

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102325\
 Data File : VT019166.D
 Acq On : 23 Oct 2025 11:50
 Operator : SY/MD
 Sample : VT1023WBL01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1023WBL01

Quant Time: Oct 24 06:41:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:37:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.066	128	20258	30.000	ug/l	#-0.01
28) 1,4-Difluorobenzene	8.564	114	140790	30.000	ug/l	-0.01
57) Chlorobenzene-d5	11.743	117	114298	30.000	ug/l	-0.01

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.959	65	58385	32.896	ug/l	-0.01
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.667%
60) 4-Bromofluorobenzene	12.871	95	50277	27.988	ug/l	-0.02
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.300%
63) Toluene-d8	10.245	98	166305	29.894	ug/l	-0.01
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.633%

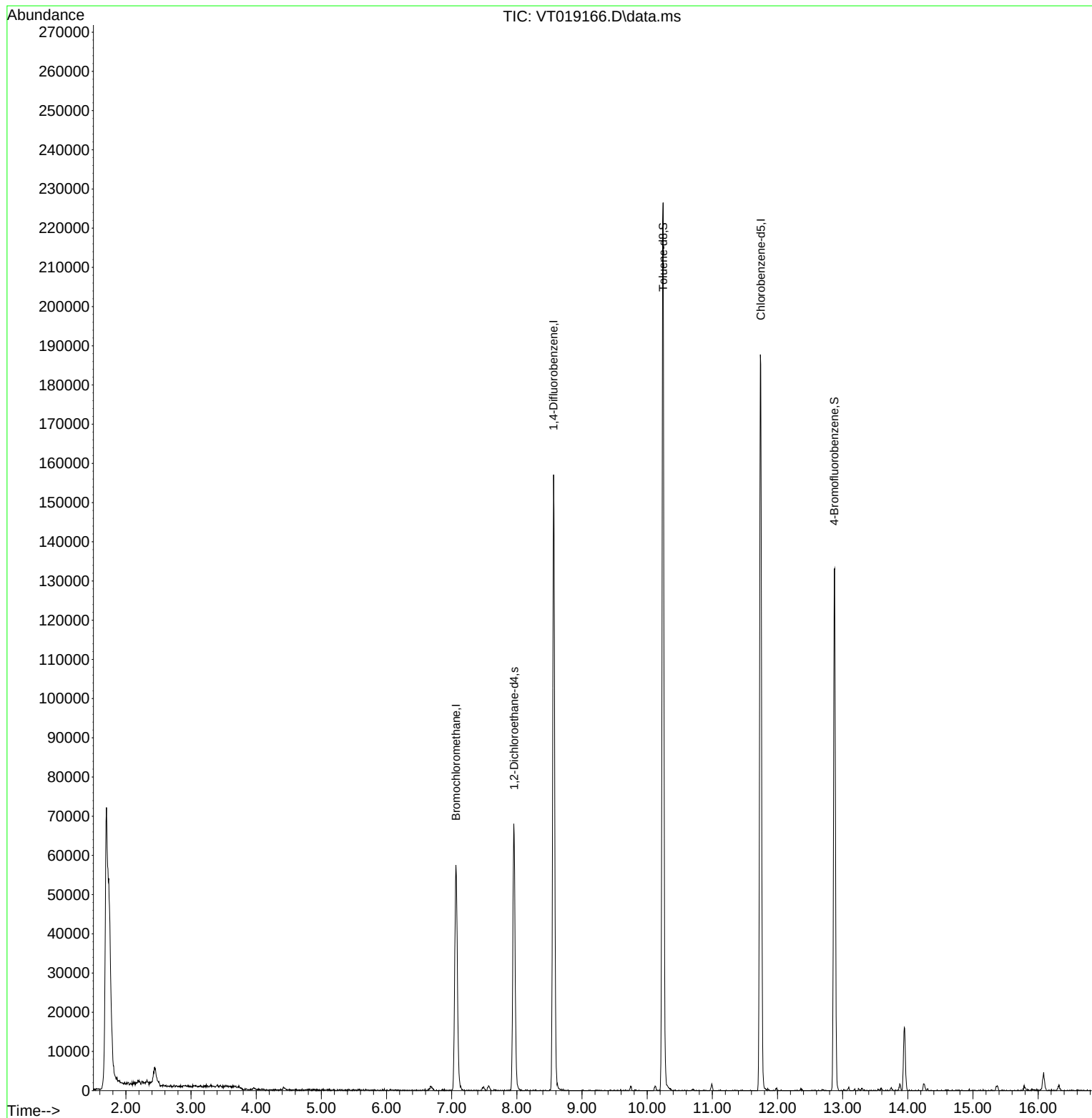
Target Compounds	Qvalue

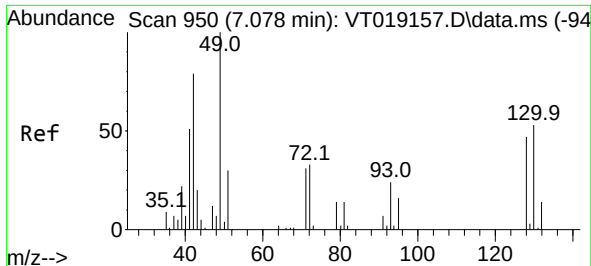
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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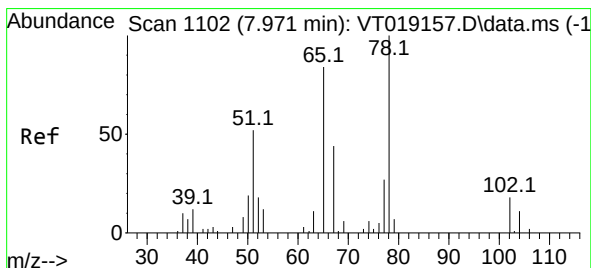
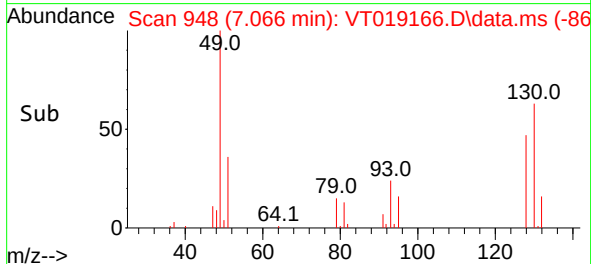
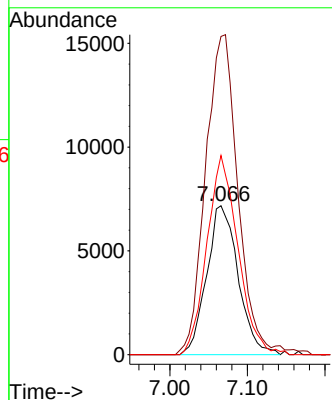
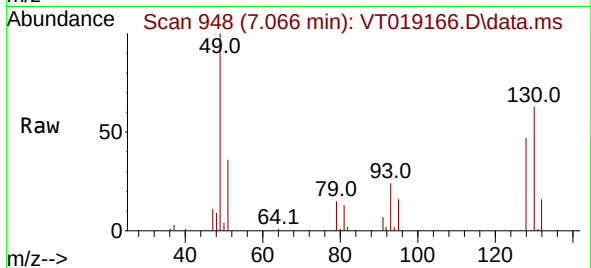




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.066 min Scan# 94
Delta R.T. -0.012 min
Lab File: VT019166.D
Acq: 23 Oct 2025 11:50

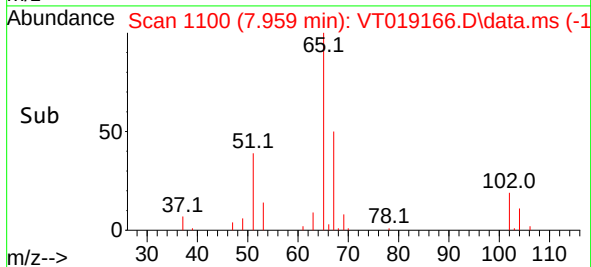
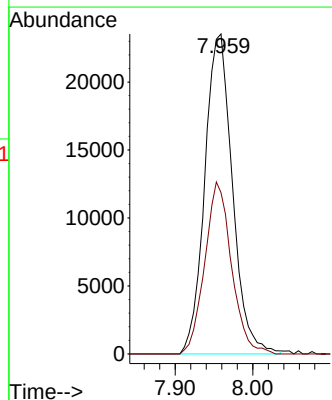
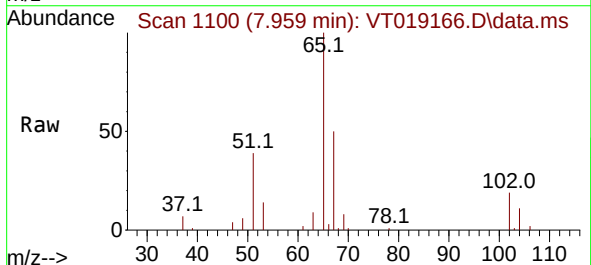
Instrument :
MSVOA_T
ClientSampleId :
VT1023WBL01

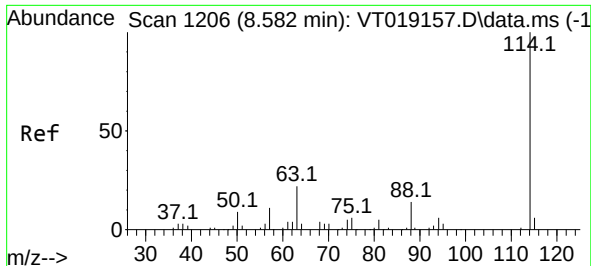
Tgt Ion:128 Resp: 20258
Ion Ratio Lower Upper
128 100
49 218.7 0.0 0.0#
130 132.3 0.0 0.0#



#27
1,2-Dichloroethane-d4
Concen: 32.896 ug/l
RT: 7.959 min Scan# 1100
Delta R.T. -0.012 min
Lab File: VT019166.D
Acq: 23 Oct 2025 11:50

Tgt Ion: 65 Resp: 58385
Ion Ratio Lower Upper
65 100
67 51.9 40.7 61.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.564 min Scan# 11

Delta R.T. -0.012 min

Lab File: VT019166.D

Acq: 23 Oct 2025 11:50

Instrument :

MSVOA_T

ClientSampleId :

VT1023WBL01

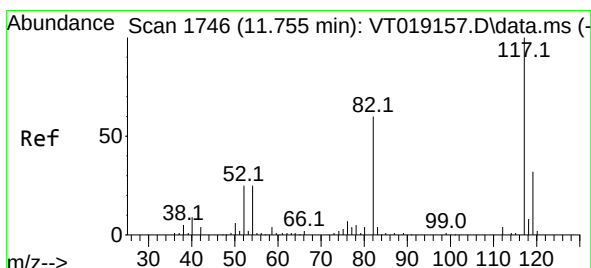
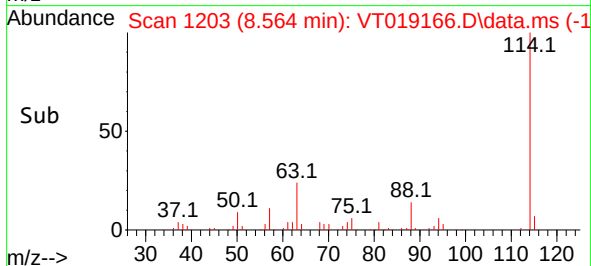
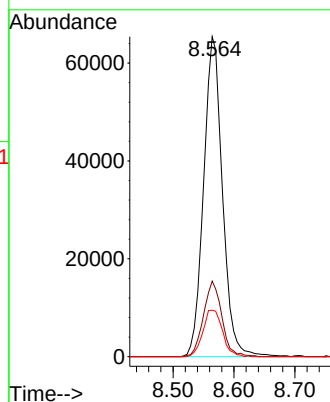
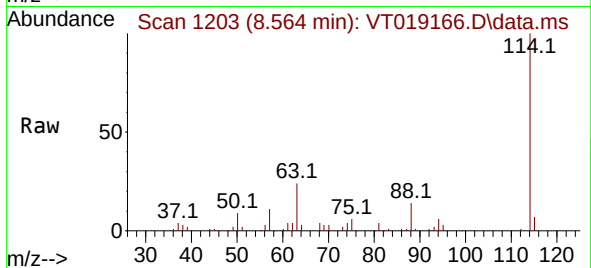
Tgt Ion:114 Resp: 140790

Ion Ratio Lower Upper

114 100

63 22.9 17.4 26.0

88 15.0 13.0 19.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.743 min Scan# 1744

Delta R.T. -0.012 min

Lab File: VT019166.D

Acq: 23 Oct 2025 11:50

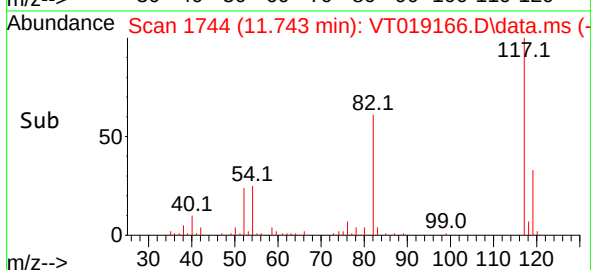
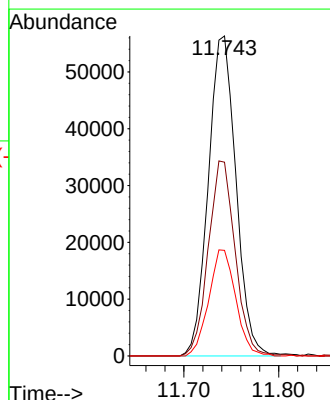
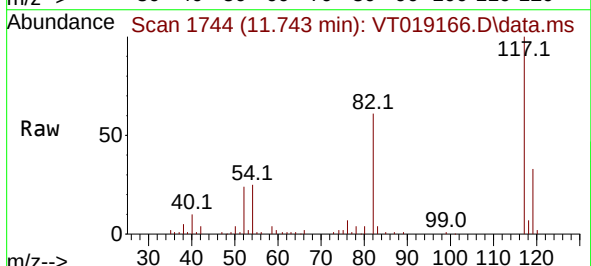
Tgt Ion:117 Resp: 114298

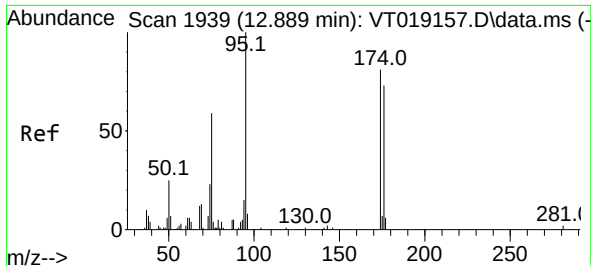
Ion Ratio Lower Upper

117 100

82 59.1 46.0 69.0

119 32.3 25.8 38.8

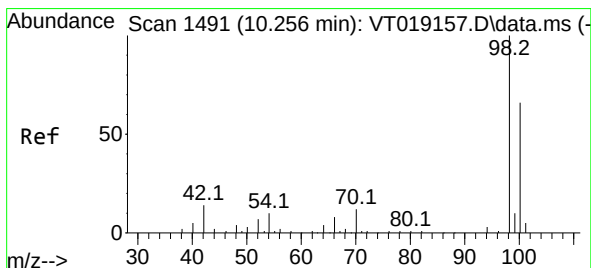
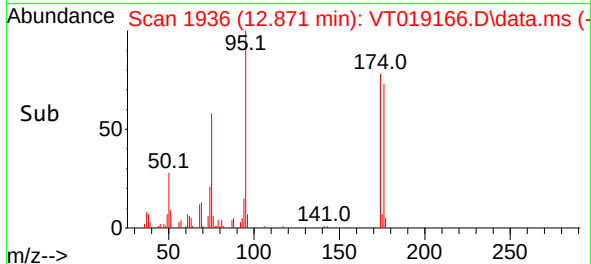
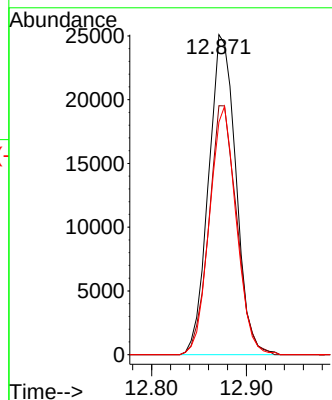
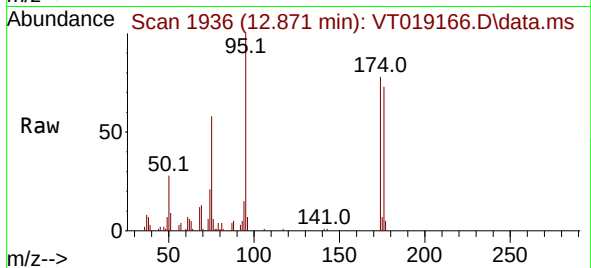




#60
4-Bromofluorobenzene
Concen: 27.988 ug/l
RT: 12.871 min Scan# 1936
Delta R.T. -0.018 min
Lab File: VT019166.D
Acq: 23 Oct 2025 11:50

Instrument :
MSVOA_T
ClientSampleId :
VT1023WBL01

Tgt Ion: 95 Resp: 50277
Ion Ratio Lower Upper
95 100
174 78.7 57.5 86.3
176 75.9 56.4 84.6



#63
Toluene-d8
Concen: 29.894 ug/l
RT: 10.245 min Scan# 1489
Delta R.T. -0.011 min
Lab File: VT019166.D
Acq: 23 Oct 2025 11:50

Tgt Ion: 98 Resp: 166305
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3

