

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121823\  
 Data File : VU057028.D  
 Acq On : 19 Dec 2023 06:08  
 Operator : MD/SY  
 Sample : 05843-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Dec 19 06:32:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 19 02:36:03 2023  
 Response via : Initial Calibration

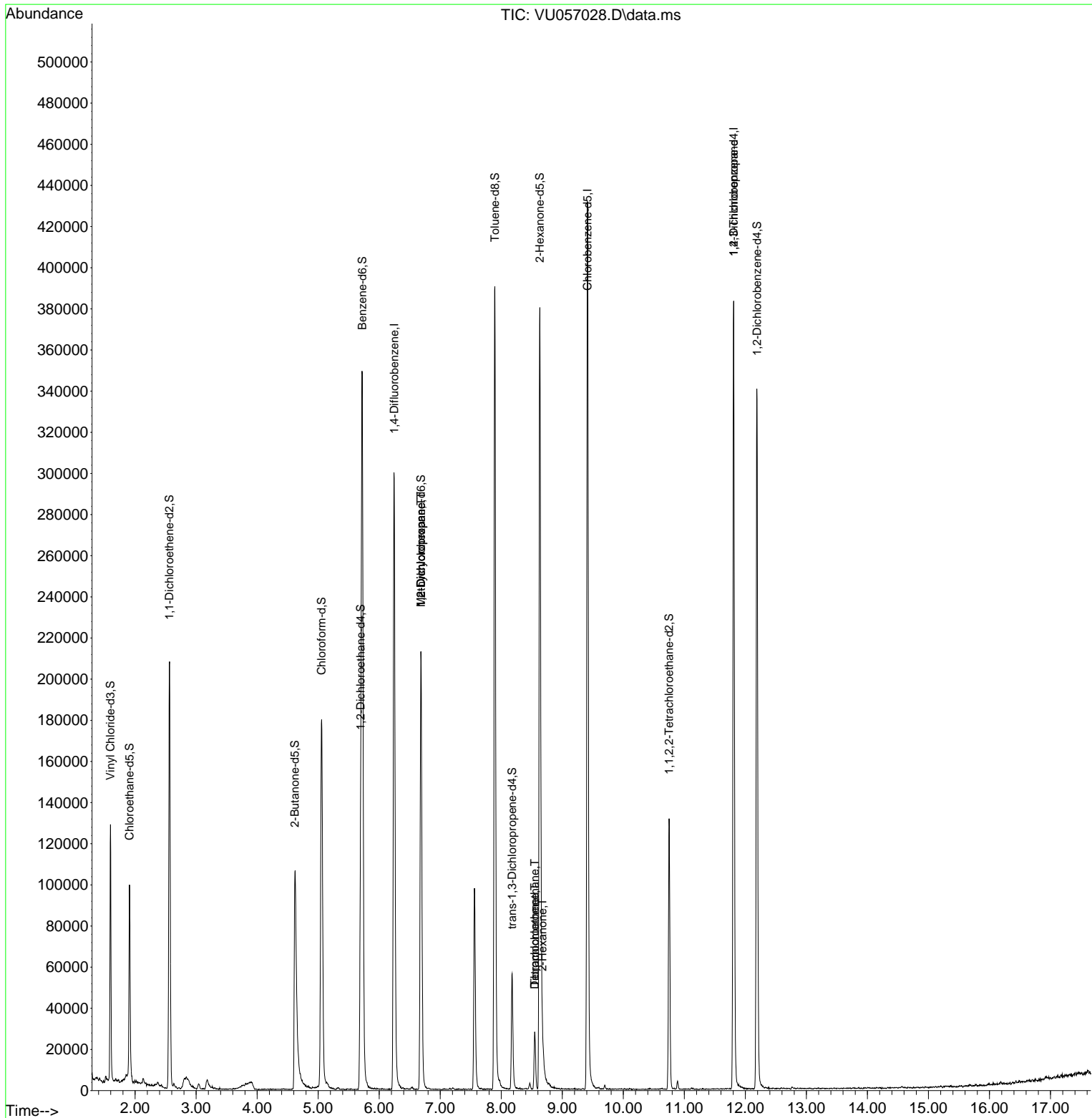
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	243569	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	253834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104777	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	88230	4.226	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.600%	
7) Chloroethane-d5	1.908	69	69083	4.422	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.400%	
11) 1,1-Dichloroethene-d2	2.560	65	40265	4.508	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.200%	
20) 2-Butanone-d5	4.618	46	172561	41.852	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.700%	
24) Chloroform-d	5.055	84	177665	4.494	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
26) 1,2-Dichloroethane-d4	5.695	65	82398	4.404	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
32) Benzene-d6	5.721	84	335655	4.263	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
36) 1,2-Dichloropropane-d6	6.682	67	108773	4.414	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.200%	
41) Toluene-d8	7.894	98	270215	3.840	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.800%	
43) trans-1,3-Dichloroprop...	8.177	79	34258	3.585	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.600%	
46) 2-Hexanone-d5	8.631	63	130839	36.300	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.600%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	66290	3.718	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	74.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	92213	4.477	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.600%	
Target Compounds						
35) Methylcyclohexane	6.682	83	25458	0.705	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11928	0.523	ug/L #	88
47) Tetrachloroethene	8.547	164	6632	0.387	ug/L	82
48) 2-Hexanone	8.672	43	4747	0.615	ug/L #	36
49) Dibromochloromethane	8.550	129	6533	0.368	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	12679	1.127	ug/L #	70

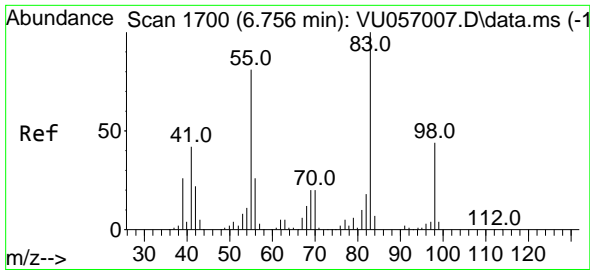
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 QLast Update : Tue Dec 19 02:36:03 2023  
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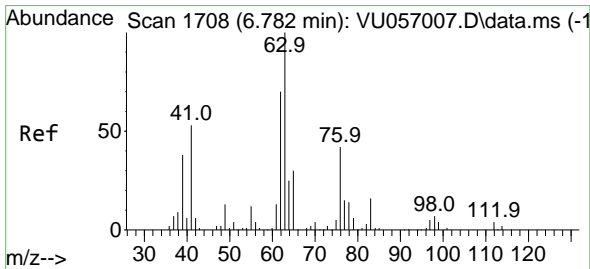
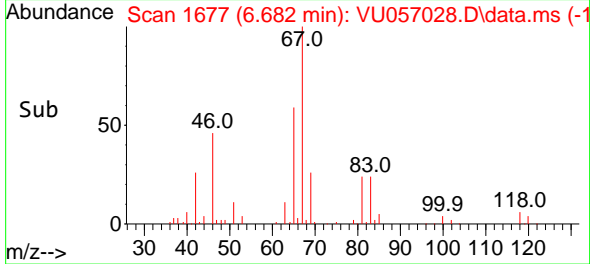
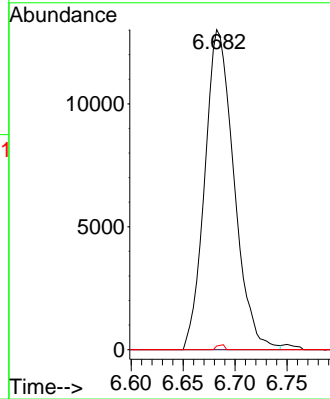
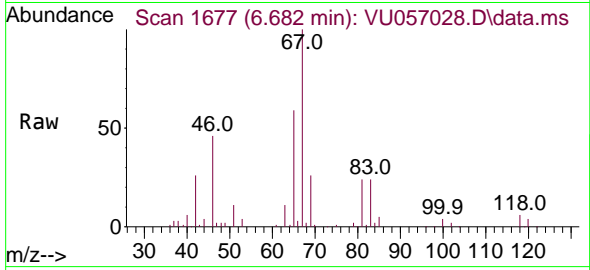




#35  
 Methylcyclohexane  
 Concen: 0.705 ug/L  
 RT: 6.682 min Scan# 1677  
 Delta R.T. -0.074 min  
 Lab File: VU057028.D  
 Acq: 19 Dec 2023 06:08

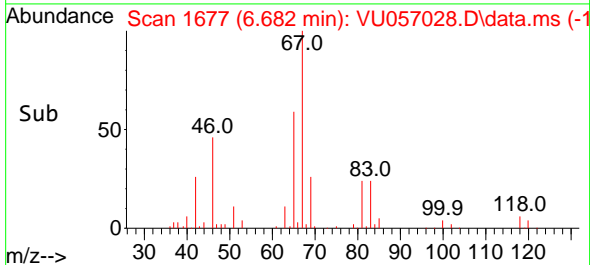
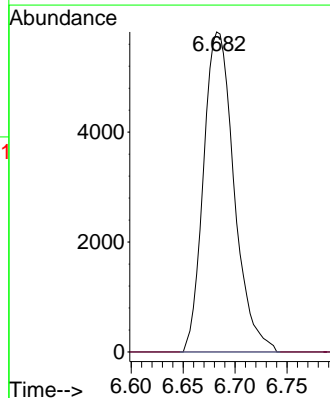
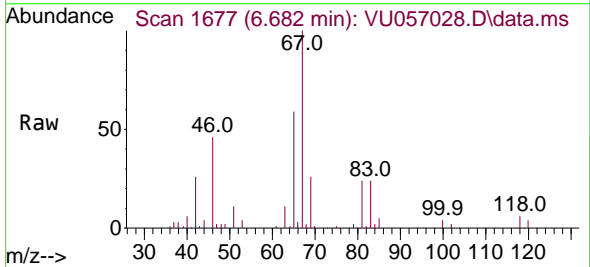
Instrument :  
 MSVOA\_U  
 ClientSampleId :

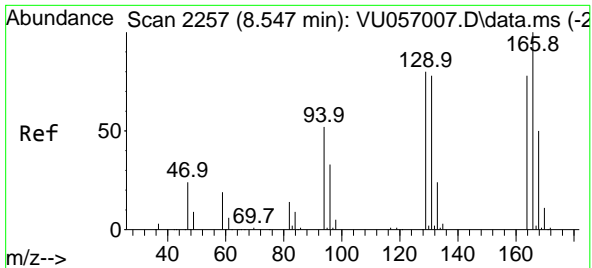
Tgt Ion	Resp	Lower	Upper
83	25458		
55	0.0	64.6	97.0#
98	0.4	36.1	54.1#



#37  
 1,2-Dichloropropane  
 Concen: 0.523 ug/L  
 RT: 6.682 min Scan# 1677  
 Delta R.T. -0.100 min  
 Lab File: VU057028.D  
 Acq: 19 Dec 2023 06:08

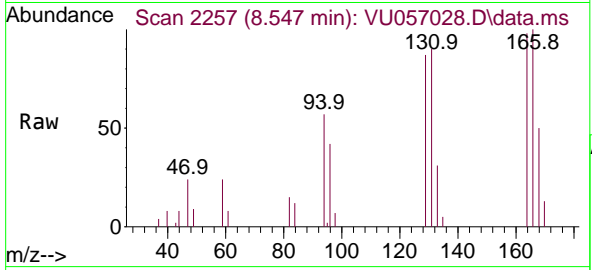
Tgt Ion	Resp	Lower	Upper
63	11928		
112	0.0	3.3	4.9#



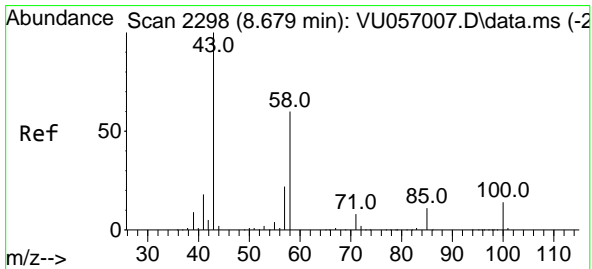
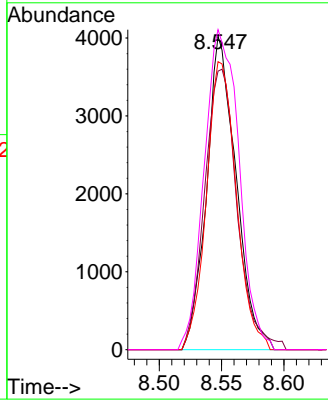
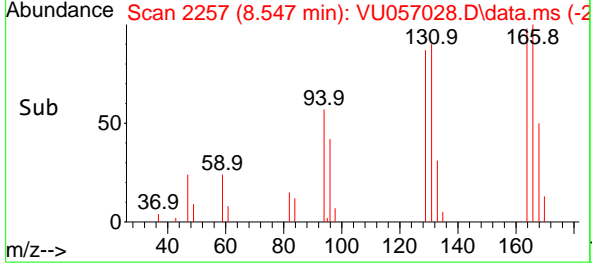


#47  
 Tetrachloroethene  
 Concen: 0.387 ug/L  
 RT: 8.547 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VU057028.D  
 Acq: 19 Dec 2023 06:08

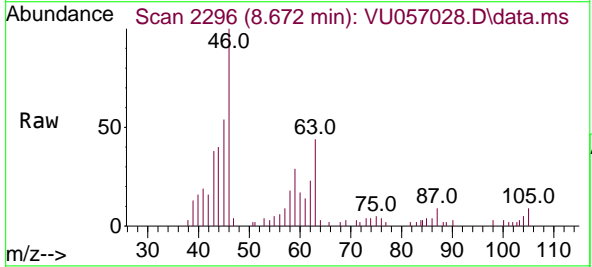
Instrument :  
 MSVOA\_U  
 ClientSampleId :



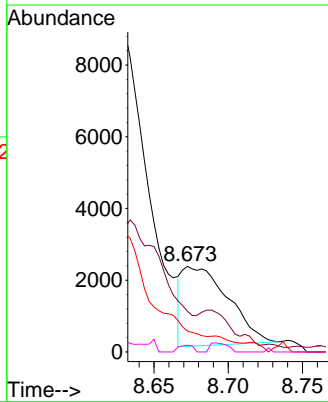
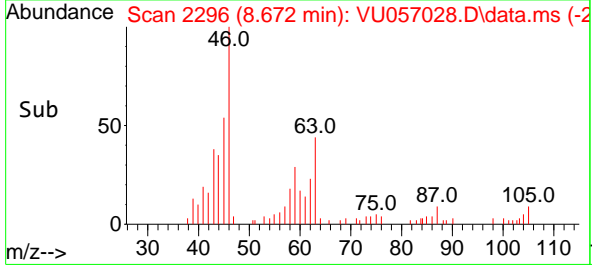
Tgt Ion:164 Resp: 6632  
 Ion Ratio Lower Upper  
 164 100  
 129 89.0 73.4 136.4  
 131 91.9 71.5 132.9  
 166 102.2 92.7 172.1

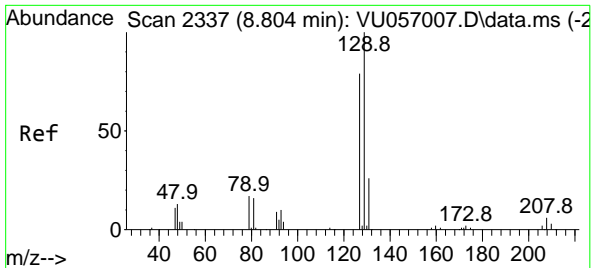


#48  
 2-Hexanone  
 Concen: 0.615 ug/L  
 RT: 8.672 min Scan# 2296  
 Delta R.T. -0.006 min  
 Lab File: VU057028.D  
 Acq: 19 Dec 2023 06:08



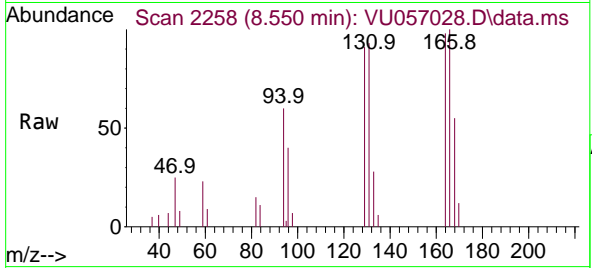
Tgt Ion: 43 Resp: 4747  
 Ion Ratio Lower Upper  
 43 100  
 58 0.0 47.5 71.3#  
 57 0.0 17.0 25.4#  
 100 2.7 9.8 14.8#



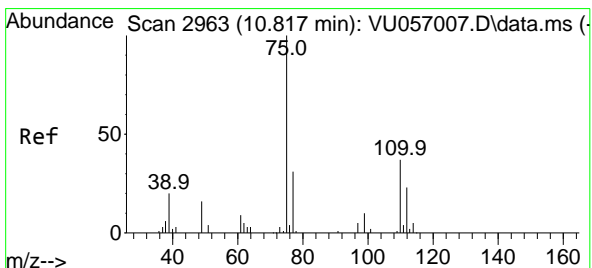
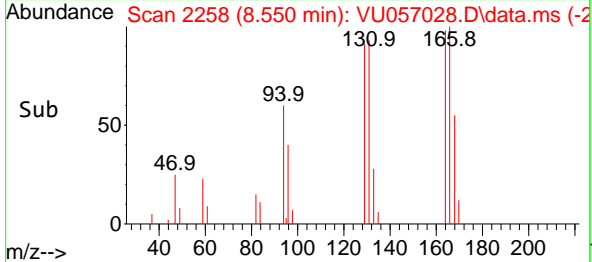
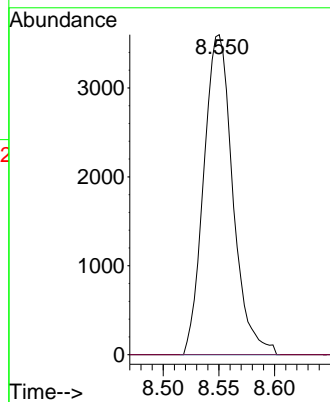


#49  
 Dibromochloromethane  
 Concen: 0.368 ug/L  
 RT: 8.550 min Scan# 21  
 Delta R.T. -0.254 min  
 Lab File: VU057028.D  
 Acq: 19 Dec 2023 06:08

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion:129 Resp: 6533  
 Ion Ratio Lower Upper  
 129 100  
 127 0.0 53.9 100.1#



#61  
 1,2,3-Trichloropropane  
 Concen: 1.127 ug/L  
 RT: 11.807 min Scan# 3271  
 Delta R.T. 0.990 min  
 Lab File: VU057028.D  
 Acq: 19 Dec 2023 06:08

Tgt Ion: 75 Resp: 12679  
 Ion Ratio Lower Upper  
 75 100  
 110 3.0 28.4 42.6#  
 77 34.7 26.3 39.5

