

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112125\
 Data File : VU063756.D
 Acq On : 21 Nov 2025 09:36
 Operator : MD/SY
 Sample : VU1121WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 22:28:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 21 22:28:08 2025
 Response via : Initial Calibration

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

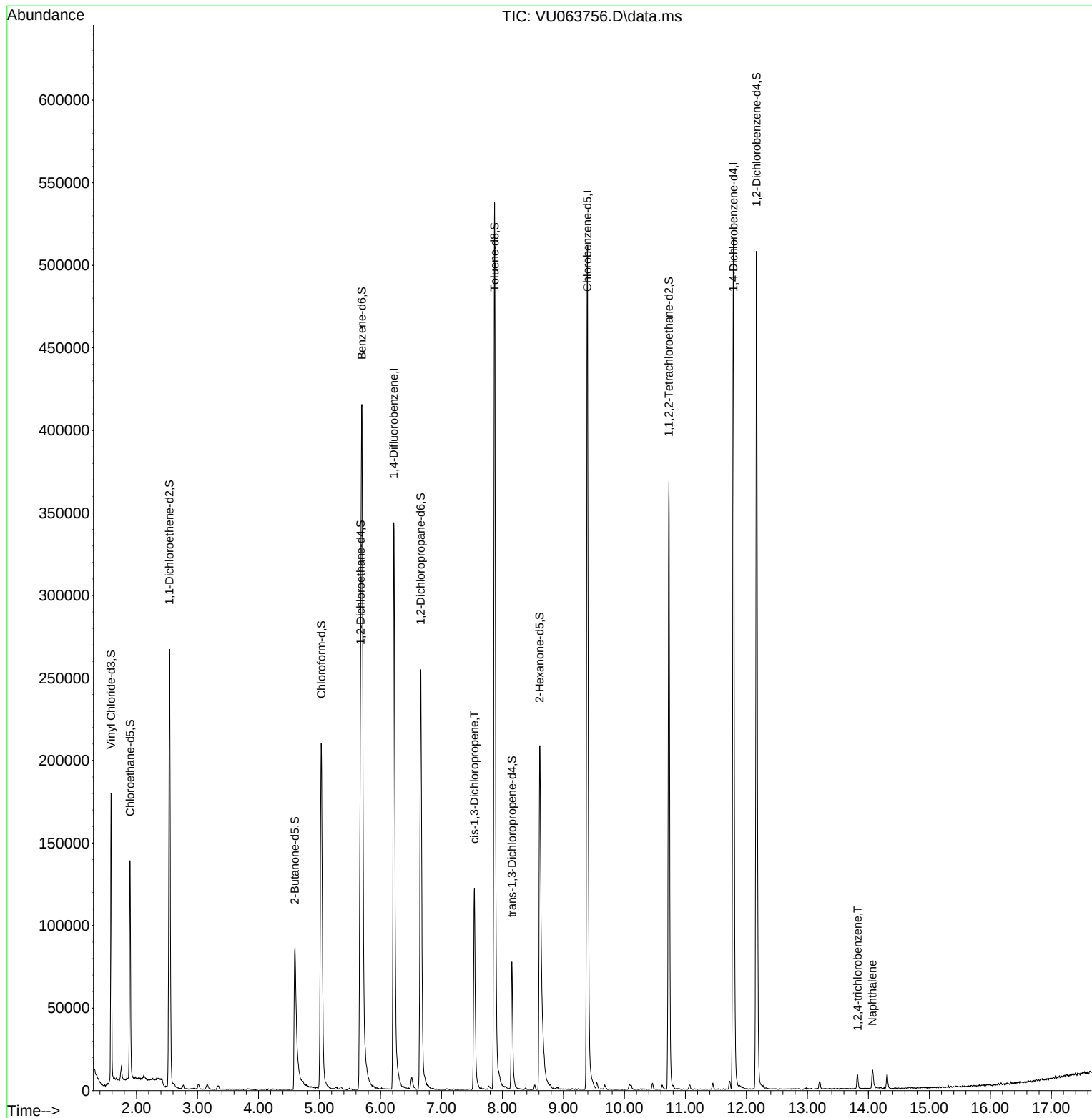
Internal Standards						
1) 1,4-Difluorobenzene	6.219	114	301725	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	287829	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	139993	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	117389	45.054	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.100%		
7) Chloroethane-d5	1.894	69	94312	46.984	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.960%		
11) 1,1-Dichloroethene-d2	2.541	63	161541	35.768	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.540%		
21) 2-Butanone-d5	4.595	46	135980	91.545	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.550%		
24) Chloroform-d	5.029	84	201389	46.068	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.140%		
26) 1,2-Dichloroethane-d4	5.672	65	139351	48.477	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.960%		
32) Benzene-d6	5.695	84	411309	48.752	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.500%		
36) 1,2-Dichloropropane-d6	6.660	67	121126	48.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.800%		
41) Toluene-d8	7.872	98	372979	46.561	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.120%		
43) trans-1,3-Dichloroprop...	8.155	79	43612	42.610	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.220%		
47) 2-Hexanone-d5	8.611	63	83414	92.629	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.630%		
56) 1,1,2,2-Tetrachloroeth...	10.730	84	173930	48.020	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.040%		
66) 1,2-Dichlorobenzene-d4	12.167	152	133549	50.535	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.060%		
Target Compounds						Qvalue
39) cis-1,3-Dichloropropene	7.541	75	3351	0.990	ug/L #	62
70) 1,2,4-trichlorobenzene	13.823	180	2594	0.972	ug/L #	82
71) Naphthalene	14.068	128	12483	1.758	ug/L #	88

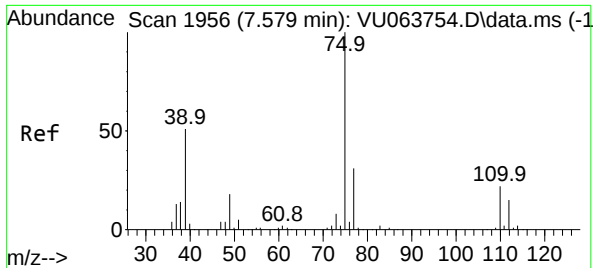
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#39

cis-1,3-Dichloropropene

Concen: 0.990 ug/L

RT: 7.541 min Scan# 1956

Delta R.T. -0.039 min

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Instrument :

MSVOA_U

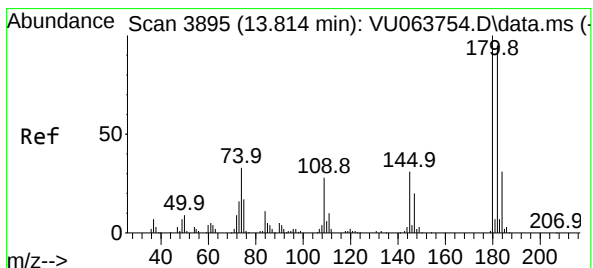
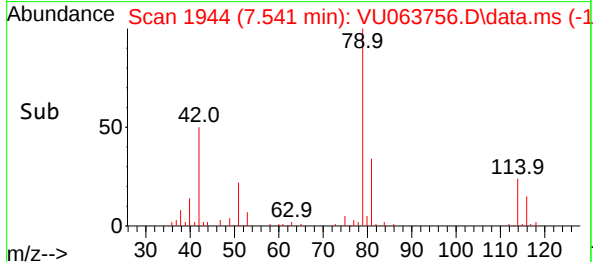
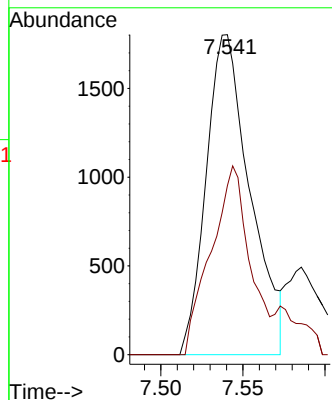
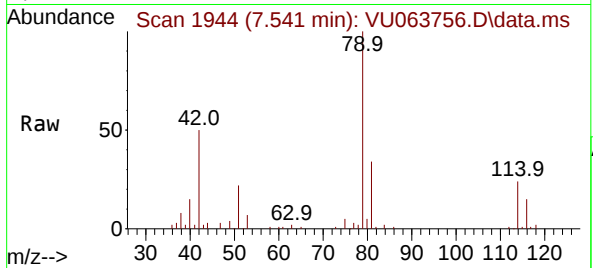
ClientSampleId :

Tgt Ion: 75 Resp: 3351

Ion Ratio Lower Upper

75 100

77 52.8 22.1 41.1#



#70

1,2,4-trichlorobenzene

Concen: 0.972 ug/L

RT: 13.823 min Scan# 3898

Delta R.T. 0.009 min

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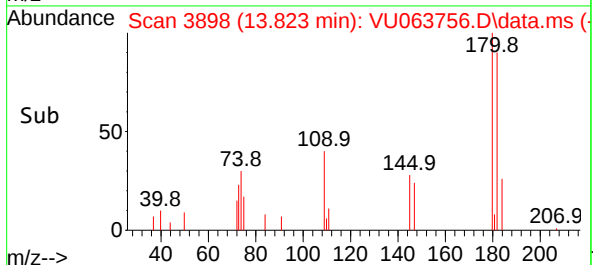
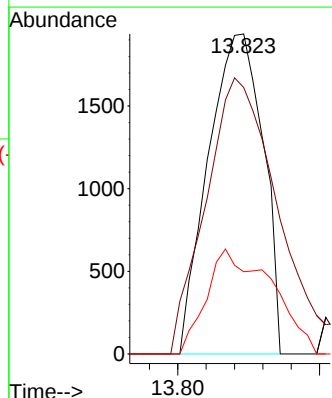
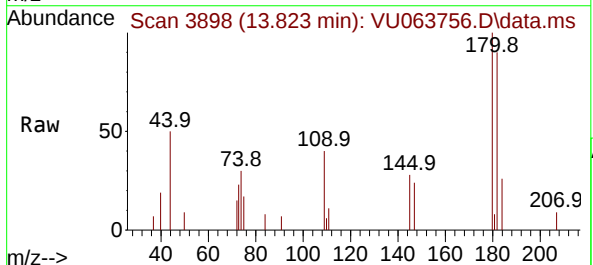
Tgt Ion:180 Resp: 2594

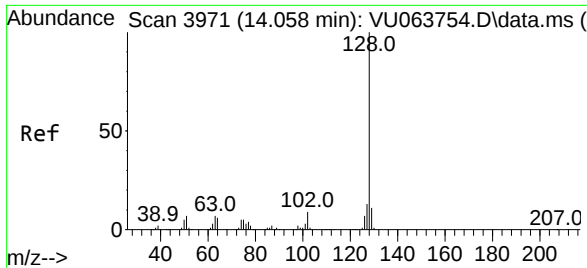
Ion Ratio Lower Upper

180 100

182 111.8 75.8 113.8

145 21.7 25.7 38.5#





#71

Naphthalene

Concen: 1.758 ug/L

RT: 14.068 min Scan# 3974

Delta R.T. 0.010 min

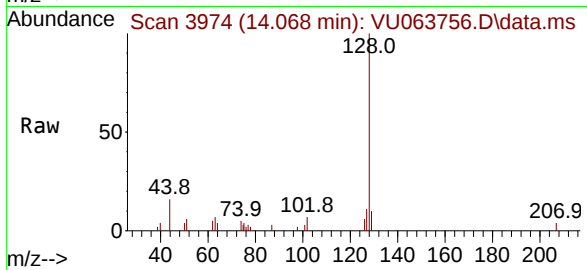
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Tgt Ion:	128	Resp:	12483
Ion	Ratio	Lower	Upper
128	100		
127	8.0	10.3	15.5#
129	6.3	8.7	13.1#

