

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019187.D
 Acq On : 27 Oct 2025 9:39
 Operator : SY/MD
 Sample : VT1027WBL02
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1027WBL02

Quant Time: Oct 28 05:53:05 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	7.030	128	25840	30.000	ug/l	#-0.05
28) 1,4-Difluorobenzene	8.529	114	174941	30.000	ug/l	-0.05
57) Chlorobenzene-d5	11.707	117	143098	30.000	ug/l	-0.05

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.918	65	70568	31.172	ug/l	-0.05
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.900%
60) 4-Bromofluorobenzene	12.835	95	61875	27.512	ug/l	-0.05
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.700%
63) Toluene-d8	10.209	98	203568	29.227	ug/l	-0.05
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.433%

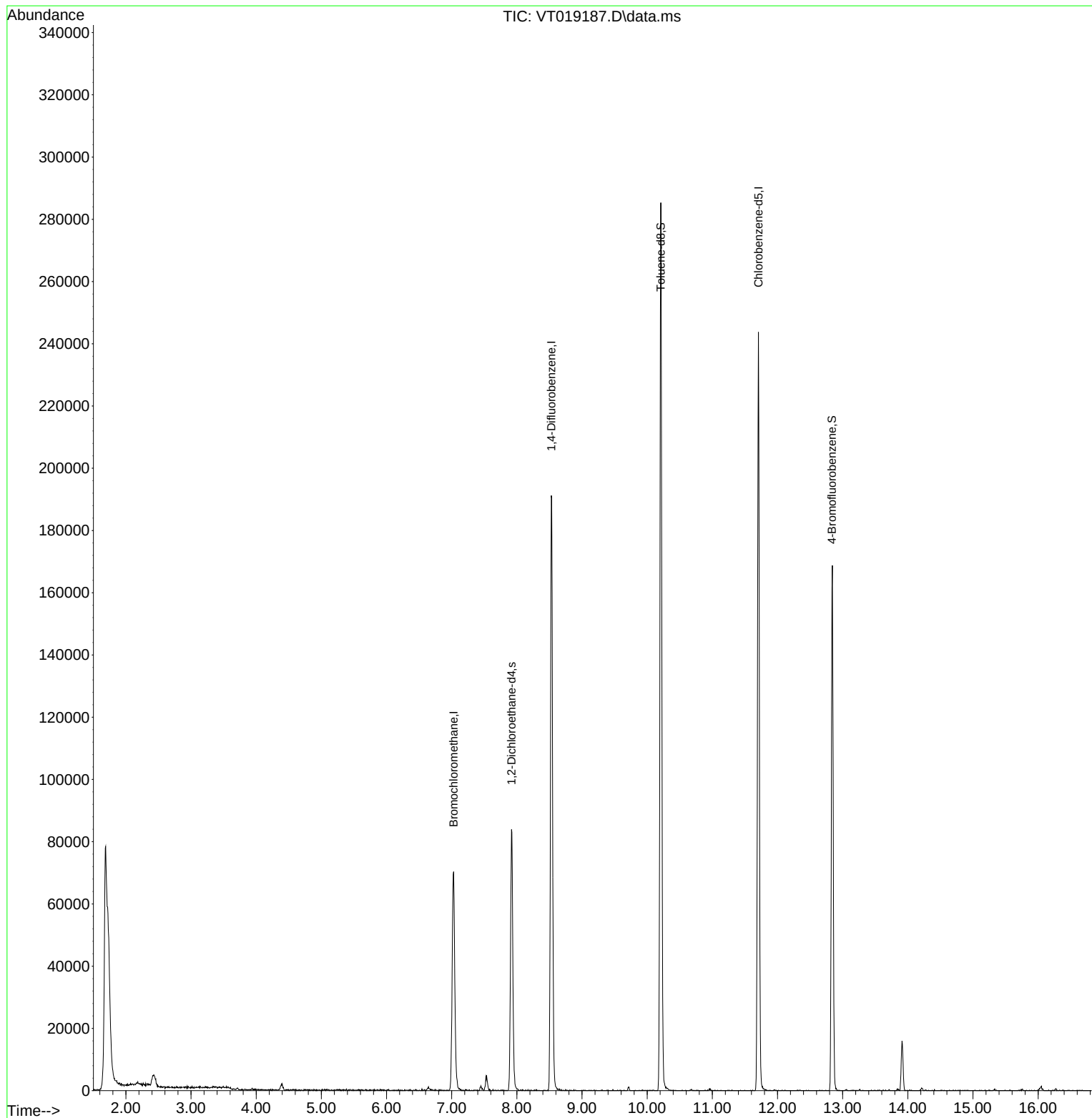
Target Compounds	Qvalue

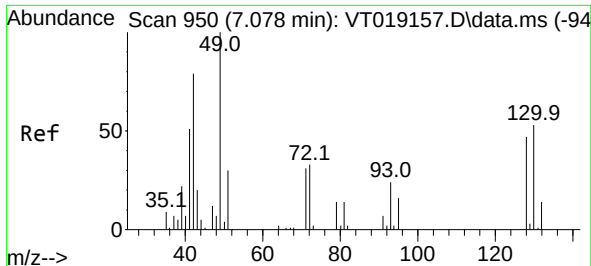
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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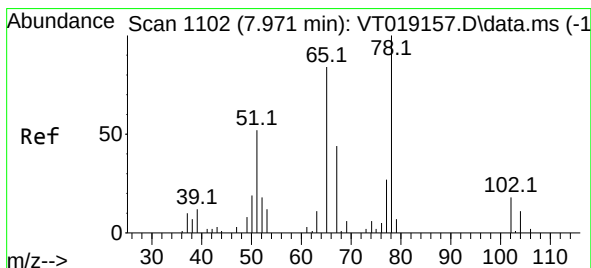
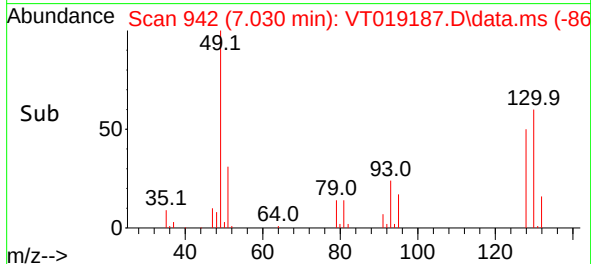
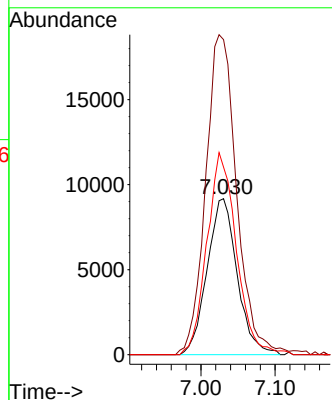
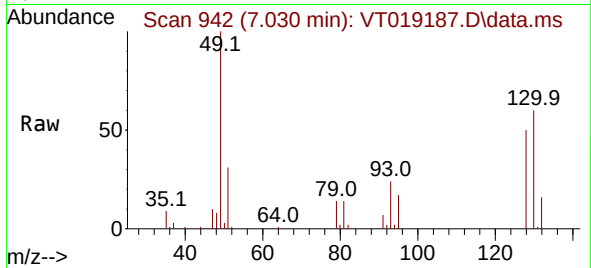




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.030 min Scan# 94
Delta R.T. -0.048 min
Lab File: VT019187.D
Acq: 27 Oct 2025 9:39

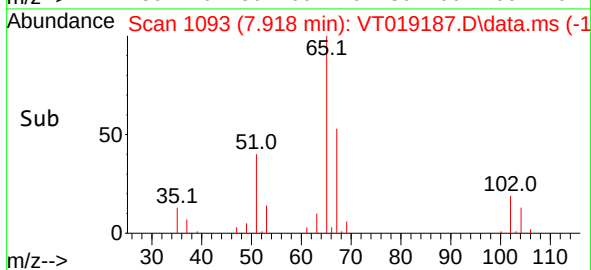
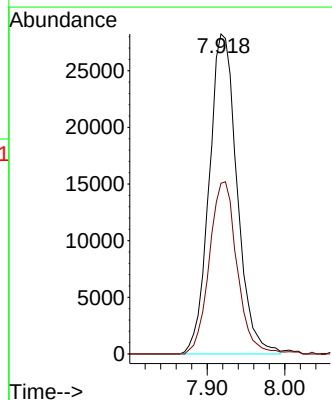
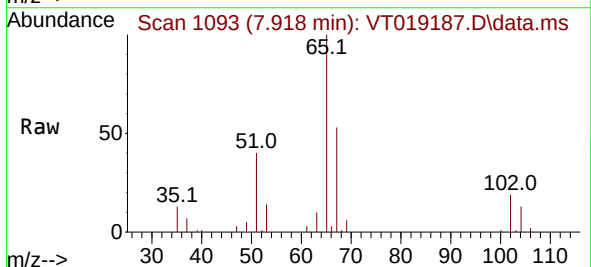
Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL02

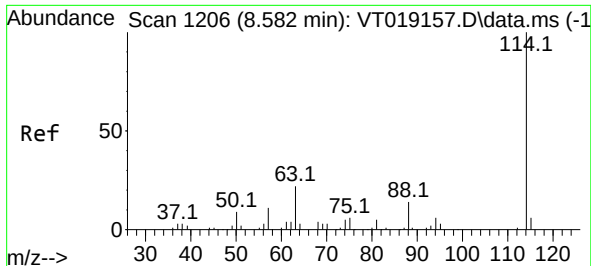
Tgt Ion:128 Resp: 25840
Ion Ratio Lower Upper
128 100
49 211.3 0.0 0.0#
130 126.3 0.0 0.0#



#27
1,2-Dichloroethane-d4
Concen: 31.172 ug/l
RT: 7.918 min Scan# 1093
Delta R.T. -0.053 min
Lab File: VT019187.D
Acq: 27 Oct 2025 9:39

Tgt Ion: 65 Resp: 70568
Ion Ratio Lower Upper
65 100
67 53.4 40.7 61.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.529 min Scan# 1197

Delta R.T. -0.047 min

Lab File: VT019187.D

Acq: 27 Oct 2025 9:39

Instrument :

MSVOA_T

ClientSampleId :

VT1027WBL02

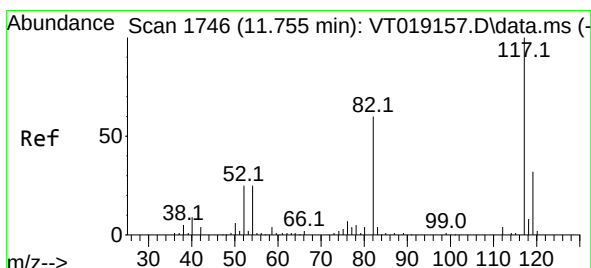
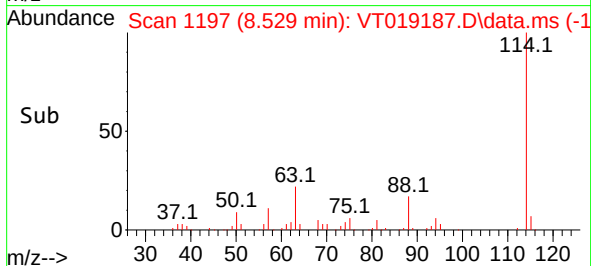
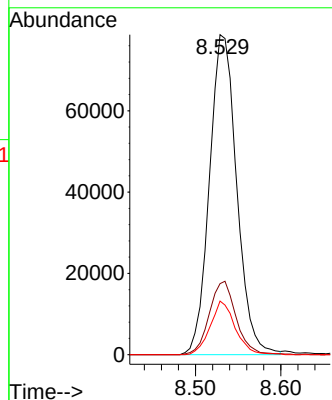
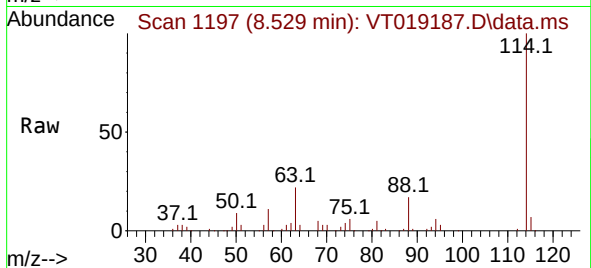
Tgt Ion:114 Resp: 174941

Ion Ratio Lower Upper

114 100

63 22.6 17.4 26.0

88 15.3 13.0 19.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.707 min Scan# 1738

Delta R.T. -0.048 min

Lab File: VT019187.D

Acq: 27 Oct 2025 9:39

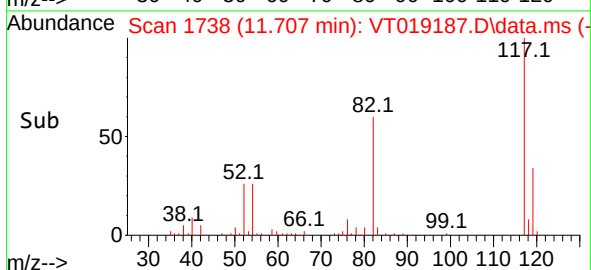
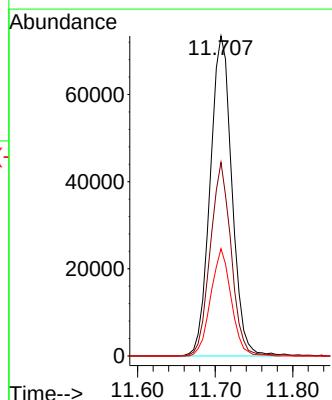
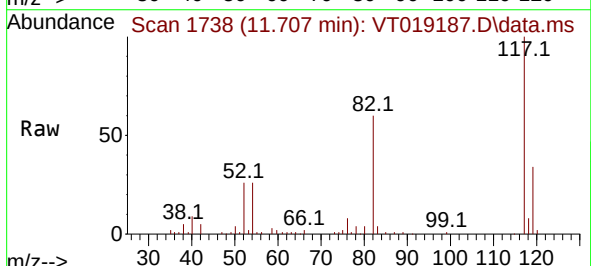
Tgt Ion:117 Resp: 143098

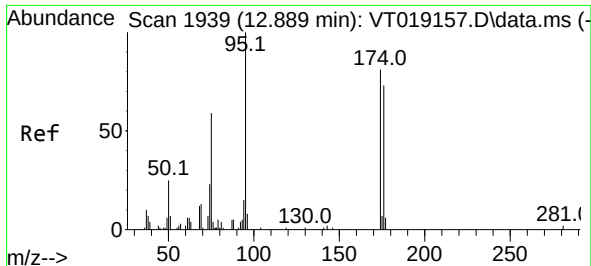
Ion Ratio Lower Upper

117 100

82 58.0 46.0 69.0

119 31.6 25.8 38.8

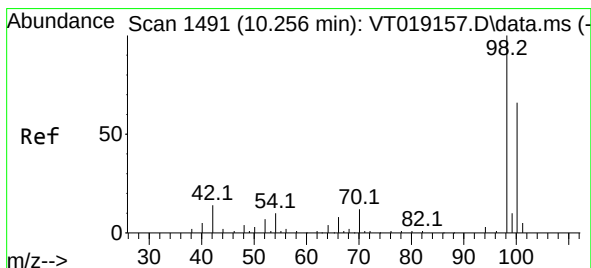
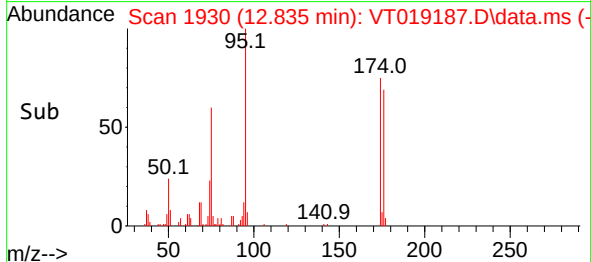
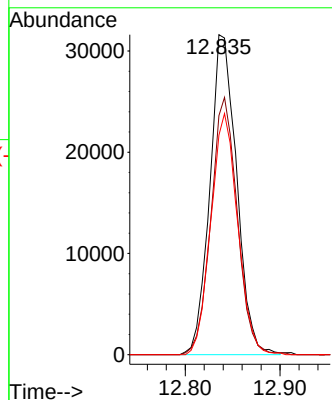
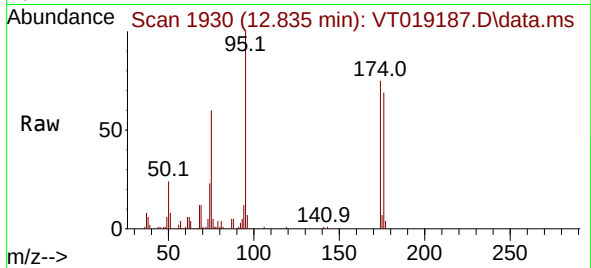




#60
4-Bromofluorobenzene
Concen: 27.512 ug/l
RT: 12.835 min Scan# 1483
Delta R.T. -0.054 min
Lab File: VT019187.D
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Instrument :
MSVOA_T
ClientSampleId :
VT1027WBL02

Tgt Ion: 95 Resp: 61875
Ion Ratio Lower Upper
95 100
174 79.0 57.5 86.3
176 75.7 56.4 84.6



#63
Toluene-d8
Concen: 29.227 ug/l
RT: 10.209 min Scan# 1483
Delta R.T. -0.047 min
Lab File: VT019187.D
Acq: 27 Oct 2025 9:39

Tgt Ion: 98 Resp: 203568
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3

