

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111825\
 Data File : VU063733.D
 Acq On : 18 Nov 2025 10:53
 Operator : MD/SY
 Sample : VU1118MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK127

Quant Time: Nov 19 04:47:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 19 04:47:02 2025
 Response via : Initial Calibration

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

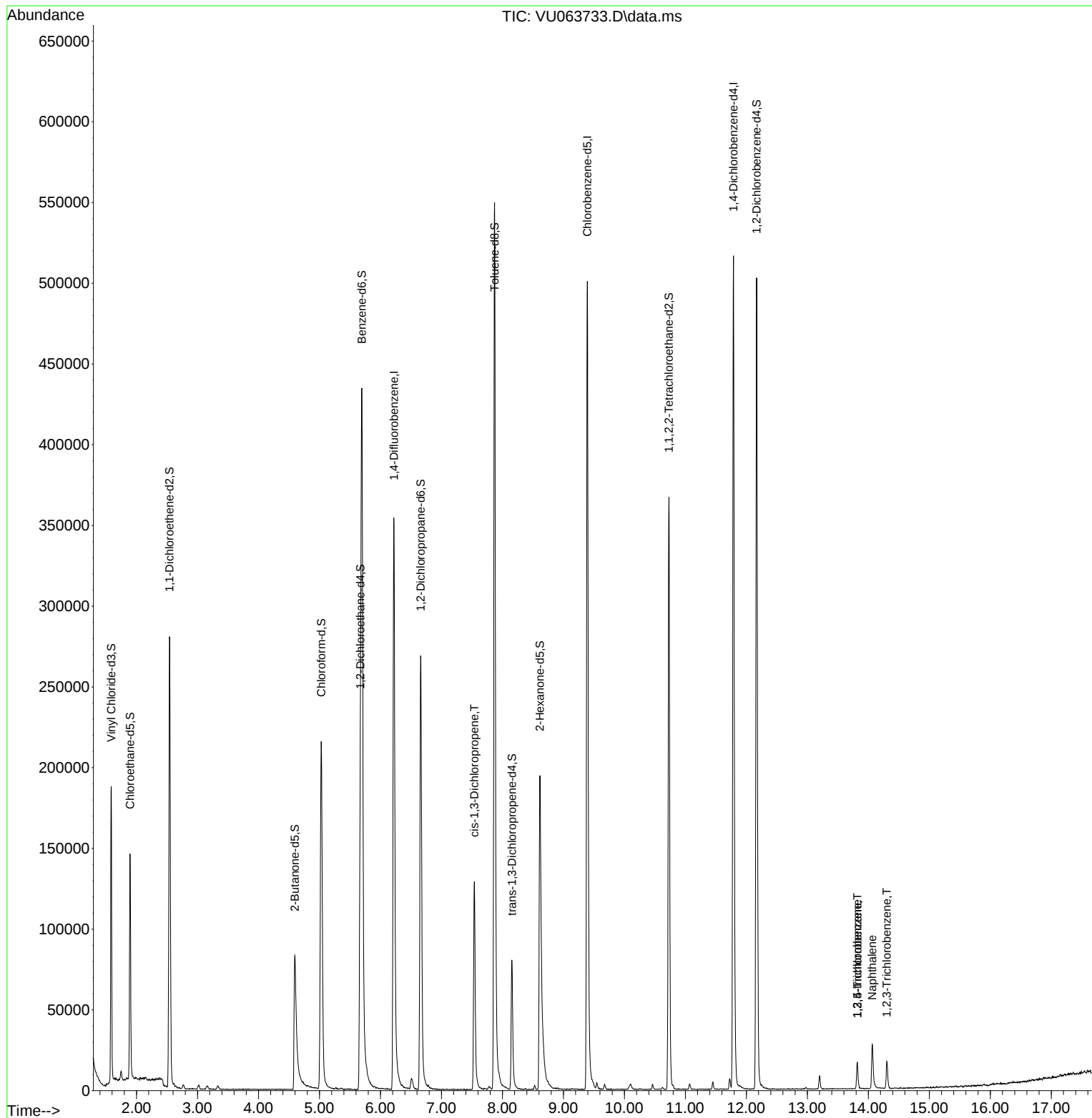
Internal Standards						
1) 1,4-Difluorobenzene	6.222	114	310894	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	292097	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	140905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.586	65	121675	45.322	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.640%		
7) Chloroethane-d5	1.895	69	97016	46.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.820%		
11) 1,1-Dichloroethene-d2	2.541	63	172969	37.169	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.340%		
21) 2-Butanone-d5	4.595	46	141114	92.200	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.200%		
24) Chloroform-d	5.029	84	210565	46.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.500%		
26) 1,2-Dichloroethane-d4	5.669	65	143899	48.582	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.160%		
32) Benzene-d6	5.695	84	423695	49.486	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.980%		
36) 1,2-Dichloropropane-d6	6.660	67	125903	50.091	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.180%		
41) Toluene-d8	7.872	98	386730	47.573	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.140%		
43) trans-1,3-Dichloroprop...	8.155	79	45251	43.565	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.140%		
47) 2-Hexanone-d5	8.614	63	81205	88.858	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.860%		
56) 1,1,2,2-Tetrachloroeth...	10.730	84	175693	47.798	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.600%		
66) 1,2-Dichlorobenzene-d4	12.167	152	131222	49.333	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.660%		
Target Compounds						Qvalue
39) cis-1,3-Dichloropropene	7.541	75	4121	1.200	ug/L	86
69) 1,3,5-Trichlorobenzene	13.820	180	5556	1.725	ug/L	98
70) 1,2,4-trichlorobenzene	13.820	180	5556	2.069	ug/L	98
71) Naphthalene	14.064	128	25751	3.603	ug/L	98
72) 1,2,3-Trichlorobenzene	14.302	180	5982	2.350	ug/L	92

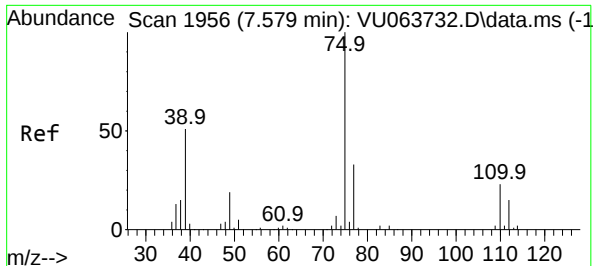
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 19 04:47:02 2025
Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 1.200 ug/L

RT: 7.541 min Scan# 1956

Delta R.T. -0.039 min

Lab File: VU063733.D

Acq: 18 Nov 2025 10:53

Instrument :

MSVOA_U

ClientSampleId :

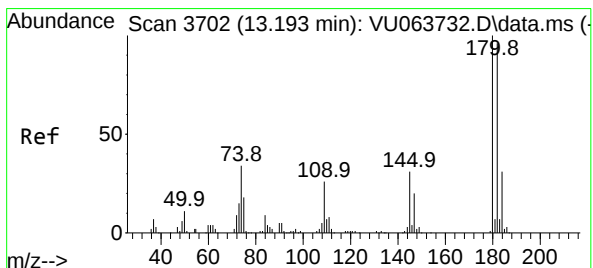
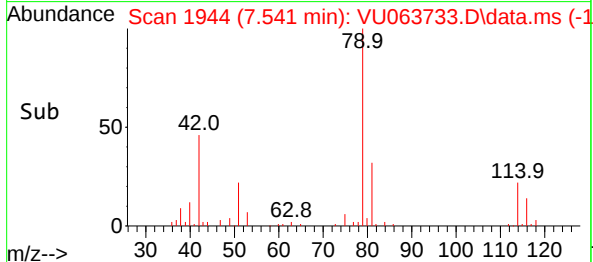
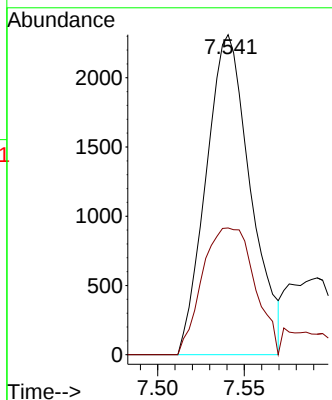
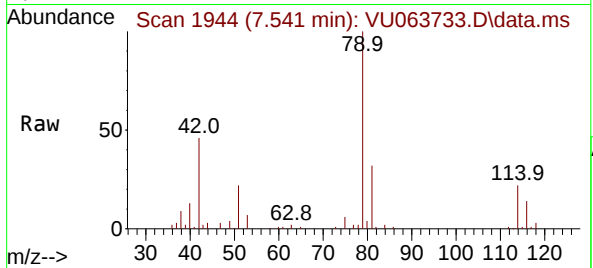
VBLK127

Tgt Ion: 75 Resp: 4121

Ion Ratio Lower Upper

75 100

77 39.6 22.1 41.1



#69

1,3,5-Trichlorobenzene

Concen: 1.725 ug/L

RT: 13.820 min Scan# 3897

Delta R.T. 0.627 min

Lab File: VU063733.D

Acq: 18 Nov 2025 10:53

Tgt Ion:180 Resp: 5556

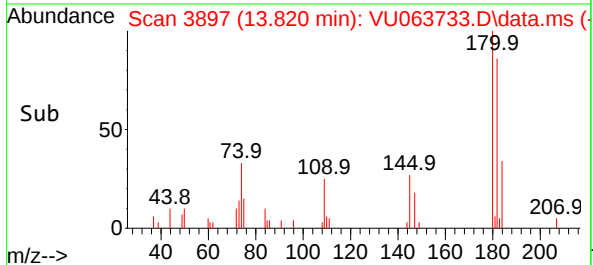
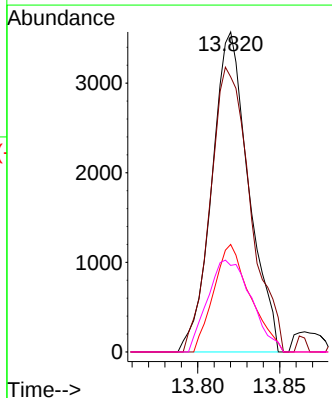
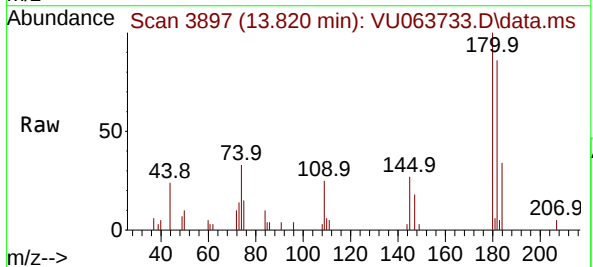
Ion Ratio Lower Upper

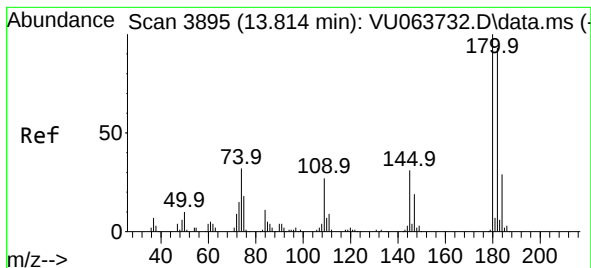
180 100

182 96.5 76.4 114.6

184 33.4 24.4 36.6

145 34.0 25.8 38.6





#70

1,2,4-trichlorobenzene

Concen: 2.069 ug/L

RT: 13.820 min Scan# 3897

Delta R.T. 0.006 min

Lab File: VU063733.D

Acq: 18 Nov 2025 10:53

Instrument :

MSVOA_U

ClientSampleId :

VBLK127

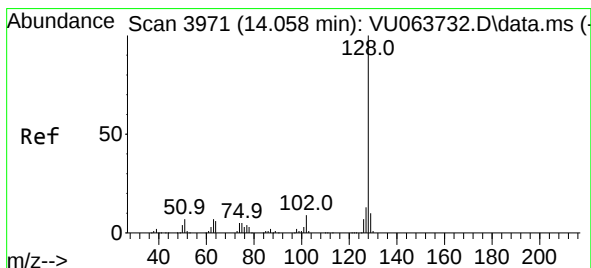
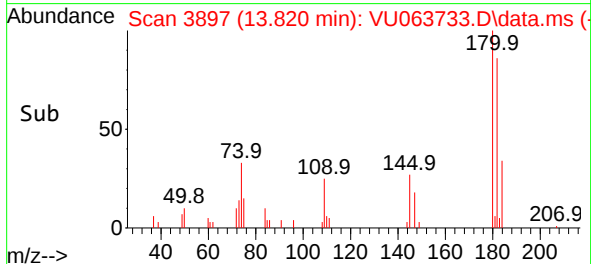
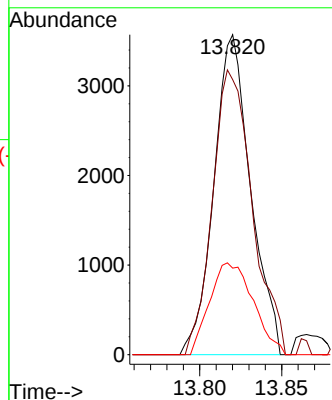
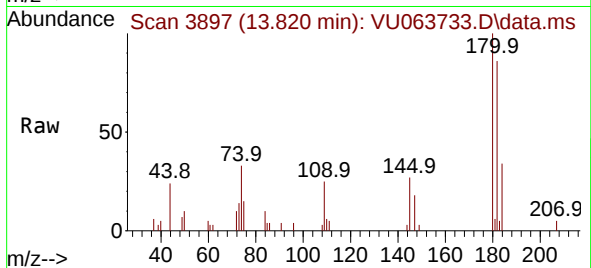
Tgt Ion:180 Resp: 5556

Ion Ratio Lower Upper

180 100

182 96.5 75.8 113.8

145 34.0 25.7 38.5



#71

Naphthalene

Concen: 3.603 ug/L

RT: 14.064 min Scan# 3973

Delta R.T. 0.006 min

Lab File: VU063733.D

Acq: 18 Nov 2025 10:53

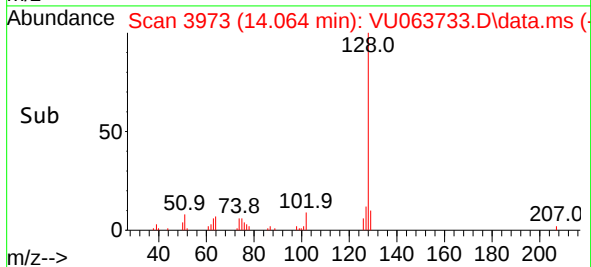
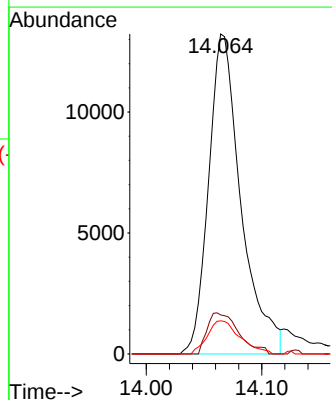
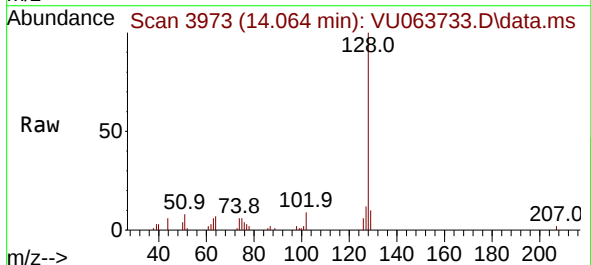
Tgt Ion:128 Resp: 25751

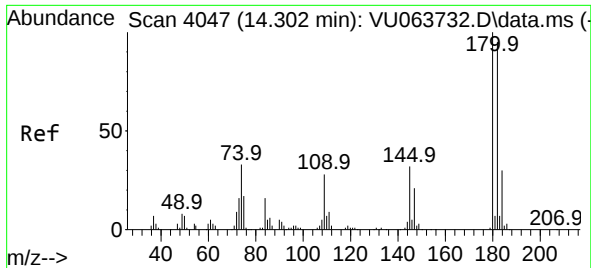
Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

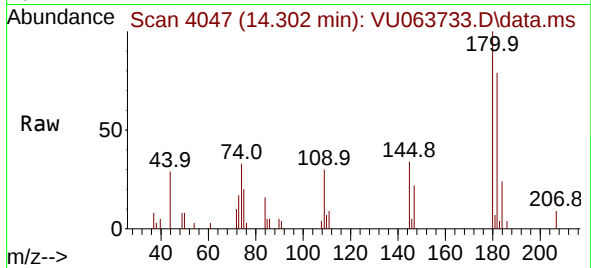
129 10.5 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 2.350 ug/L
 RT: 14.302 min Scan# 4047
 Delta R.T. -0.000 min
 Lab File: VU063733.D
 Acq: 18 Nov 2025 10:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK127



Tgt Ion:	180	Resp:	5982
Ion Ratio	Lower	Upper	
180	100		
182	88.2	76.9	115.3
145	28.3	26.6	39.8

