

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112125\
 Data File : VU063771.D
 Acq On : 21 Nov 2025 16:10
 Operator : MD/SY
 Sample : Q3688-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 22:32:26 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)

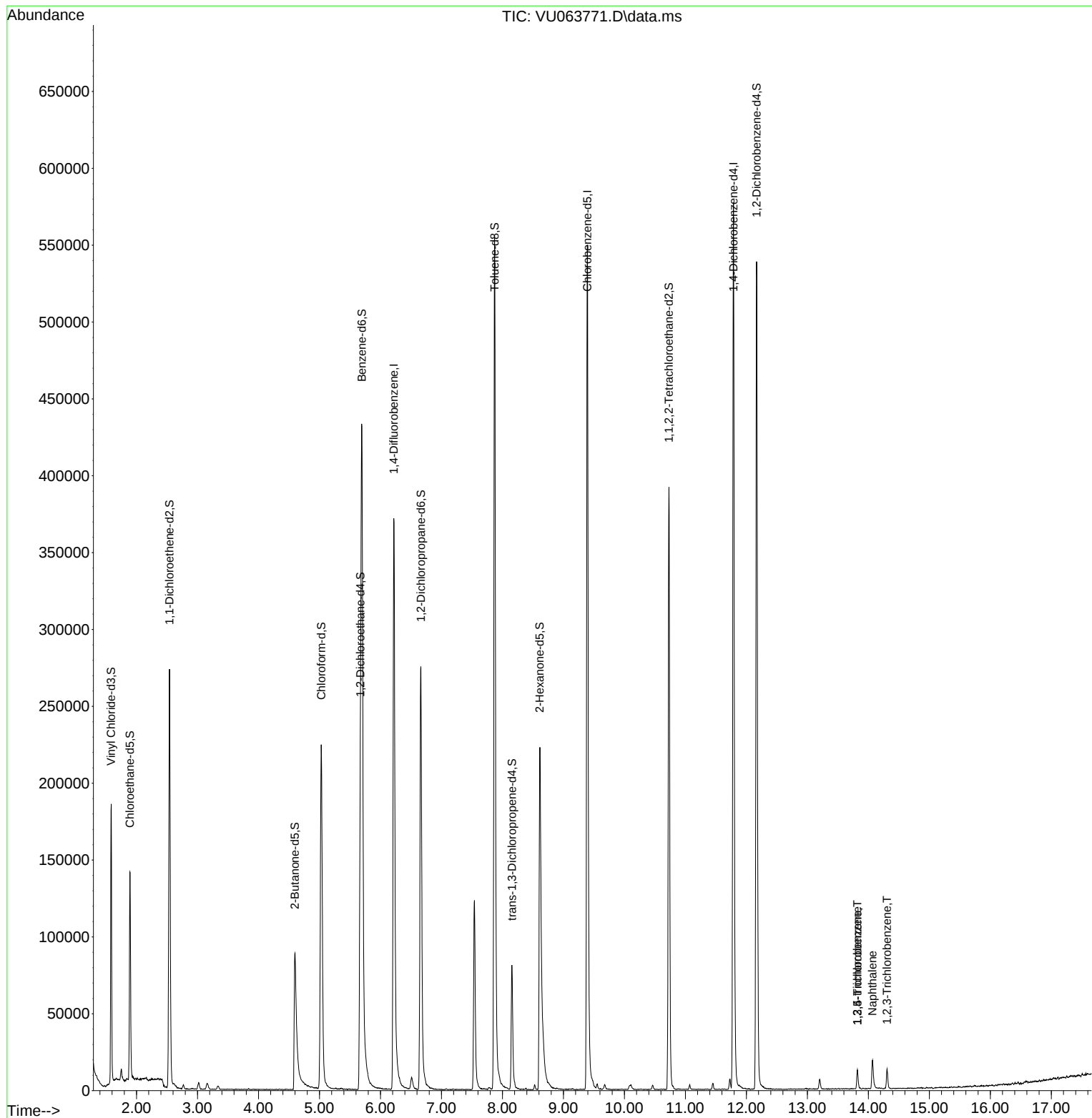
Internal Standards						
1) 1,4-Difluorobenzene	6.219	114	329913	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	315330	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	154810	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	116413	40.862	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.720%		
7) Chloroethane-d5	1.891	69	96591	44.008	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.020%		
11) 1,1-Dichloroethene-d2	2.541	63	163990	33.208	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.420%		
21) 2-Butanone-d5	4.595	46	141725	87.261	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.260%		
24) Chloroform-d	5.029	84	212552	44.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.940%		
26) 1,2-Dichloroethane-d4	5.669	65	149839	47.672	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.340%		
32) Benzene-d6	5.695	84	427162	46.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.440%		
36) 1,2-Dichloropropane-d6	6.663	67	127579	47.018	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.040%		
41) Toluene-d8	7.872	98	391994	44.667	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.340%		
43) trans-1,3-Dichloroprop...	8.155	79	46308	41.298	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.600%		
47) 2-Hexanone-d5	8.611	63	88263	89.466	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.470%		
56) 1,1,2,2-Tetrachloroeth...	10.730	84	188573	47.522	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.040%		
66) 1,2-Dichlorobenzene-d4	12.167	152	142729	48.839	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.680%		
Target Compounds						
					Qvalue	
69) 1,3,5-Trichlorobenzene	13.820	180	4235	1.197	ug/L	97
70) 1,2,4-trichlorobenzene	13.820	180	4235	1.435	ug/L	97
71) Naphthalene	14.068	128	18369	2.339	ug/L	98
72) 1,2,3-Trichlorobenzene	14.306	180	4445	1.589	ug/L	95

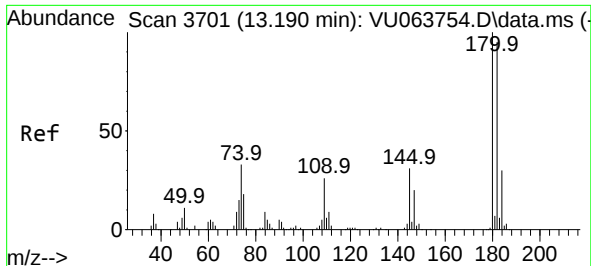
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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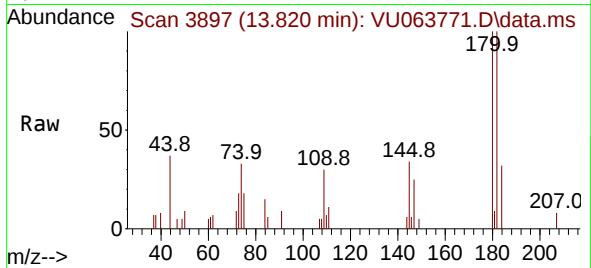
Quant Time: Nov 21 22:32:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111725WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 21 22:28:08 2025
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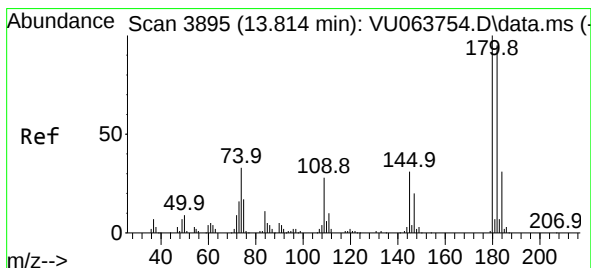
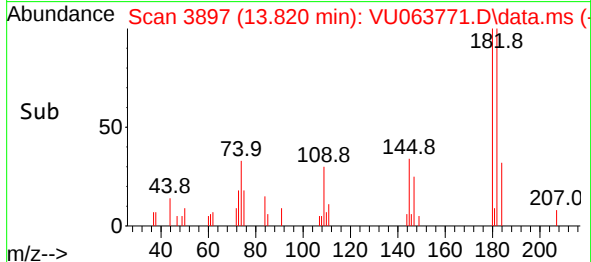
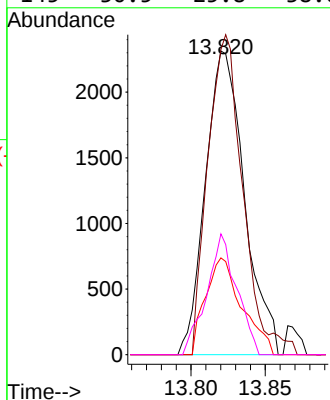


#69
 1,3,5-Trichlorobenzene
 Concen: 1.197 ug/L
 RT: 13.820 min Scan# 3897
 Delta R.T. 0.630 min
 Lab File: VU063771.D
 Acq: 21 Nov 2025 16:10

Instrument :
 MSVOA_U
 ClientSampleId :

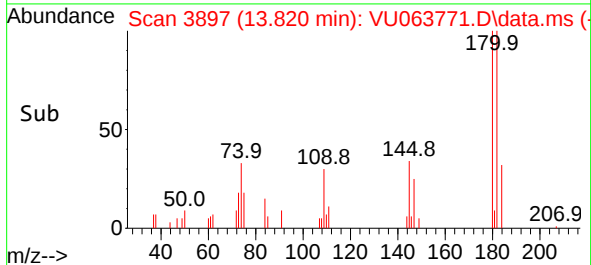
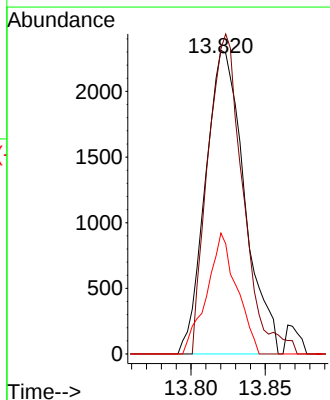
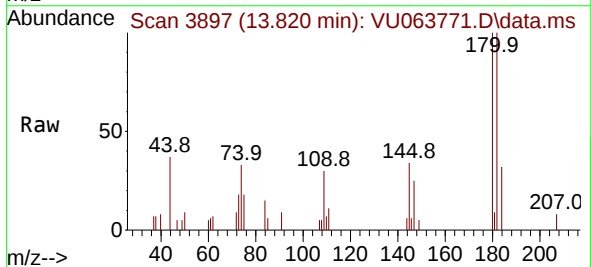


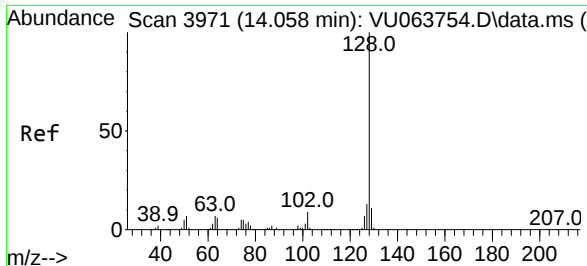
Tgt Ion:180 Resp: 4235
 Ion Ratio Lower Upper
 180 100
 182 91.4 76.4 114.6
 184 29.7 24.4 36.6
 145 30.5 25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 1.435 ug/L
 RT: 13.820 min Scan# 3897
 Delta R.T. 0.006 min
 Lab File: VU063771.D
 Acq: 21 Nov 2025 16:10

Tgt Ion:180 Resp: 4235
 Ion Ratio Lower Upper
 180 100
 182 91.4 75.8 113.8
 145 30.5 25.7 38.5

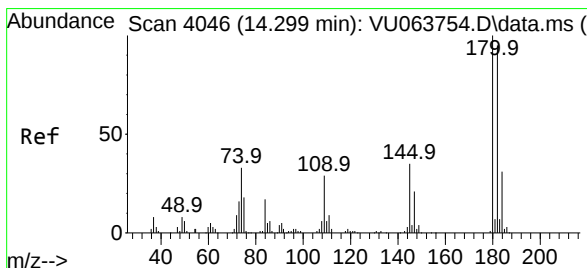
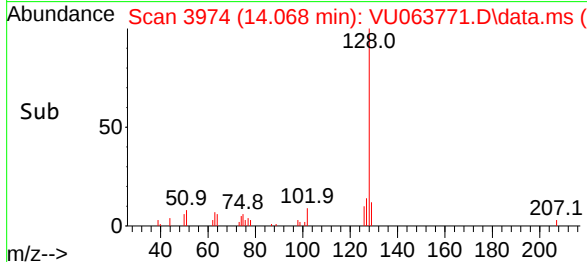
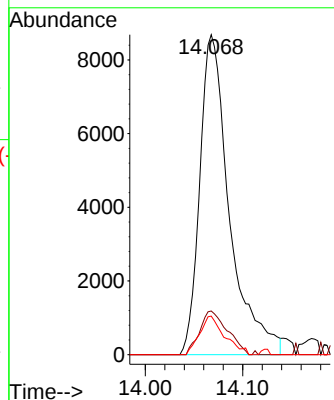
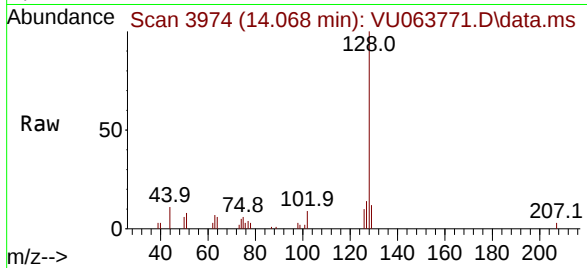




#71
Naphthalene
Concen: 2.339 ug/L
RT: 14.068 min Scan# 3971
Delta R.T. 0.010 min
Lab File: VU063771.D
Acq: 21 Nov 2025 16:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	18369
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.3 15.5
129	9.8	8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 1.589 ug/L
RT: 14.306 min Scan# 4048
Delta R.T. 0.006 min
Lab File: VU063771.D
Acq: 21 Nov 2025 16:10

Tgt Ion:180	Resp:	4445
Ion Ratio	Lower	Upper
180	100	
182	100.5	76.9 115.3
145	30.3	26.6 39.8

