

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070125\
 Data File : VY022896.D
 Acq On : 01 Jul 2025 12:57
 Operator : SY/MD
 Sample : Q2447-05
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Jul 02 02:46:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

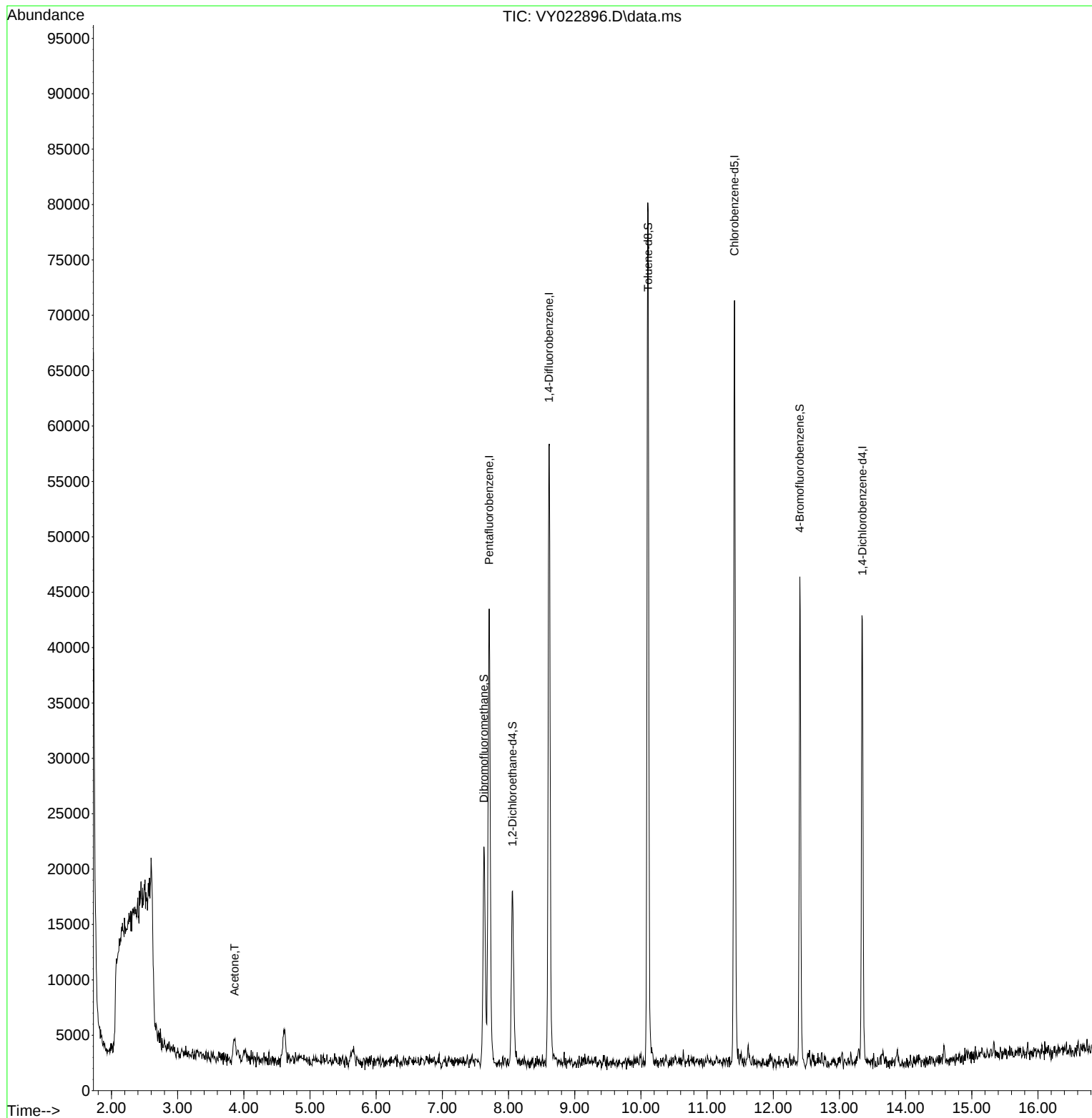
Internal Standards						
1) Pentafluorobenzene	7.707	168	30499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	49087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	36600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	10140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	12508	36.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.500%
35) Dibromofluoromethane	7.628	113	13794	46.207	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.420%
50) Toluene-d8	10.109	98	54671	46.152	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.300%
62) 4-Bromofluorobenzene	12.402	95	13016	34.180	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.360%
Target Compounds						
16) Acetone	3.861	43	4036	62.731	ug/l	98

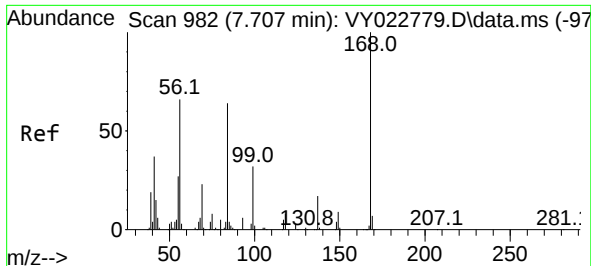
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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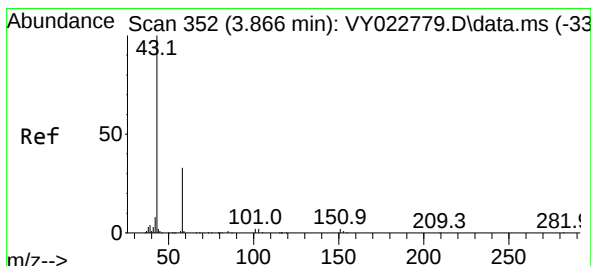
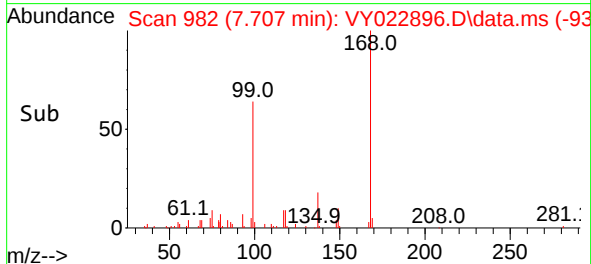
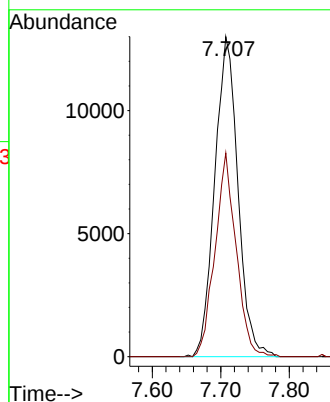
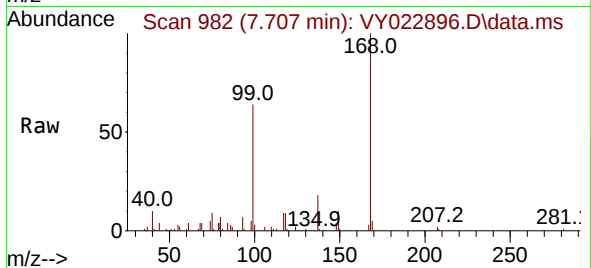




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022896.D
Acq: 01 Jul 2025 12:57

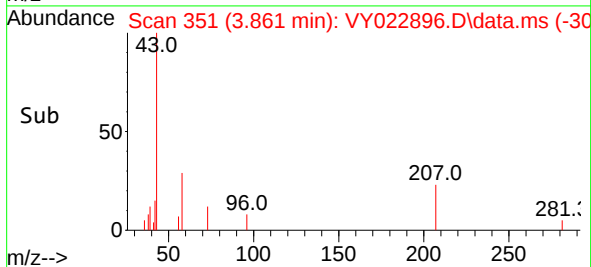
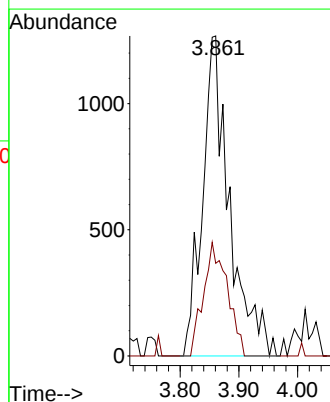
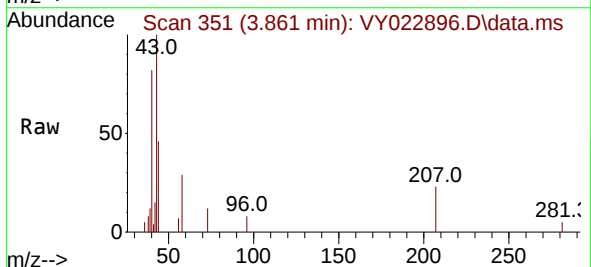
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

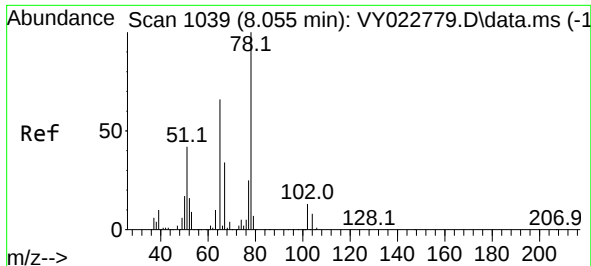
Tgt Ion:168 Resp: 30499
Ion Ratio Lower Upper
168 100
99 63.7 44.3 66.5



#16
Acetone
Concen: 62.731 ug/l
RT: 3.861 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY022896.D
Acq: 01 Jul 2025 12:57

Tgt Ion: 43 Resp: 4036
Ion Ratio Lower Upper
43 100
58 28.9 24.0 36.0





#33

1,2-Dichloroethane-d4

Concen: 36.745 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022896.D

Acq: 01 Jul 2025 12:57

Instrument :

MSVOA_Y

ClientSampleId :

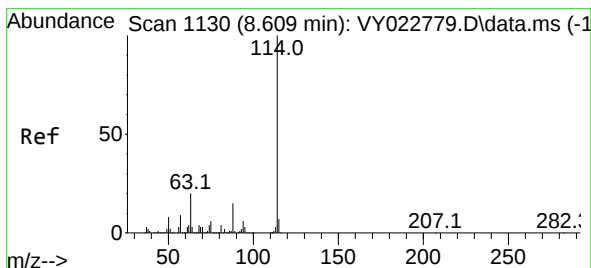
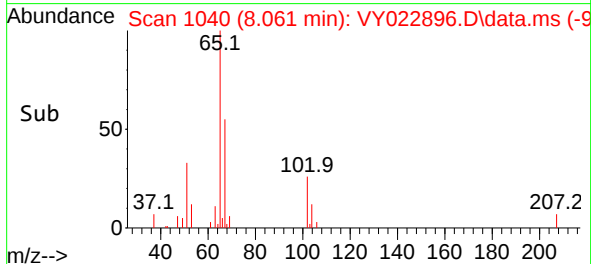
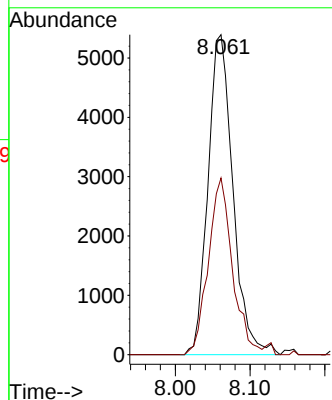
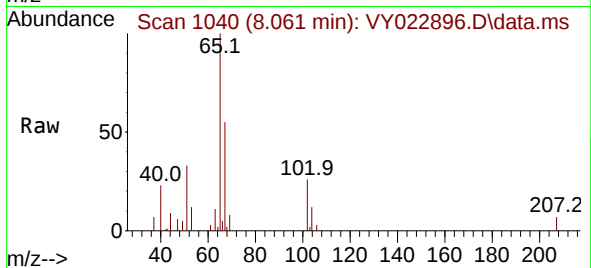
COMP-2

Tgt Ion: 65 Resp: 12508

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022896.D

Acq: 01 Jul 2025 12:57

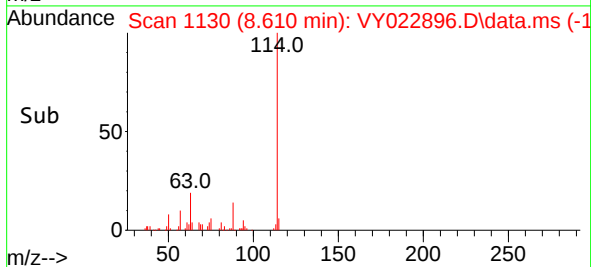
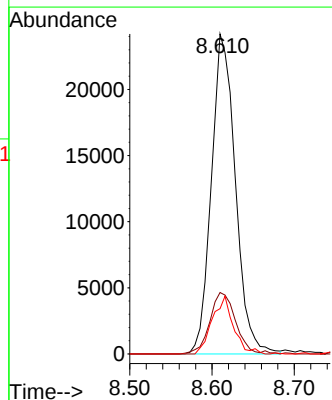
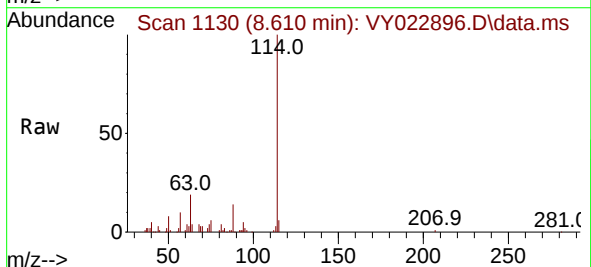
Tgt Ion: 114 Resp: 49087

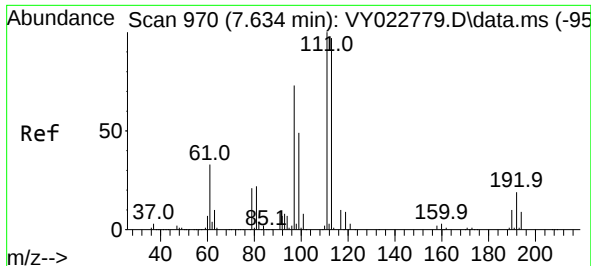
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

88 14.2 0.0 27.8

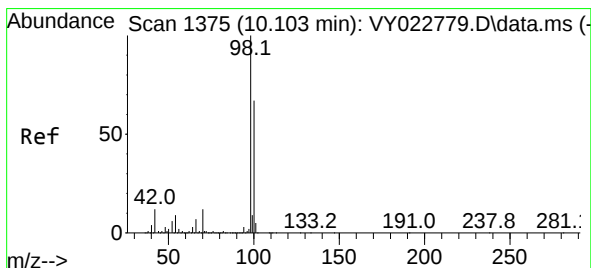
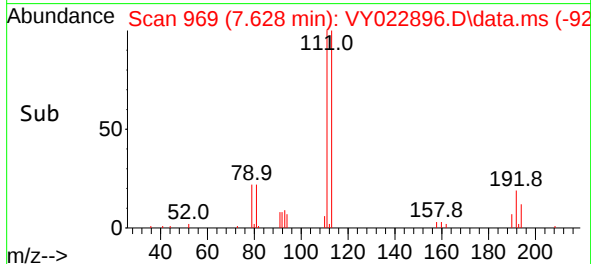
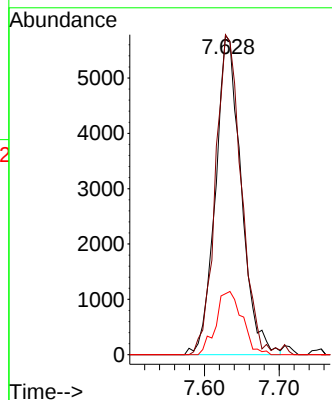
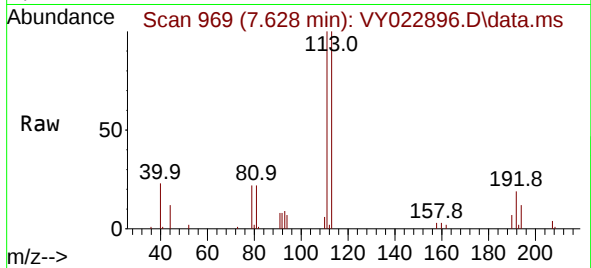




#35
Dibromofluoromethane
Concen: 46.207 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022896.D
Acq: 01 Jul 2025 12:57

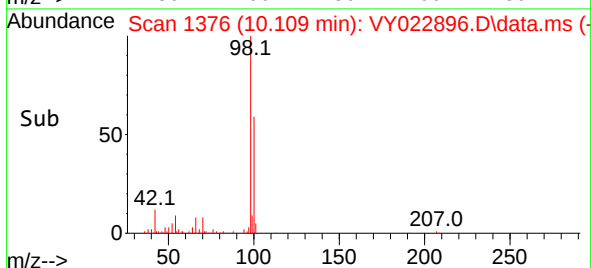
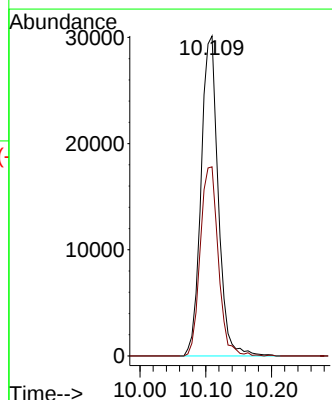
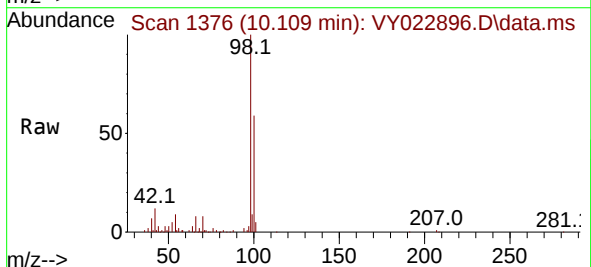
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

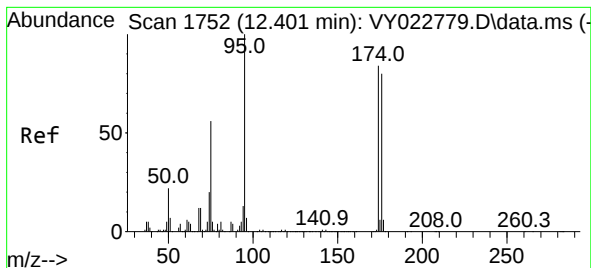
Tgt Ion:113 Resp: 13794
Ion Ratio Lower Upper
113 100
111 100.9 81.1 121.7
192 20.3 14.2 21.2



#50
Toluene-d8
Concen: 46.152 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022896.D
Acq: 01 Jul 2025 12:57

Tgt Ion: 98 Resp: 54671
Ion Ratio Lower Upper
98 100
100 62.0 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 34.180 ug/l

RT: 12.402 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022896.D

Acq: 01 Jul 2025 12:57

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

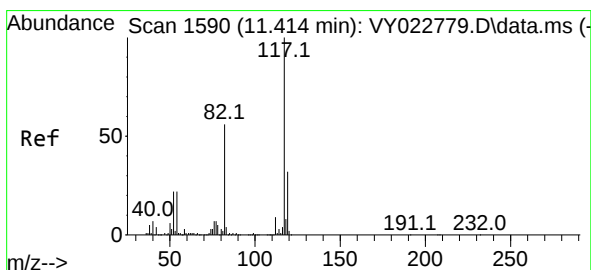
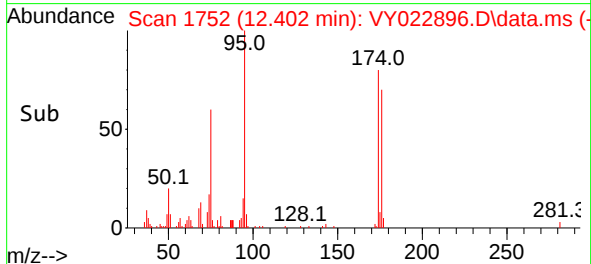
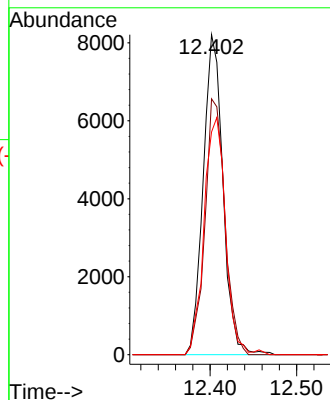
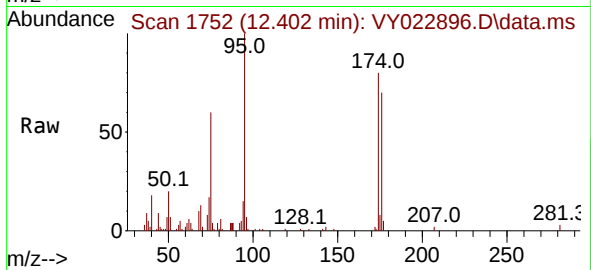
Tgt Ion: 95 Resp: 13016

Ion Ratio Lower Upper

95 100

174 81.0 0.0 170.0

176 79.8 0.0 166.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY022896.D

Acq: 01 Jul 2025 12:57

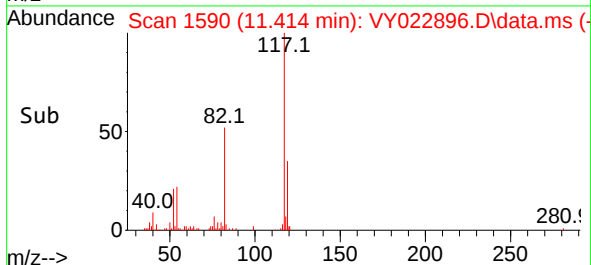
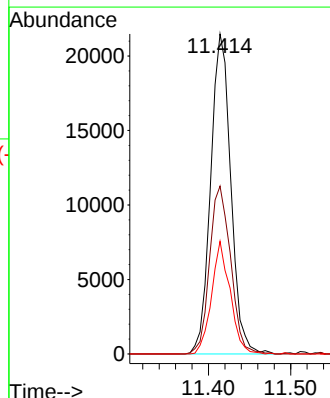
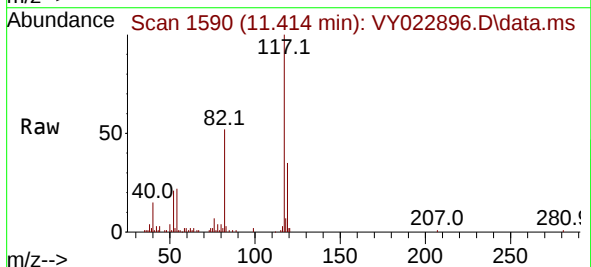
Tgt Ion: 117 Resp: 36600

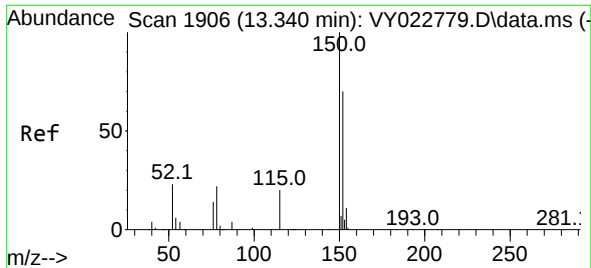
Ion Ratio Lower Upper

117 100

82 52.4 44.6 66.8

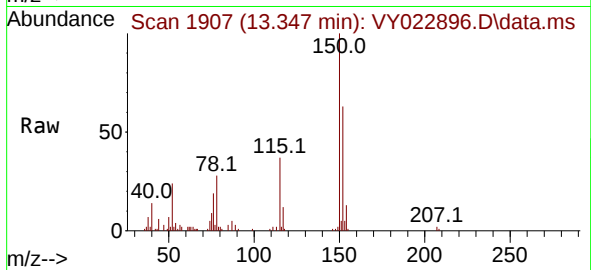
119 35.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY022896.D
 Acq: 01 Jul 2025 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2



Tgt Ion:	152	Resp:	10140
Ion	Ratio	Lower	Upper
152	100		
115	53.9	28.9	86.7
150	158.7	0.0	349.6

