

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111825\
 Data File : VU063734.D
 Acq On : 18 Nov 2025 11:17
 Operator : MD/SY
 Sample : VU1118WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK128

Quant Time: Nov 19 04:47:43 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)

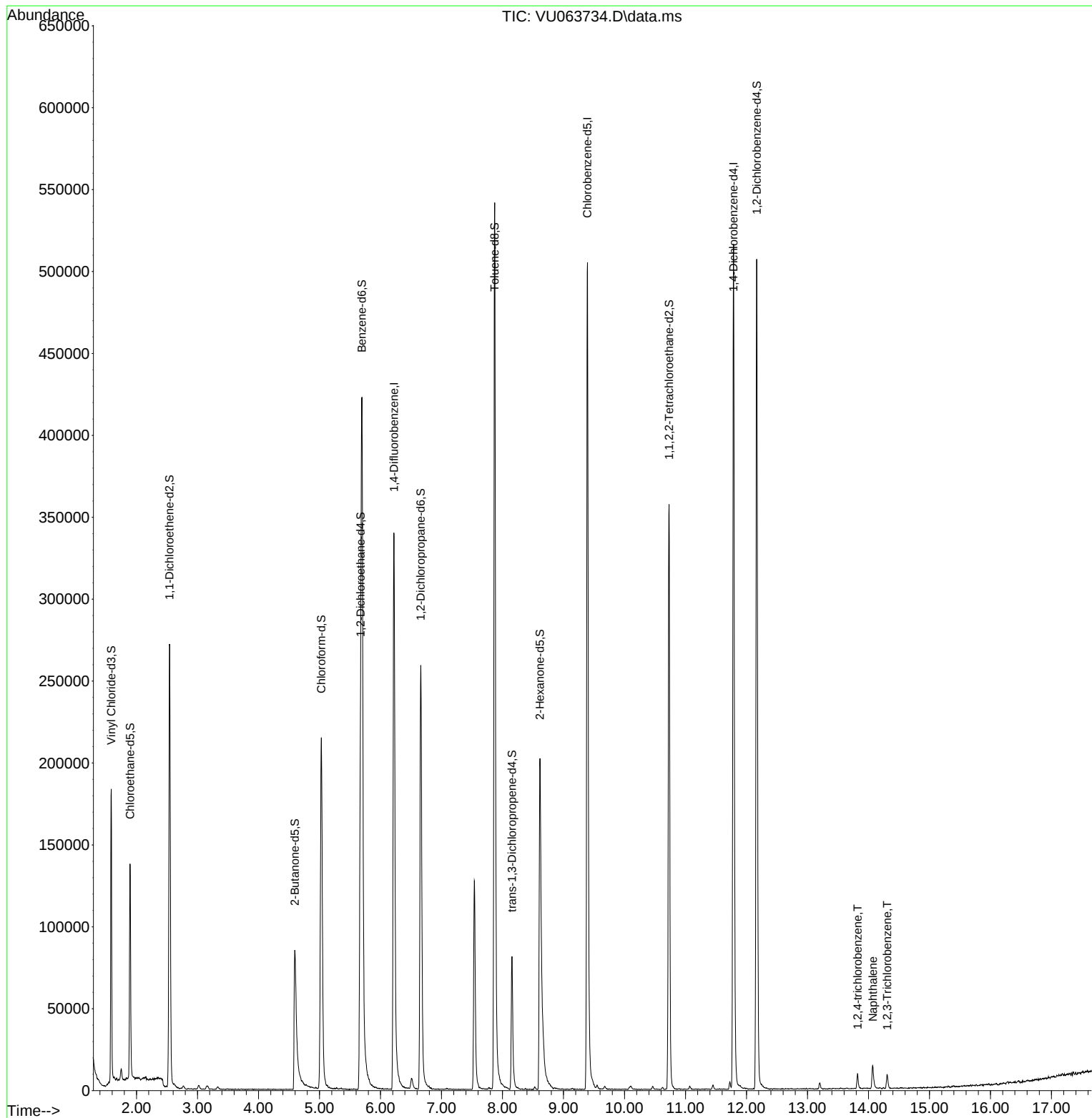
Internal Standards						
1) 1,4-Difluorobenzene	6.222	114	300554	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	291352	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	143148	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.586	65	118022	45.474	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.940%
7) Chloroethane-d5	1.894	69	91798	45.910	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.820%
11) 1,1-Dichloroethene-d2	2.541	63	165678	36.827	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.660%
21) 2-Butanone-d5	4.595	46	138997	93.941	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.940%
24) Chloroform-d	5.029	84	201512	46.276	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.560%
26) 1,2-Dichloroethane-d4	5.672	65	139437	48.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.400%
32) Benzene-d6	5.695	84	404423	47.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.720%
36) 1,2-Dichloropropane-d6	6.660	67	120017	47.871	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.740%
41) Toluene-d8	7.872	98	376964	46.490	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.980%
43) trans-1,3-Dichloroprop...	8.155	79	46200	44.592	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.180%
47) 2-Hexanone-d5	8.611	63	83888	92.029	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.030%
56) 1,1,2,2-Tetrachloroeth...	10.730	84	175220	47.791	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.580%
66) 1,2-Dichlorobenzene-d4	12.167	152	134970	49.947	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.900%
Target Compounds						
					Qvalue	
70) 1,2,4-trichlorobenzene	13.823	180	2850	1.045	ug/L #	83
71) Naphthalene	14.071	128	13827	1.904	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.306	180	3272	1.265	ug/L #	92

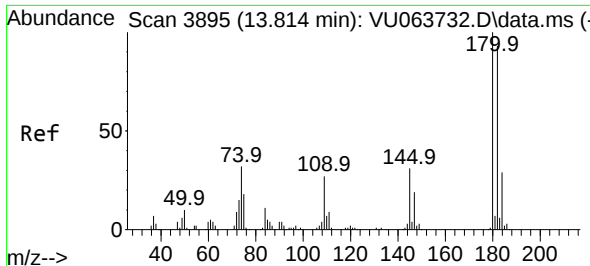
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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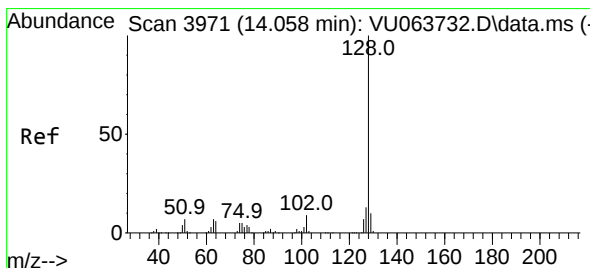
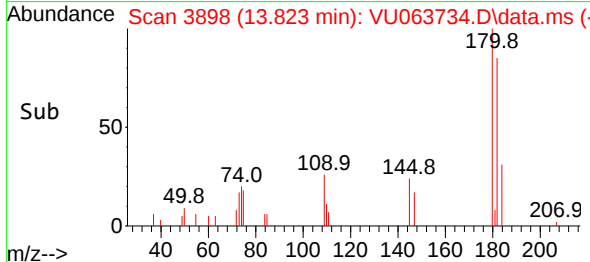
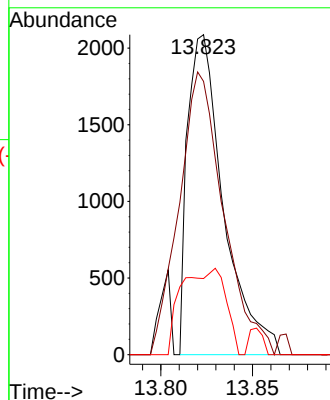
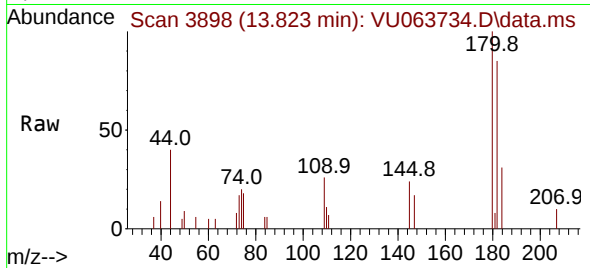




#70
1,2,4-trichlorobenzene
Concen: 1.045 ug/L
RT: 13.823 min Scan# 3898
Delta R.T. 0.010 min
Lab File: VU063734.D
Acq: 18 Nov 2025 11:17

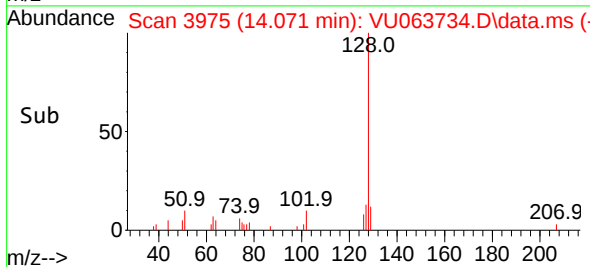
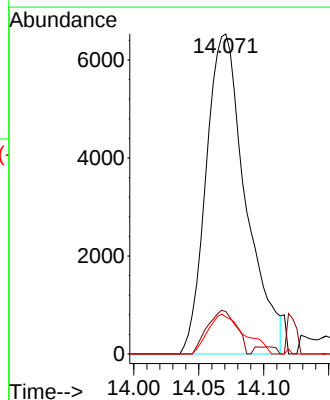
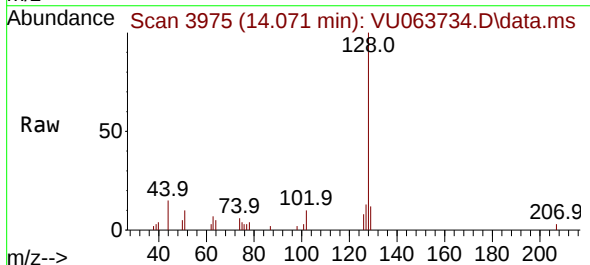
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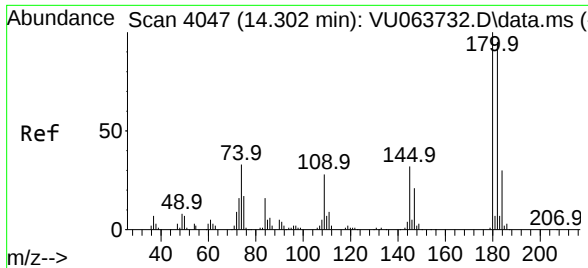
Tgt Ion:180 Resp: 2850
Ion Ratio Lower Upper
180 100
182 109.1 75.8 113.8
145 18.7 25.7 38.5#



#71
Naphthalene
Concen: 1.904 ug/L
RT: 14.071 min Scan# 3975
Delta R.T. 0.013 min
Lab File: VU063734.D
Acq: 18 Nov 2025 11:17

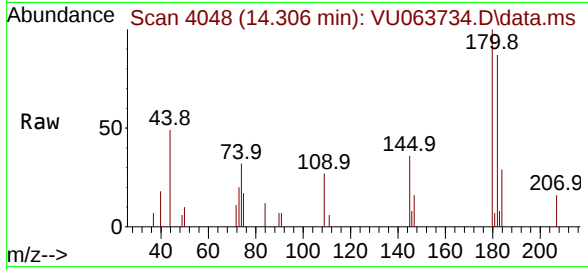
Tgt Ion:128 Resp: 13827
Ion Ratio Lower Upper
128 100
127 9.9 10.3 15.5#
129 11.3 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.265 ug/L
 RT: 14.306 min Scan# 4048
 Delta R.T. 0.003 min
 Lab File: VU063734.D
 Acq: 18 Nov 2025 11:17

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 ClientSampleId :
 VBLK128



Tgt Ion:180 Resp: 3272
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.9 115.3
 145 18.4 26.6 39.8#

