

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112525\
 Data File : VU063799.D
 Acq On : 25 Nov 2025 16:30
 Operator : MD/SY
 Sample : Q3589-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2025-07

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/26/2025
 Supervised By :Mahesh Dadoda 11/26/2025

Quant Time: Nov 26 03:34:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM112525.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 26 03:25:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.234	114	34663	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.403	117	47610	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.791	152	17914	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.583	65	11655	0.482	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	96.000%		
4) 1,2-Dichloroethane-d4	5.685	65	8327	0.466	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	94.000%		
7) 1,2-Dichloropropane-d6	6.663	67	7775	0.575	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery =	114.000%		
8) Toluene-d8	7.872	98	23506	0.440	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	88.000%		
10) 1,1,2,2-Tetrachloroeth...	10.728	84	5787	0.531	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	106.000%		
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.583	62	878	0.032	ug/L #	17
6) Trichloroethene	6.520	95	775	0.030	ug/L	92
9) 1,2-Dibromoethane	8.908	107	398	0.026	ug/L #	93
12) 1,2,3-Trichloropropane	10.797	75	416	0.029	ug/L #	80
13) 1,2-Dibromo-3-chloropr...	12.973	75	68m	0.030	ug/L	

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

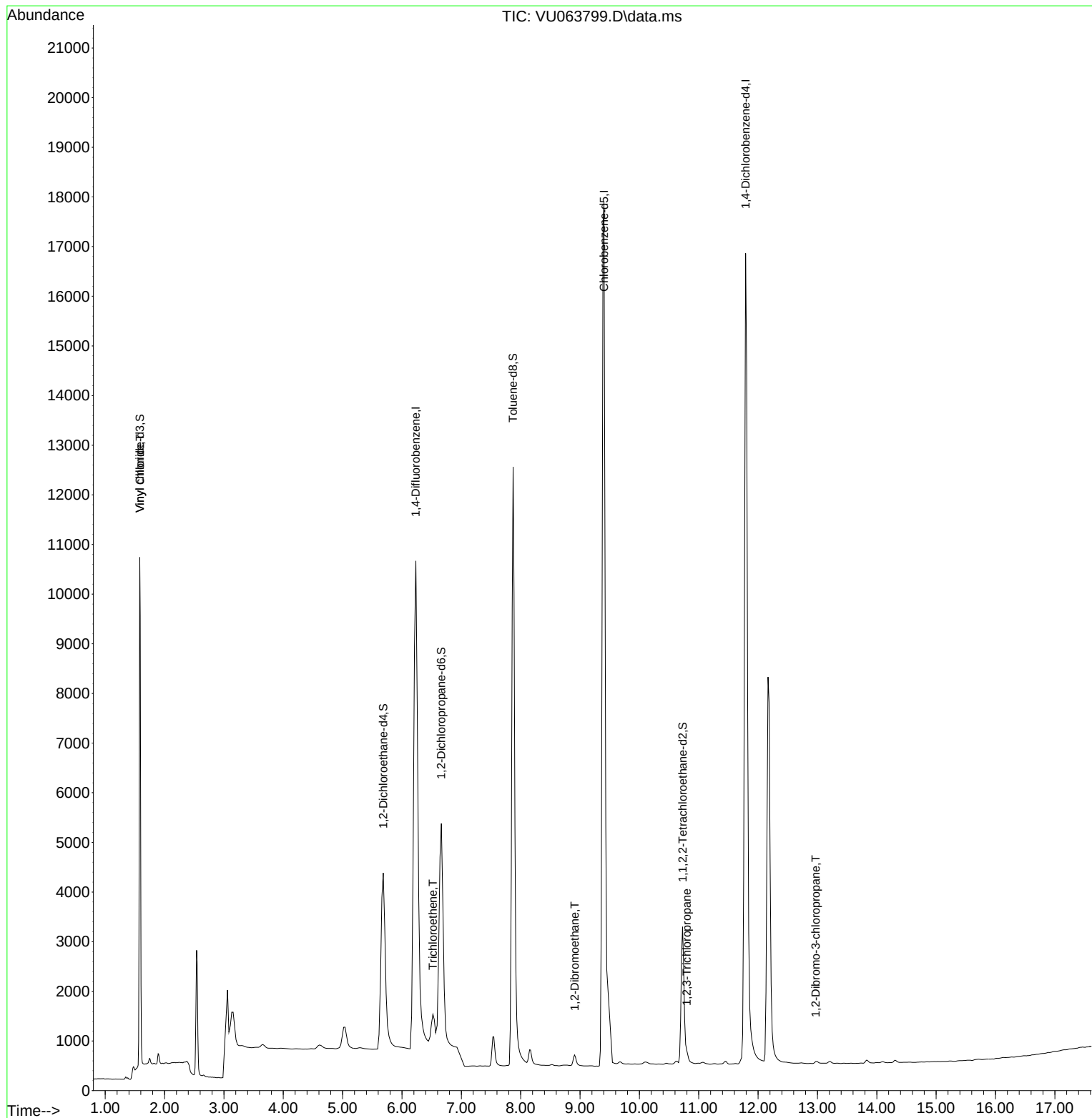
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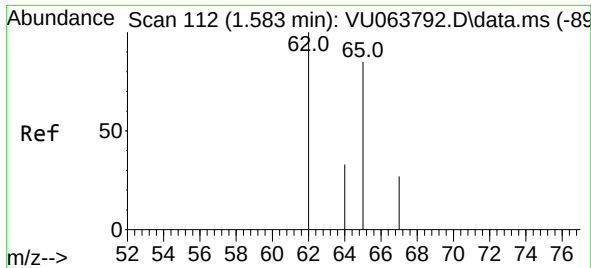
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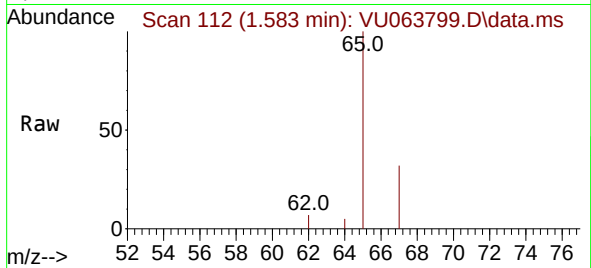
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Supervised By :Mahesh Dadoda 11/26/2025





#3
 Vinyl chloride
 Concen: 0.032 ug/L
 RT: 1.583 min Scan# 112
 Delta R.T. -0.000 min
 Lab File: VU063799.D
 Acq: 25 Nov 2025 16:30

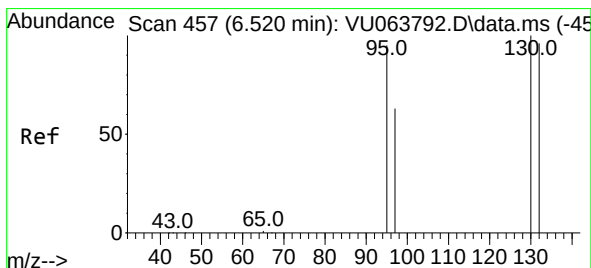
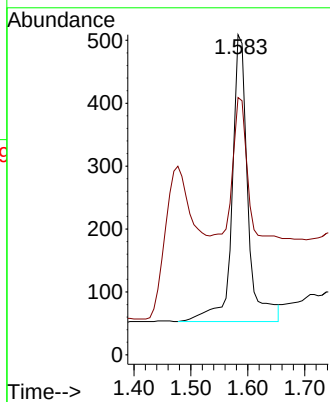
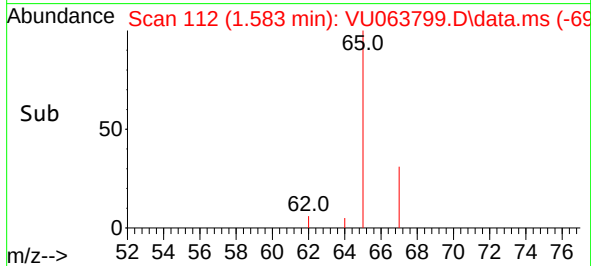
Instrument :
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 ClientSampleId :
 MDL-WATER-QT4-2025-07



Tgt Ion: 62 Resp: 878
 Ion Ratio Lower Upper
 62 100
 64 80.4 23.2 43.2

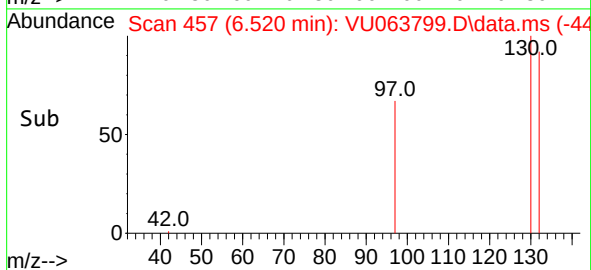
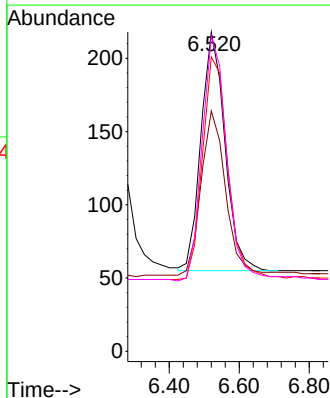
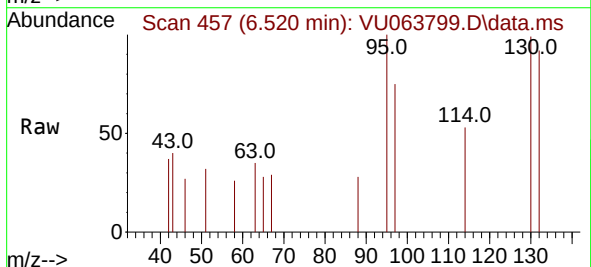
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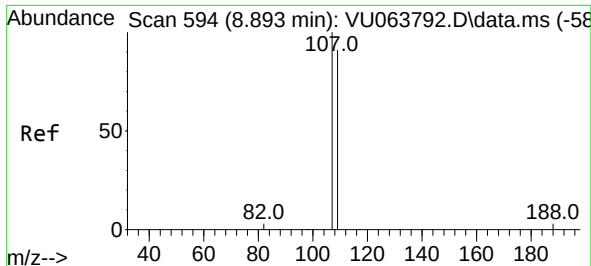
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#6
 Trichloroethene
 Concen: 0.030 ug/L
 RT: 6.520 min Scan# 457
 Delta R.T. 0.000 min
 Lab File: VU063799.D
 Acq: 25 Nov 2025 16:30

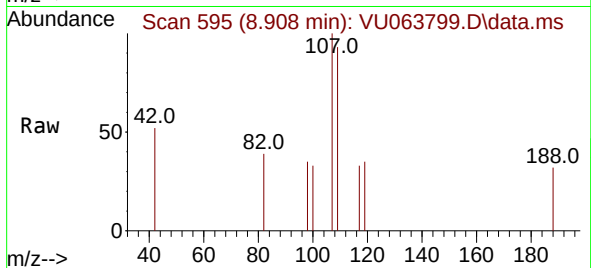
Tgt Ion: 95 Resp: 775
 Ion Ratio Lower Upper
 95 100
 97 75.2 46.7 86.7
 132 92.2 70.1 130.3
 130 98.6 73.1 135.7





#9
1,2-Dibromoethane
Concen: 0.026 ug/L
RT: 8.908 min Scan# 594
Delta R.T. 0.015 min
Lab File: VU063799.D
Acq: 25 Nov 2025 16:30

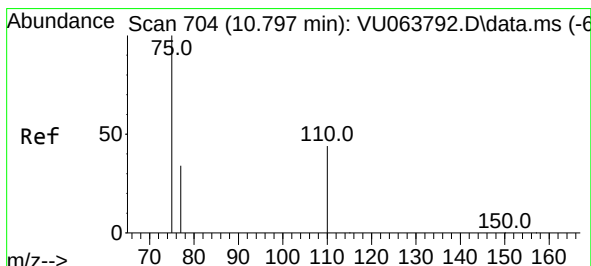
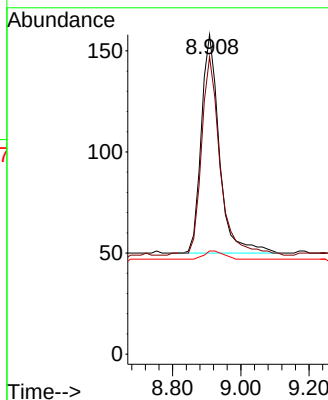
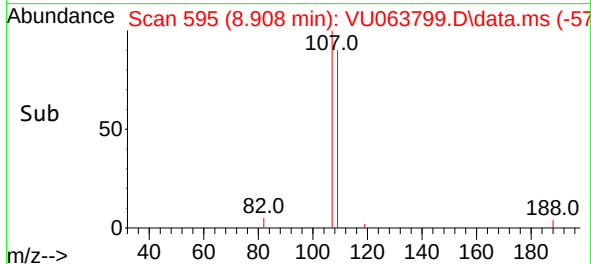
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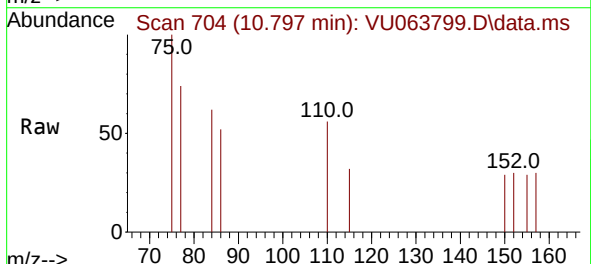
Tgt Ion: 107 Resp: 398
Ion Ratio Lower Upper
107 100
109 93.0 63.5 117.9
188 32.3 4.1 6.1

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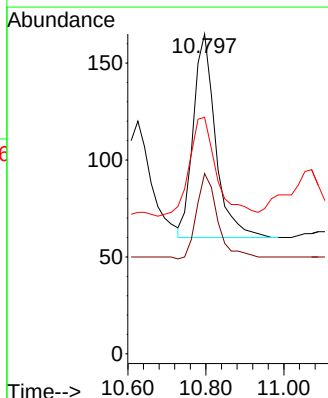
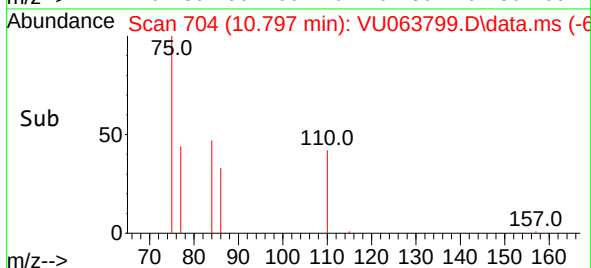
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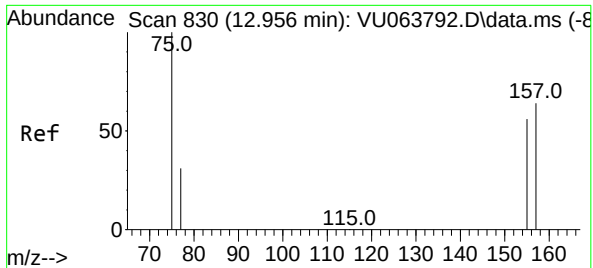


#12
1,2,3-Trichloropropane
Concen: 0.029 ug/L
RT: 10.797 min Scan# 704
Delta R.T. -0.000 min
Lab File: VU063799.D
Acq: 25 Nov 2025 16:30



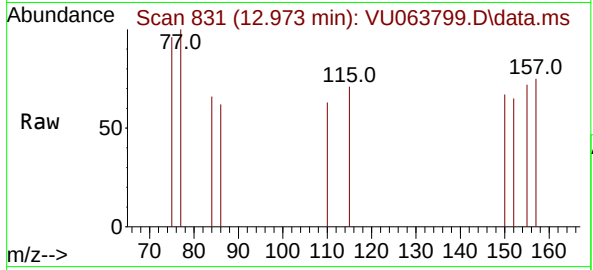
Tgt Ion: 75 Resp: 416
Ion Ratio Lower Upper
75 100
110 41.3 32.9 49.3
77 59.1 27.3 40.9





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.030 ug/L m
 RT: 12.973 min Scan# 81
 Delta R.T. 0.017 min
 Lab File: VU063799.D
 Acq: 25 Nov 2025 16:30

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75	Resp: 68
Ion Ratio	Lower Upper
75	100
157	77.6 52.9 79.3
155	75.0 47.4 71.2

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