

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019186.D
 Acq On : 27 Oct 2025 9:16
 Operator : SY/MD
 Sample : VT1027WBL01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1027WBL01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 28 05:52:34 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	7.031	128	23449m	30.000	ug/l	-0.05
28) 1,4-Difluorobenzene	8.535	114	152144	30.000	ug/l	-0.04
57) Chlorobenzene-d5	11.708	117	121465	30.000	ug/l	-0.05

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.918	65	63060	30.695	ug/l	-0.05
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.333%
60) 4-Bromofluorobenzene	12.842	95	54238	28.412	ug/l	-0.05
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.700%
63) Toluene-d8	10.209	98	179758	30.406	ug/l	-0.05
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.367%

Target Compounds	Qvalue

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

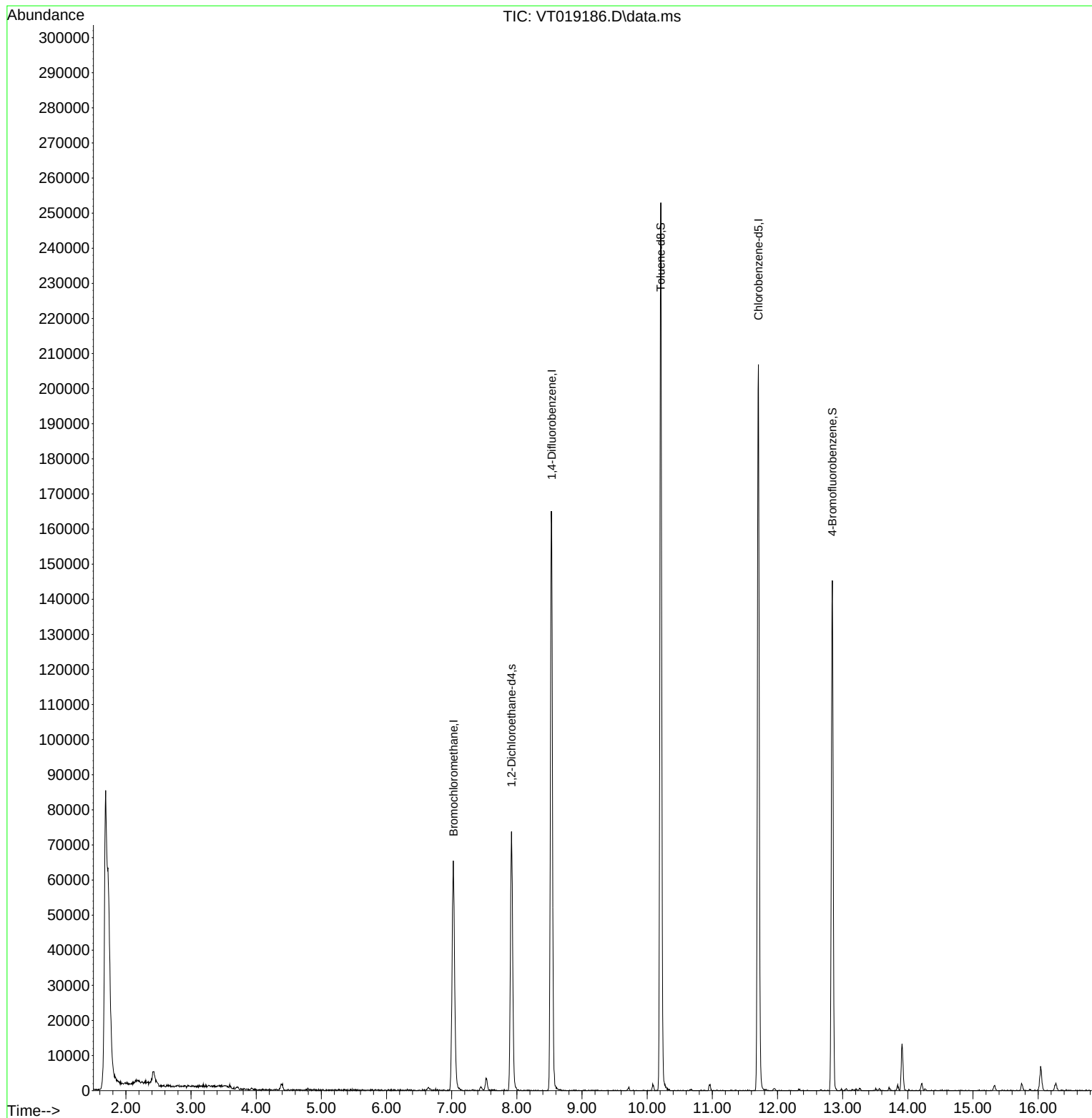
Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
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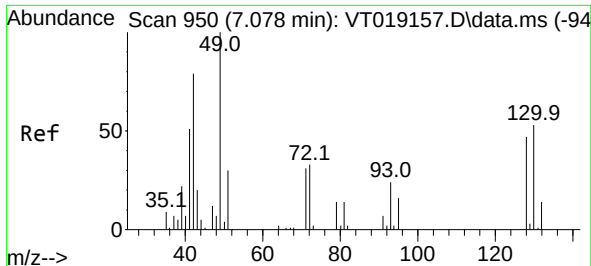
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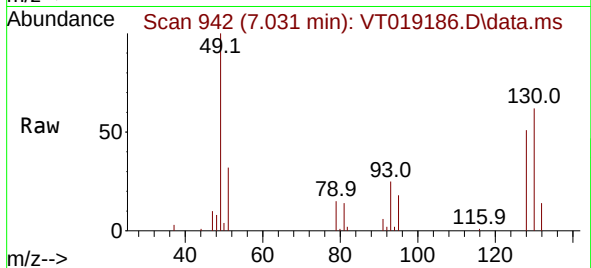
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 24 06:05:07 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.031 min Scan# 94
Delta R.T. -0.047 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

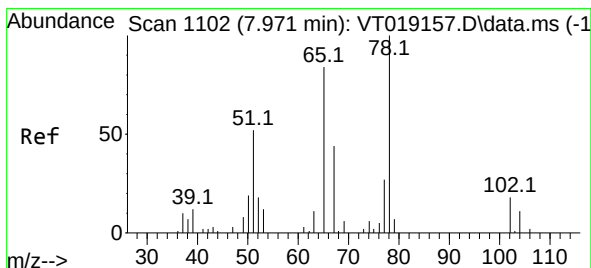
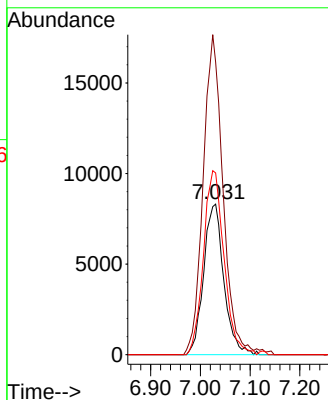
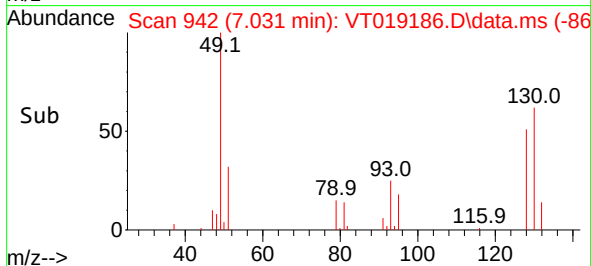
Instrument :
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VT1027WBL01



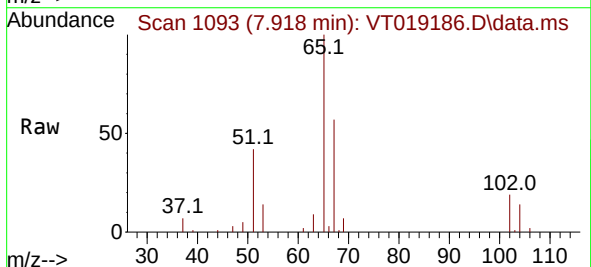
Tgt Ion:128 Resp: 23449
Ion Ratio Lower Upper
128 100
49 0.6 0.0 0.0
130 0.8 0.0 0.0

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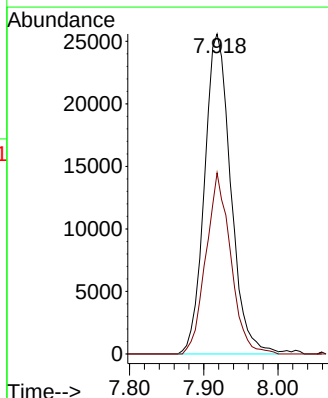
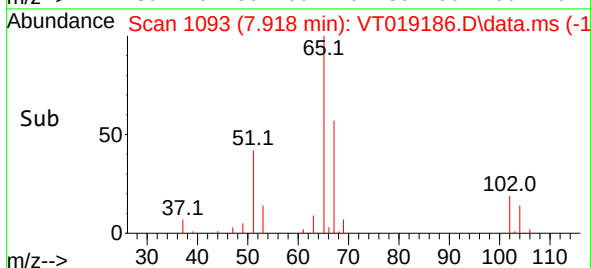
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

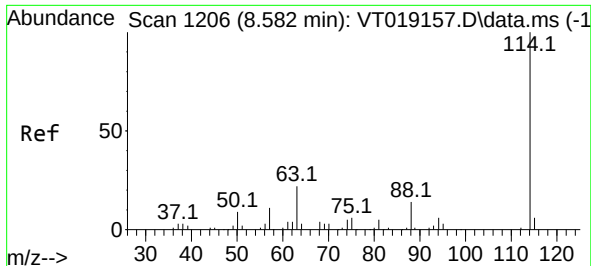


#27
1,2-Dichloroethane-d4
Concen: 30.695 ug/l
RT: 7.918 min Scan# 1093
Delta R.T. -0.053 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16



Tgt Ion: 65 Resp: 63060
Ion Ratio Lower Upper
65 100
67 53.4 40.7 61.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.535 min Scan# 1118

Delta R.T. -0.041 min

Lab File: VT019186.D

Acq: 27 Oct 2025 9:16

Instrument :

MSVOA_T

ClientSampleId :

VT1027WBL01

Tgt Ion:114 Resp: 152144

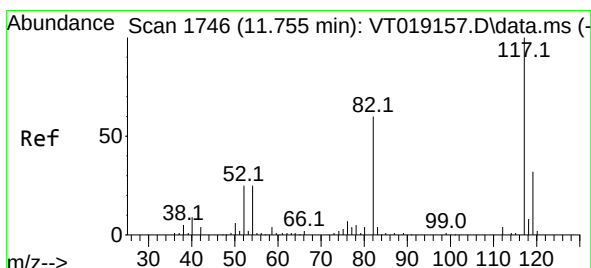
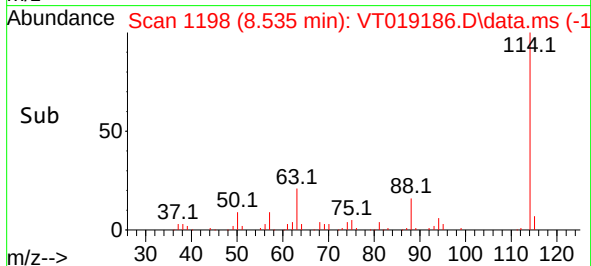
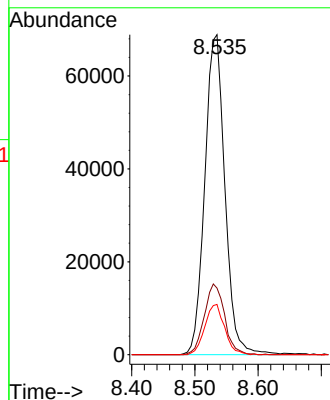
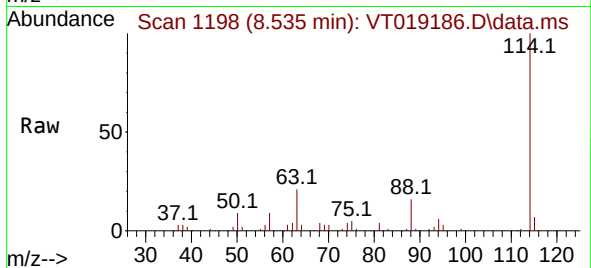
Ion	Ratio	Lower	Upper
114	100		
63	22.3	17.4	26.0
88	15.4	13.0	19.6

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#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.708 min Scan# 1738

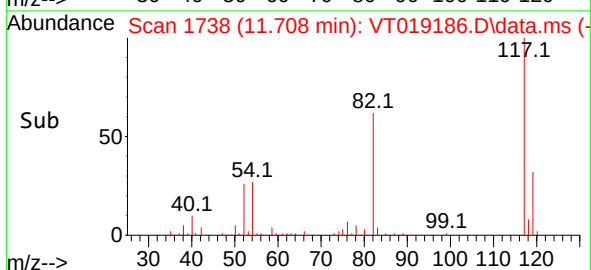
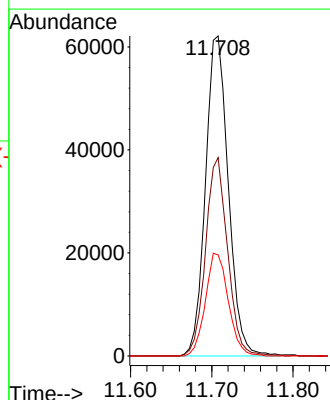
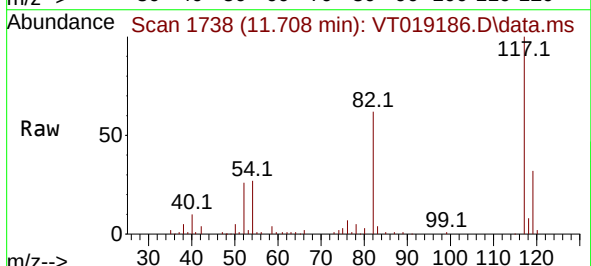
Delta R.T. -0.047 min

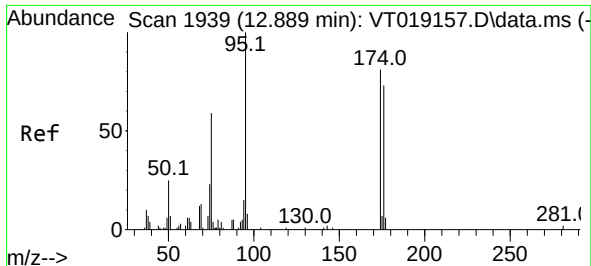
Lab File: VT019186.D

Acq: 27 Oct 2025 9:16

Tgt Ion:117 Resp: 121465

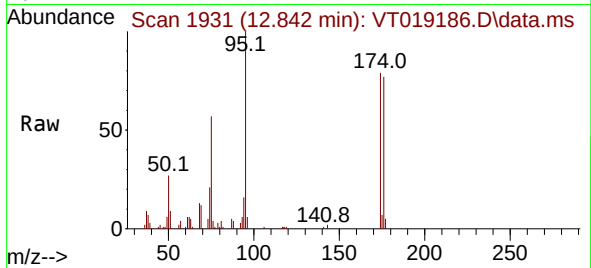
Ion	Ratio	Lower	Upper
117	100		
82	59.8	46.0	69.0
119	32.2	25.8	38.8





#60
4-Bromofluorobenzene
Concen: 28.412 ug/l
RT: 12.842 min Scan# 1931
Delta R.T. -0.047 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16

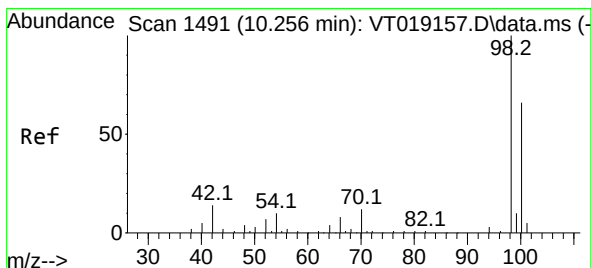
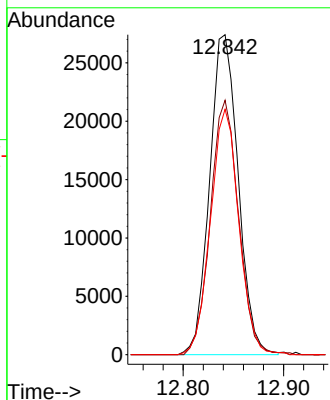
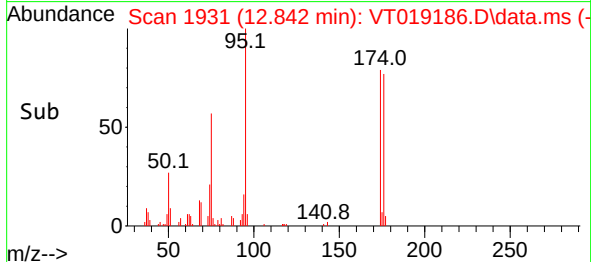
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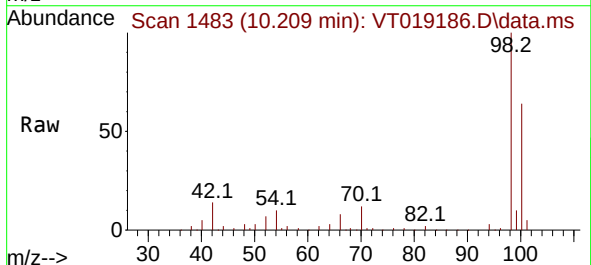
Tgt Ion: 95 Resp: 54238
Ion Ratio Lower Upper
95 100
174 78.4 57.5 86.3
176 76.3 56.4 84.6

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#63
Toluene-d8
Concen: 30.406 ug/l
RT: 10.209 min Scan# 1483
Delta R.T. -0.047 min
Lab File: VT019186.D
Acq: 27 Oct 2025 9:16



Tgt Ion: 98 Resp: 179758
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3

