

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111725\
 Data File : VU063727.D
 Acq On : 17 Nov 2025 15:08
 Operator : MD/SY
 Sample : VU1117WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK126

Quant Time: Nov 18 02:06:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 18 01:55:44 2025
 Response via : Initial Calibration

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

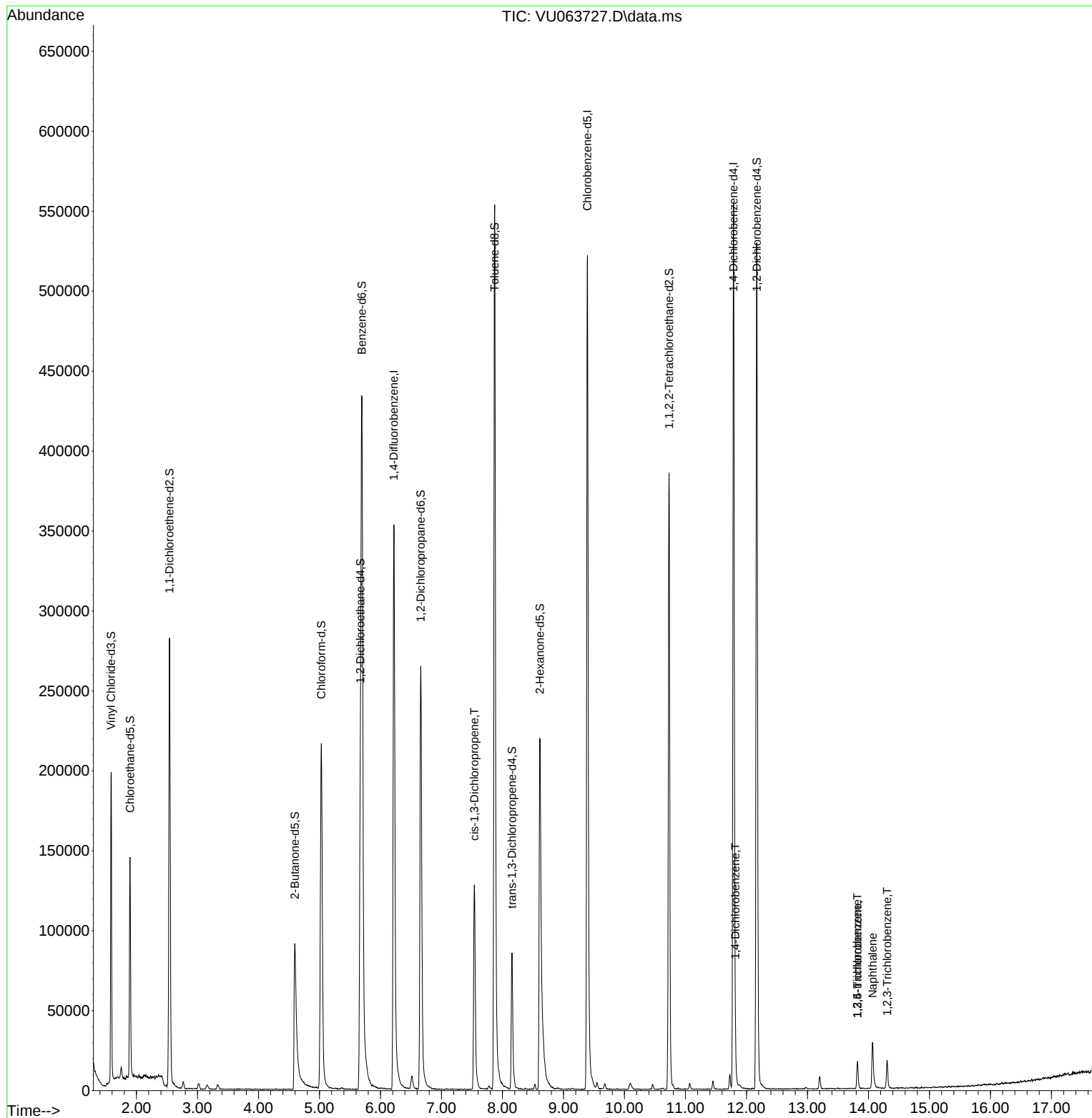
Internal Standards						
1) 1,4-Difluorobenzene	6.219	114	315936	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.393	117	296662	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.788	152	148308	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	125849	46.128	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.260%		
7) Chloroethane-d5	1.895	69	98540	46.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.760%		
11) 1,1-Dichloroethene-d2	2.541	63	171530	36.272	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.540%		
21) 2-Butanone-d5	4.596	46	147387	94.762	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.760%		
24) Chloroform-d	5.030	84	206324	45.074	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.140%		
26) 1,2-Dichloroethane-d4	5.670	65	143974	47.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.660%		
32) Benzene-d6	5.695	84	422330	48.568	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.140%		
36) 1,2-Dichloropropane-d6	6.660	67	123897	48.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.060%		
41) Toluene-d8	7.872	98	395453	47.897	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.800%		
43) trans-1,3-Dichloroprop...	8.155	79	47293	44.830	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.660%		
47) 2-Hexanone-d5	8.612	63	87478	94.250	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.250%		
56) 1,1,2,2-Tetrachloroeth...	10.730	84	181378	48.585	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.180%		
66) 1,2-Dichlorobenzene-d4	12.168	152	139950	49.988	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.980%		
Target Compounds						Qvalue
39) cis-1,3-Dichloropropene	7.538	75	3696	1.060	ug/L	# 81
65) 1,4-Dichlorobenzene	11.817	146	4926	0.959	ug/L	96
69) 1,3,5-Trichlorobenzene	13.817	180	5562	1.641	ug/L	98
70) 1,2,4-trichlorobenzene	13.817	180	5562	1.968	ug/L	99
71) Naphthalene	14.068	128	27219	3.618	ug/L	98
72) 1,2,3-Trichlorobenzene	14.306	180	5883	2.196	ug/L	95

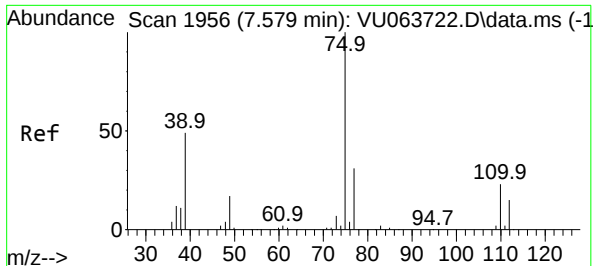
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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VBLK126

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Quant Title : VOC Analysis
QLast Update : Tue Nov 18 01:55:44 2025
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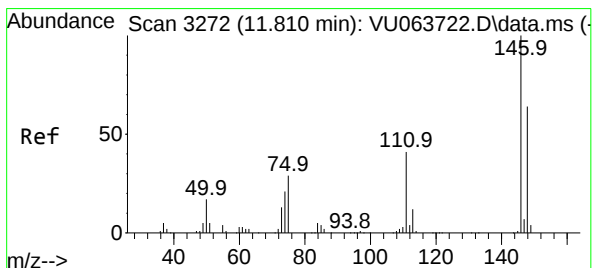
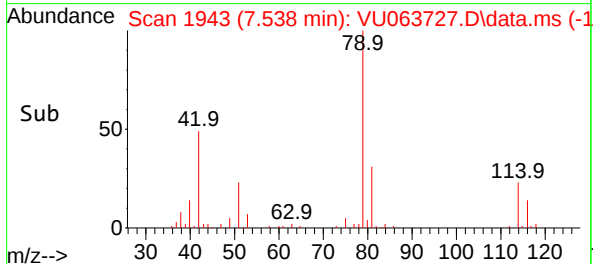
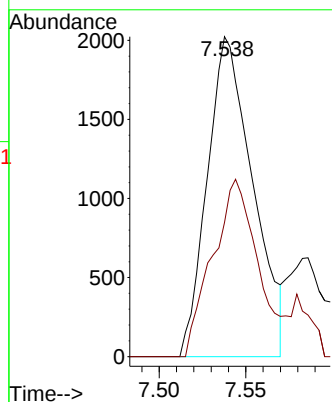
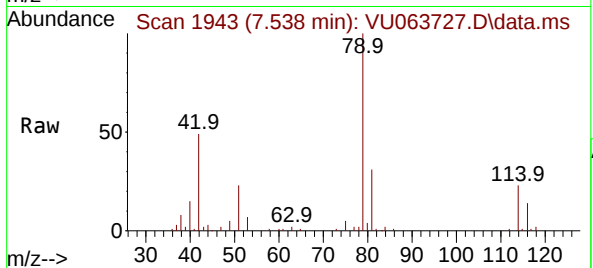




#39
 cis-1,3-Dichloropropene
 Concen: 1.060 ug/L
 RT: 7.538 min Scan# 1956
 Delta R.T. -0.041 min
 Lab File: VU063727.D
 Acq: 17 Nov 2025 15:08

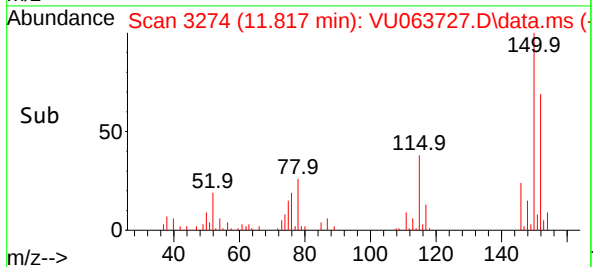
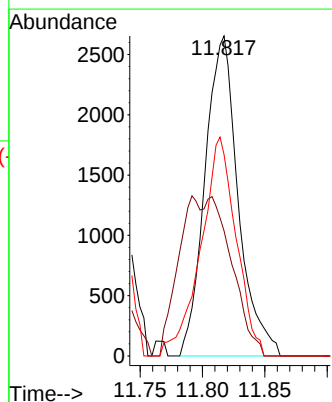
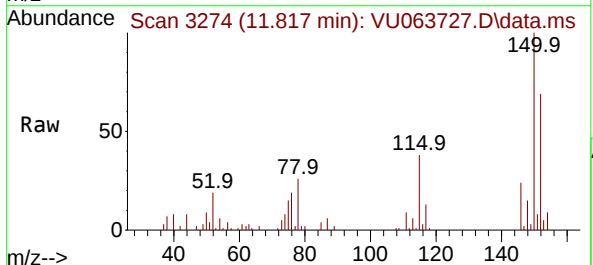
Instrument :
 MSVOA_U
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 VBLK126

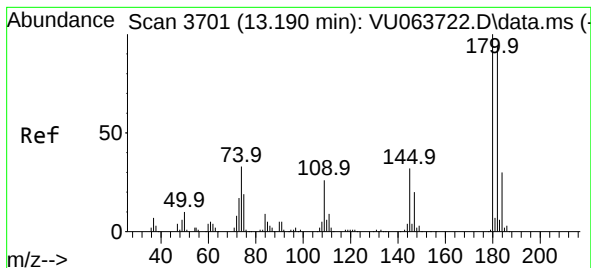
Tgt Ion: 75 Resp: 3696
 Ion Ratio Lower Upper
 75 100
 77 42.0 22.1 41.1#



#65
 1,4-Dichlorobenzene
 Concen: 0.959 ug/L
 RT: 11.817 min Scan# 3274
 Delta R.T. 0.007 min
 Lab File: VU063727.D
 Acq: 17 Nov 2025 15:08

Tgt Ion:146 Resp: 4926
 Ion Ratio Lower Upper
 146 100
 111 40.8 28.8 53.4
 148 59.0 44.9 83.3





#69

1,3,5-Trichlorobenzene

Concen: 1.641 ug/L

RT: 13.817 min Scan# 3896

Delta R.T. 0.627 min

Lab File: VU063727.D

Acq: 17 Nov 2025 15:08

Instrument :

MSVOA_U

ClientSampleId :

VBLK126

Tgt Ion:180 Resp: 5562

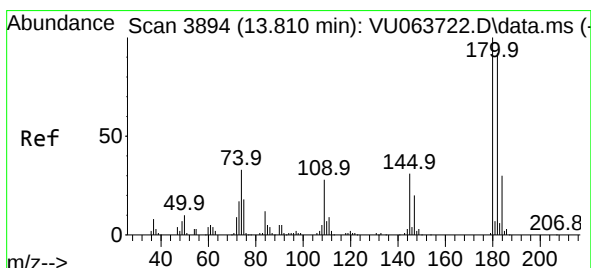
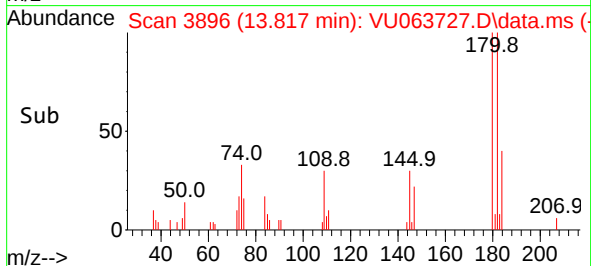
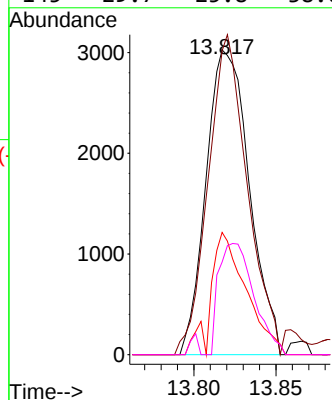
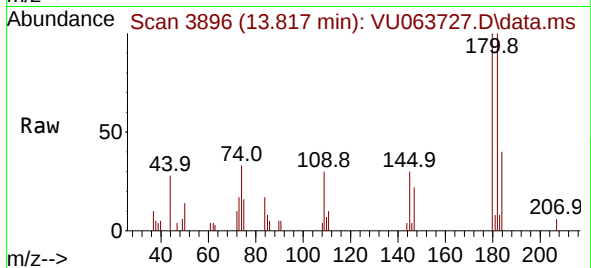
Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

184 30.3 24.4 36.6

145 29.7 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 1.968 ug/L

RT: 13.817 min Scan# 3896

Delta R.T. 0.007 min

Lab File: VU063727.D

Acq: 17 Nov 2025 15:08

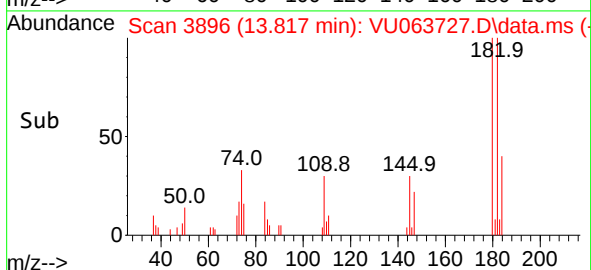
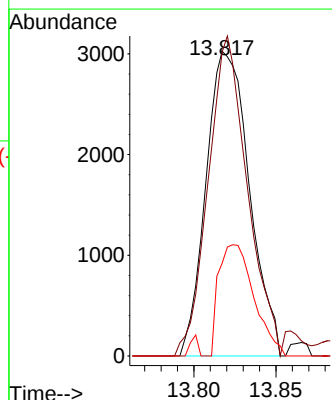
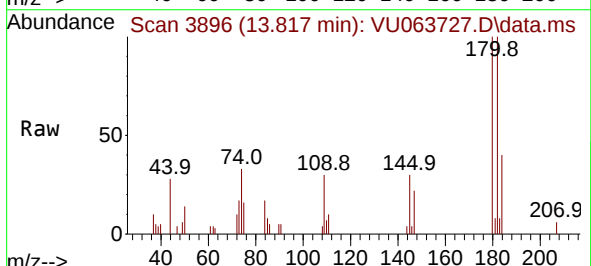
Tgt Ion:180 Resp: 5562

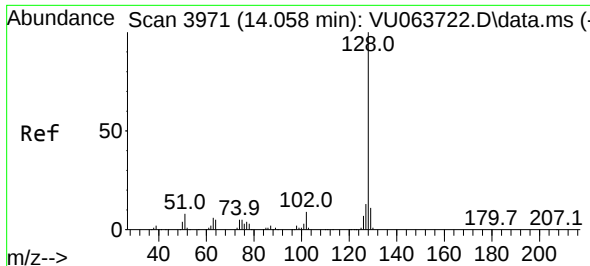
Ion Ratio Lower Upper

180 100

182 94.5 75.8 113.8

145 29.7 25.7 38.5

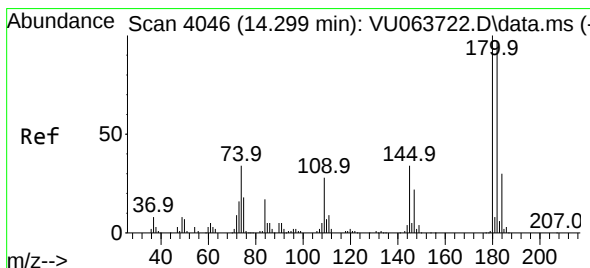
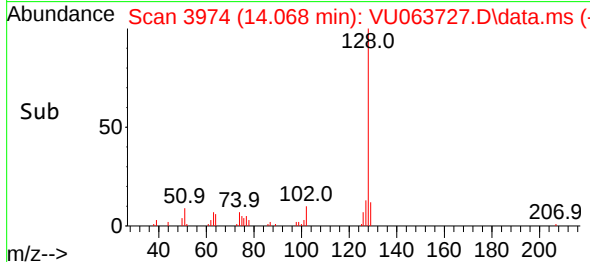
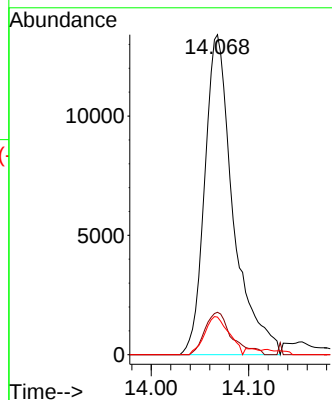
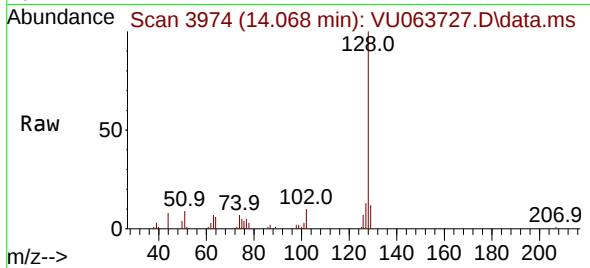




#71
Naphthalene
Concen: 3.618 ug/L
RT: 14.068 min Scan# 3971
Delta R.T. 0.010 min
Lab File: VU063727.D
Acq: 17 Nov 2025 15:08

Instrument :
MSVOA_U
ClientSampleId :
VBLK126

Tgt Ion:128	Resp:	27219
Ion Ratio	Lower	Upper
128	100	
127	12.0	10.3 15.5
129	10.1	8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 2.196 ug/L
RT: 14.306 min Scan# 4048
Delta R.T. 0.007 min
Lab File: VU063727.D
Acq: 17 Nov 2025 15:08

Tgt Ion:180	Resp:	5883
Ion Ratio	Lower	Upper
180	100	
182	90.5	76.9 115.3
145	35.6	26.6 39.8

