

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102425\
 Data File : VT019175.D
 Acq On : 24 Oct 2025 10:59
 Operator : SY/MD
 Sample : VT1024WBL01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1024WBL01

Quant Time: Oct 25 01:42:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.048	128	21781	30.000	ug/l	#-0.03
28) 1,4-Difluorobenzene	8.553	114	144153	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.725	117	116258	30.000	ug/l	-0.03

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.941	65	59385	31.120	ug/l	-0.03
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.733%
60) 4-Bromofluorobenzene	12.859	95	51849	28.377	ug/l	-0.03
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.600%
63) Toluene-d8	10.227	98	168682	29.810	ug/l	-0.03
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.367%

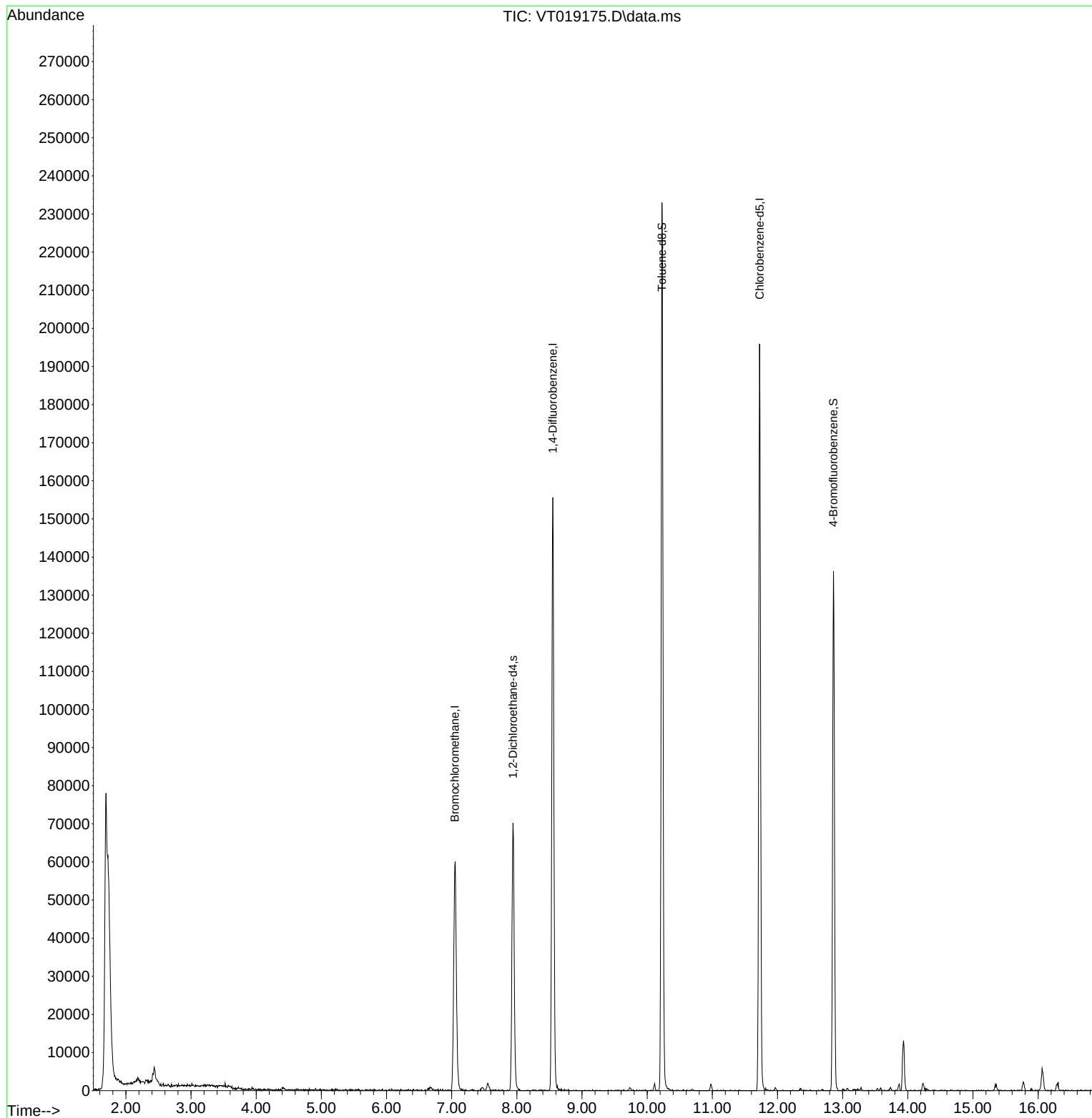
Target Compounds	Qvalue

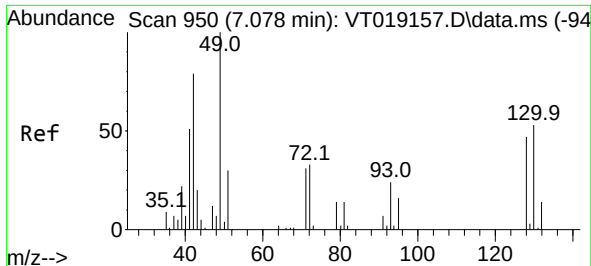
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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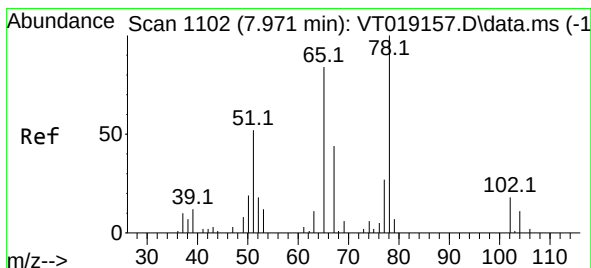
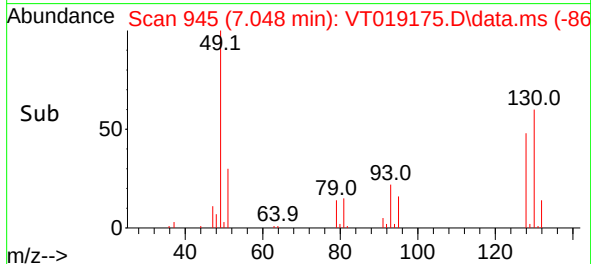
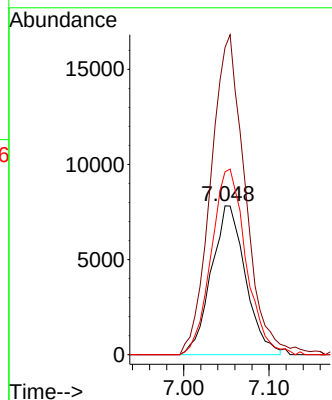
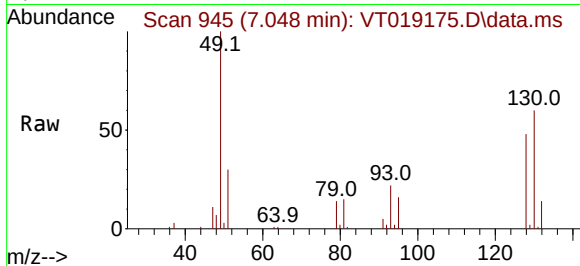




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.048 min Scan# 94
Delta R.T. -0.030 min
Lab File: VT019175.D
Acq: 24 Oct 2025 10:59

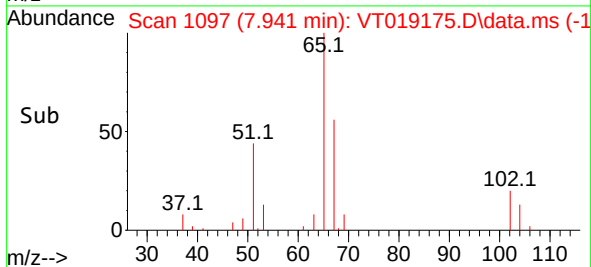
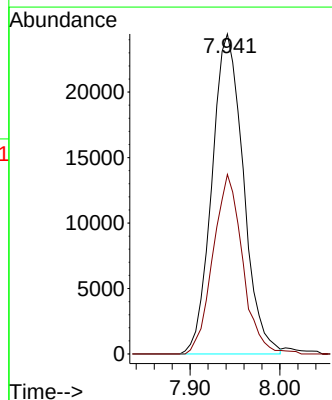
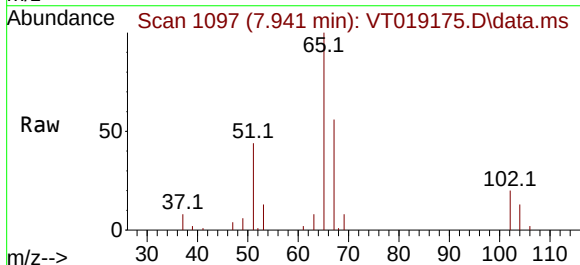
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBL01

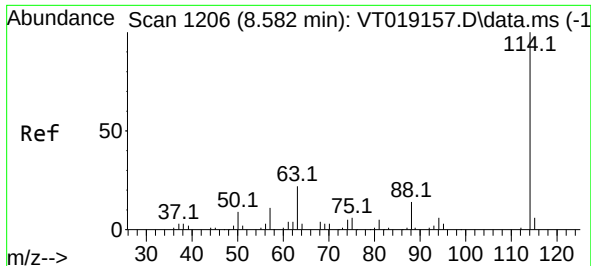
Tgt Ion:128 Resp: 21781
Ion Ratio Lower Upper
128 100
49 216.7 0.0 0.0#
130 126.8 0.0 0.0#



#27
1,2-Dichloroethane-d4
Concen: 31.120 ug/l
RT: 7.941 min Scan# 1097
Delta R.T. -0.030 min
Lab File: VT019175.D
Acq: 24 Oct 2025 10:59

Tgt Ion: 65 Resp: 59385
Ion Ratio Lower Upper
65 100
67 52.5 40.7 61.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.553 min Scan# 11

Delta R.T. -0.023 min

Lab File: VT019175.D

Acq: 24 Oct 2025 10:59

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBL01

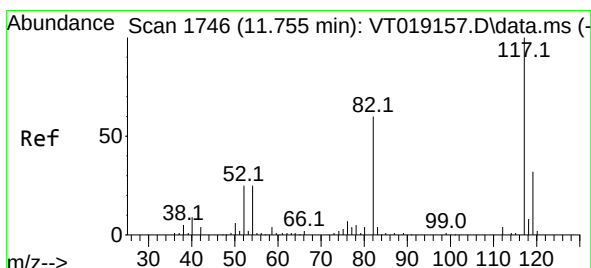
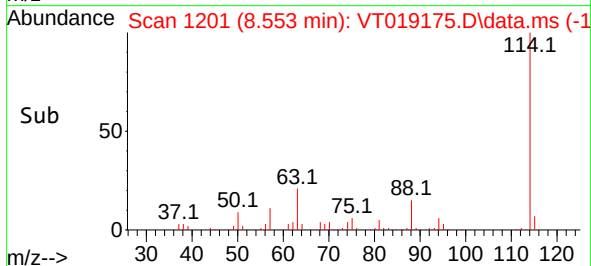
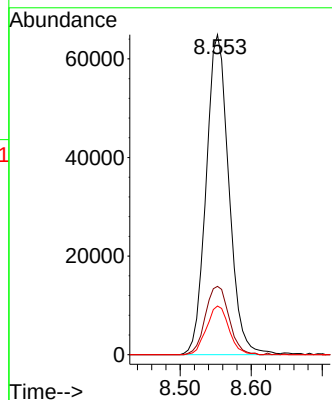
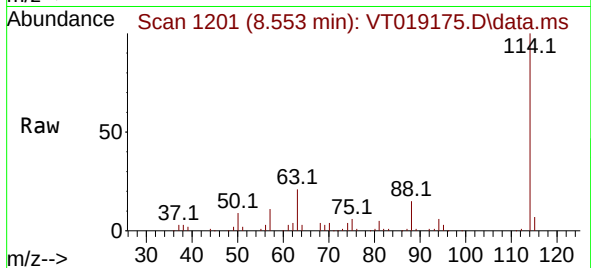
Tgt Ion:114 Resp: 144153

Ion Ratio Lower Upper

114 100

63 22.2 17.4 26.0

88 15.0 13.0 19.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.725 min Scan# 1741

Delta R.T. -0.030 min

Lab File: VT019175.D

Acq: 24 Oct 2025 10:59

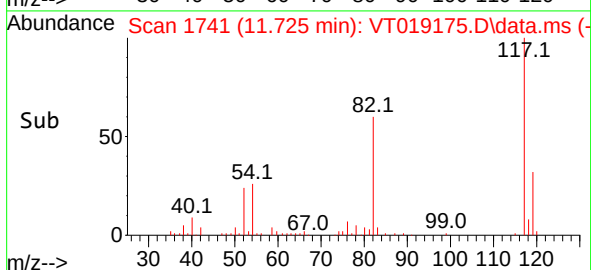
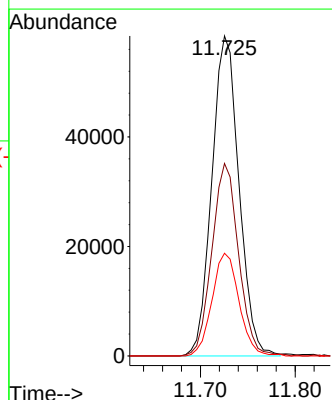
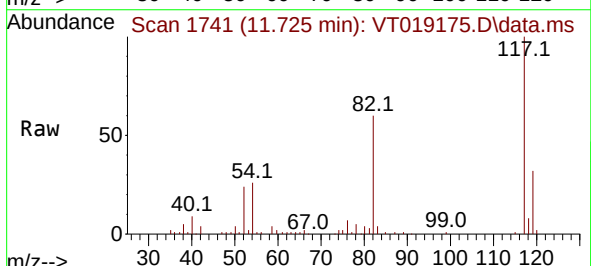
Tgt Ion:117 Resp: 116258

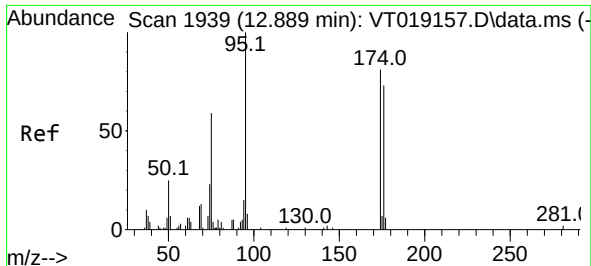
Ion Ratio Lower Upper

117 100

82 59.1 46.0 69.0

119 31.8 25.8 38.8

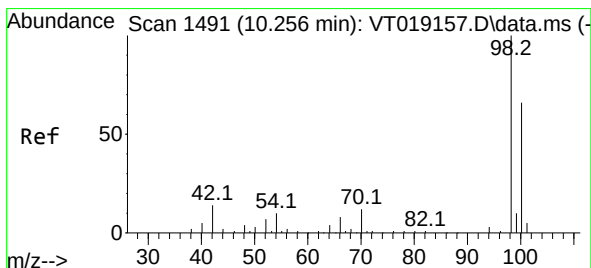
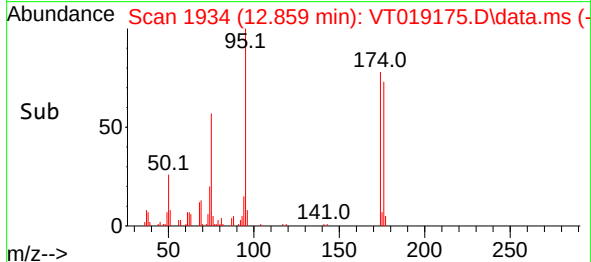
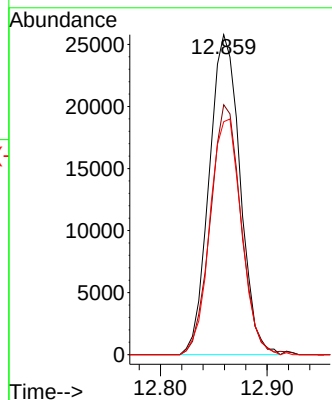
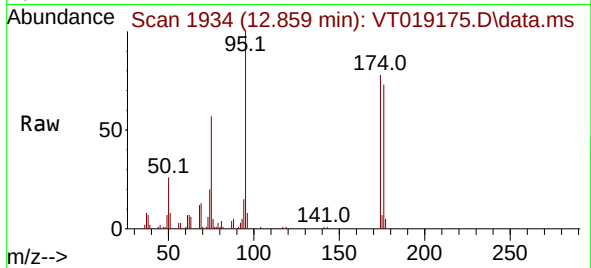




#60
4-Bromofluorobenzene
Concen: 28.377 ug/l
RT: 12.859 min Scan# 1934
Delta R.T. -0.030 min
Lab File: VT019175.D
Acq: 24 Oct 2025 10:59

Instrument :
MSVOA_T
ClientSampleId :
VT1024WBL01

Tgt Ion: 95 Resp: 51849
Ion Ratio Lower Upper
95 100
174 77.0 57.5 86.3
176 75.4 56.4 84.6



#63
Toluene-d8
Concen: 29.810 ug/l
RT: 10.227 min Scan# 1486
Delta R.T. -0.029 min
Lab File: VT019175.D
Acq: 24 Oct 2025 10:59

Tgt Ion: 98 Resp: 168682
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3

