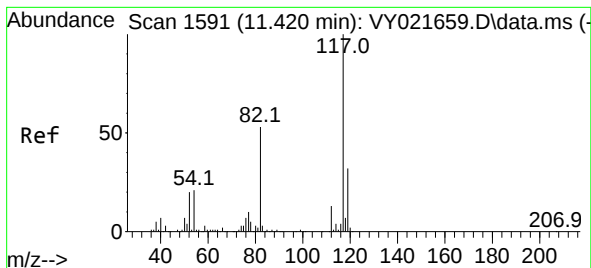
Tgt Ion: 98 Resp: 527017
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.008 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021691.D
Acq: 28 Mar 2025 14:51

Tgt Ion: 95 Resp: 166696
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.8
176 79.5 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021691.D

Acq: 28 Mar 2025 14:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

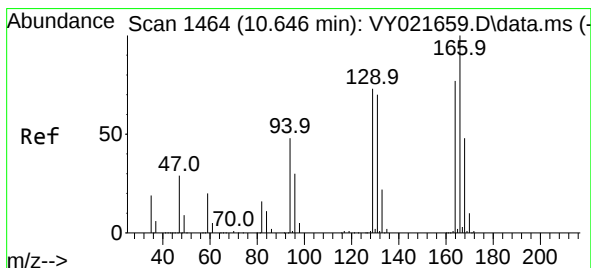
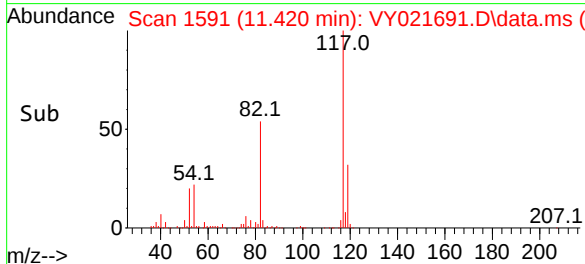
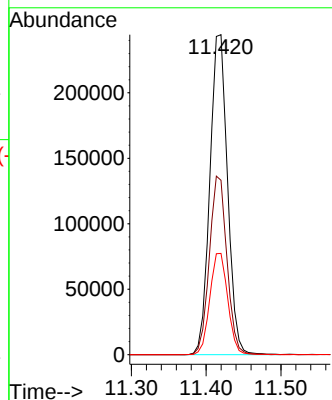
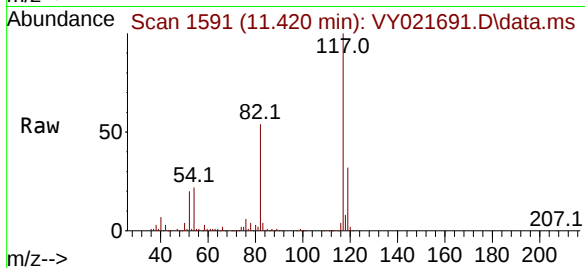
Tgt Ion:117 Resp: 401289

Ion Ratio Lower Upper

117 100

82 54.5 42.8 64.2

119 31.7 25.7 38.5



#64

Tetrachloroethene

Concen: 2.018 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY021691.D

Acq: 28 Mar 2025 14:51

Tgt Ion:164 Resp: 7374

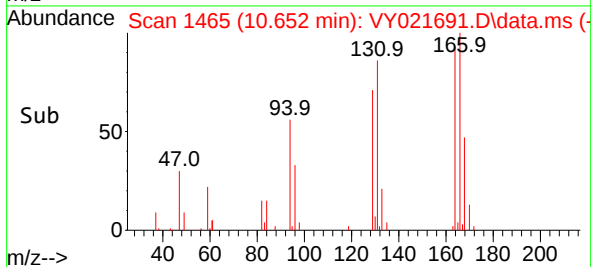
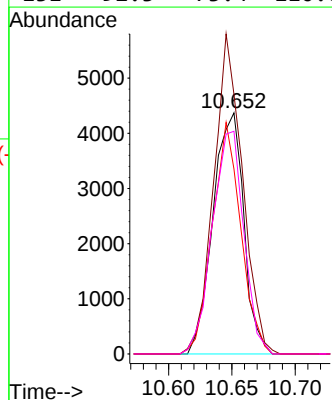
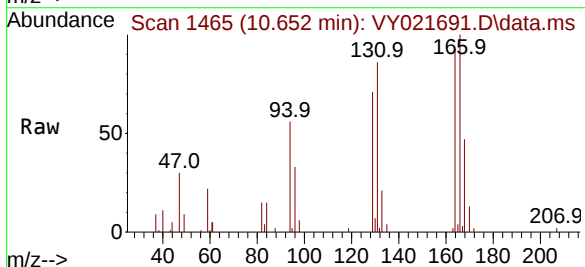
Ion Ratio Lower Upper

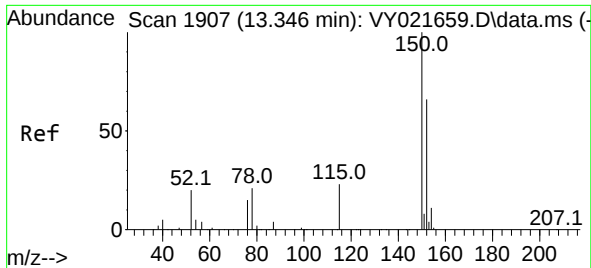
164 100

166 107.7 104.6 156.8

129 76.7 76.6 114.8

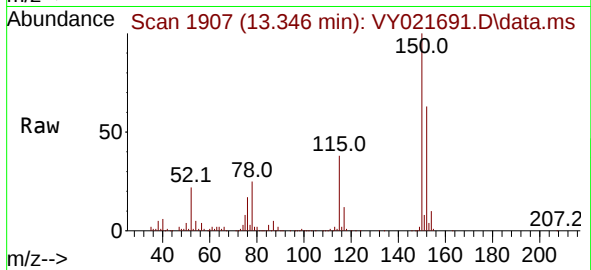
131 92.3 73.4 110.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021691.D
Acq: 28 Mar 2025 14:51

Instrument :
MSVOA_Y
ClientSampleId :
TP-2



Tgt Ion:152 Resp: 162424
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 154.7 0.0 348.4

