

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062854.D
 Acq On : 17 Jan 2025 05:37
 Operator : MD/SY
 Sample : Q1072-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 06:19:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 23:11:57 2025
 Response via : Initial Calibration

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

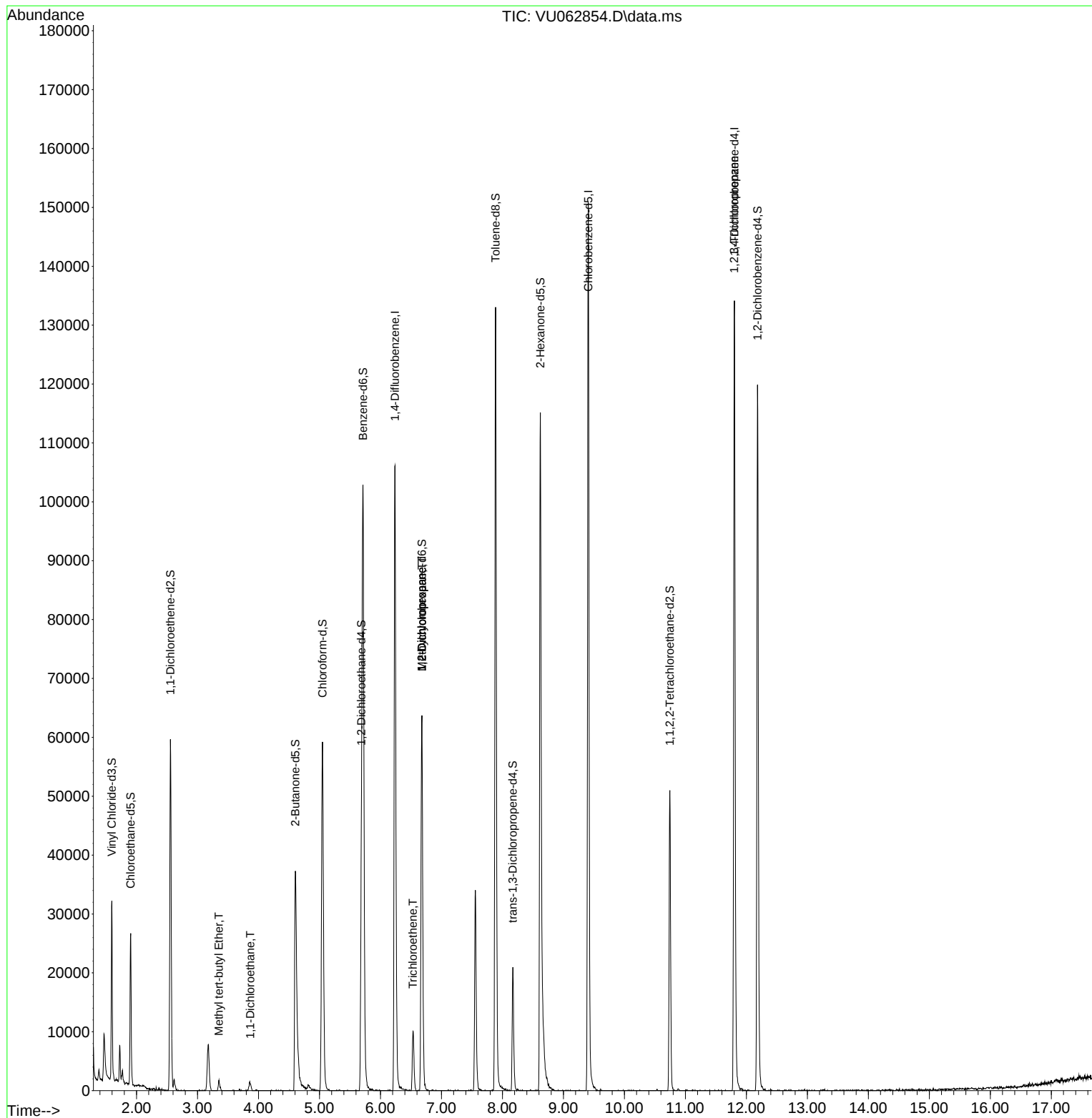
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	88161	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	85197	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39638	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20905	4.281	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.904	69	18292	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.557	65	11229	4.439	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.605	46	52356	52.465	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.920%
24) Chloroform-d	5.049	84	57939	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.689	65	34439	5.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.714	84	96222	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.679	67	28758	4.980	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.888	98	89285	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.171	79	13236	4.599	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.621	63	38736	42.790	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.580%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24133	4.990	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	34124	5.175	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.351	73	1996	0.133	ug/L #	85
19) 1,1-Dichloroethane	3.865	63	2162	0.206	ug/L	99
34) Trichloroethene	6.531	95	3935	0.471	ug/L	89
35) Methylcyclohexane	6.679	83	8057	0.783	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3942	0.683	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	3839	1.092	ug/L #	57

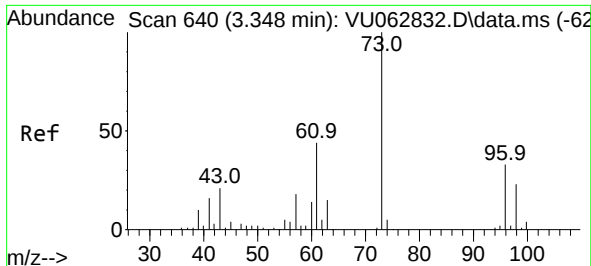
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 23:11:57 2025
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.133 ug/L

RT: 3.351 min Scan# 64

Delta R.T. 0.003 min

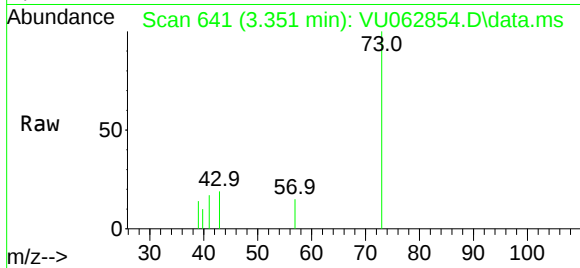
Lab File: VU062854.D

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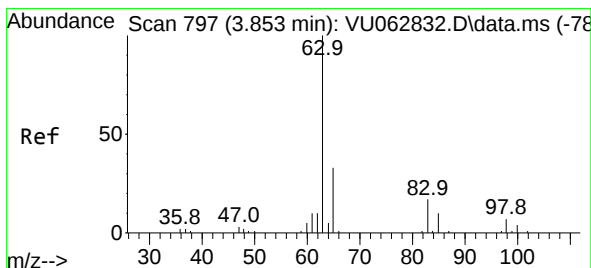
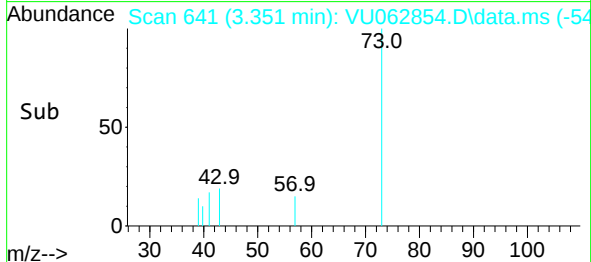
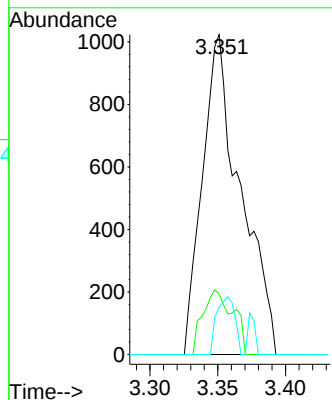
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 73	Resp:	1996
Ion	Ratio	Lower Upper
73	100	
43	16.0	16.2 24.4#
57	8.6	14.6 22.0#



#19

1,1-Dichloroethane

Concen: 0.206 ug/L

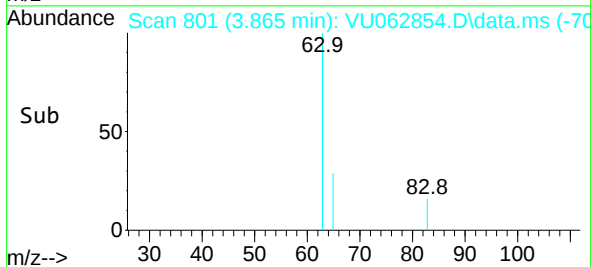
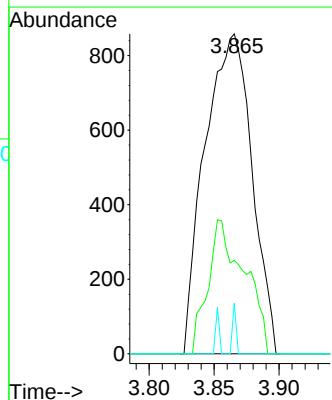
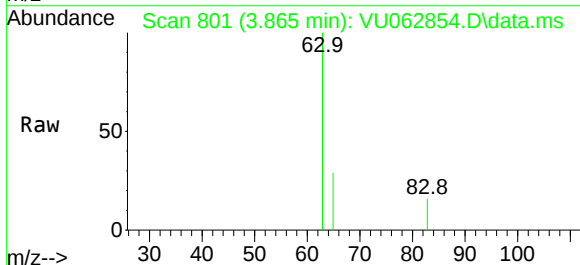
RT: 3.865 min Scan# 801

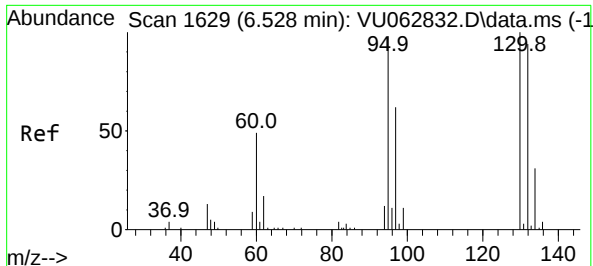
Delta R.T. 0.013 min

Lab File: VU062854.D

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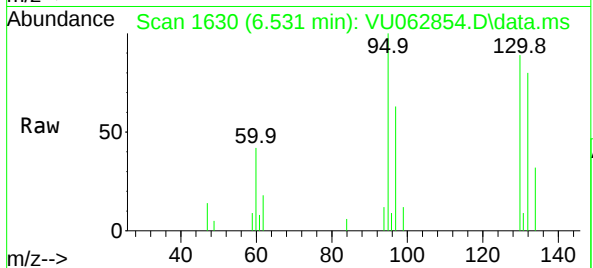
Tgt Ion: 63	Resp:	2162
Ion	Ratio	Lower Upper
63	100	
65	29.3	20.7 38.5
83	15.9	10.5 19.5



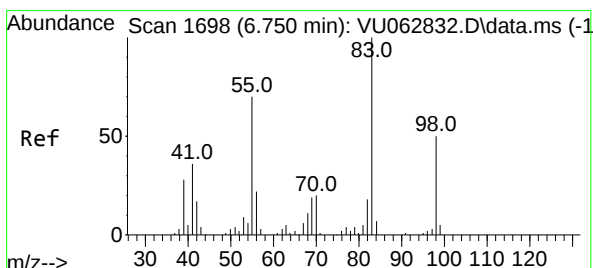
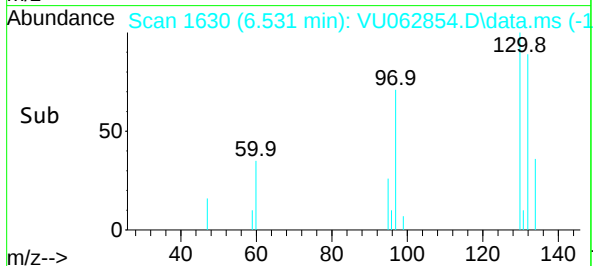
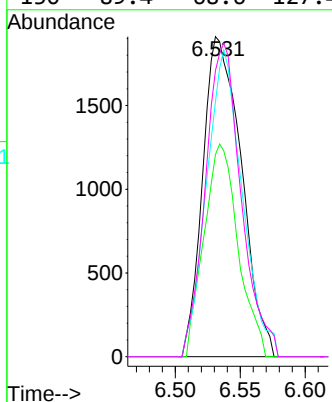


#34
Trichloroethene
Concen: 0.471 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. 0.003 min
Lab File: VU062854.D
Acq: 17 Jan 2025 05:37

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MSVOA_U
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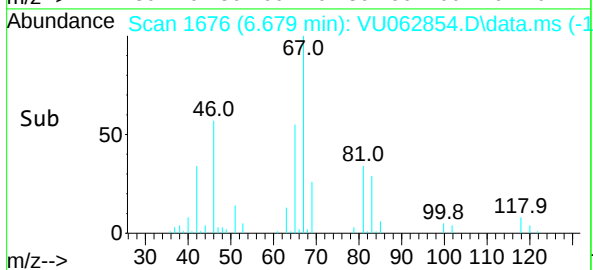
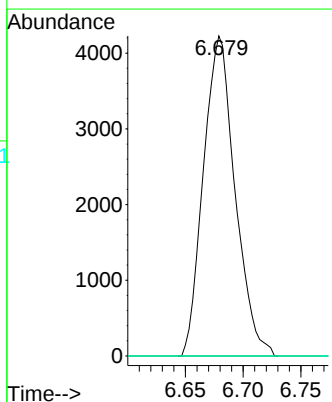
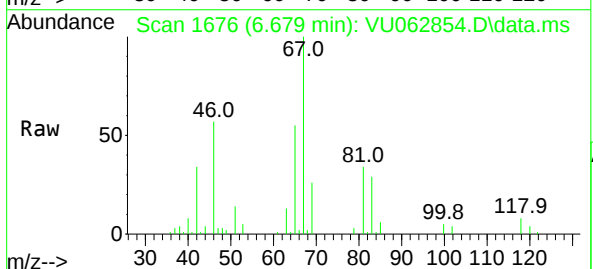


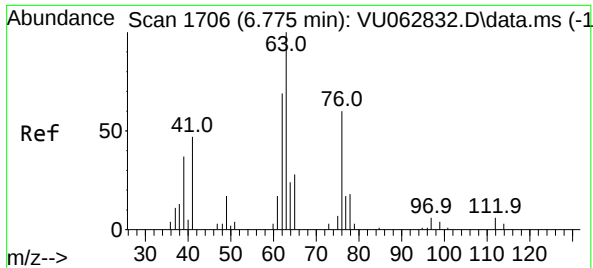
Tgt Ion	95	Resp:	3935
Ion	Ratio	Lower	Upper
95	100		
97	63.2	47.5	88.3
132	79.7	66.9	124.3
130	89.4	68.6	127.4



#35
Methylcyclohexane
Concen: 0.783 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062854.D
Acq: 17 Jan 2025 05:37

Tgt Ion	83	Resp:	8057
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.2	85.8#
98	0.8	36.6	55.0#

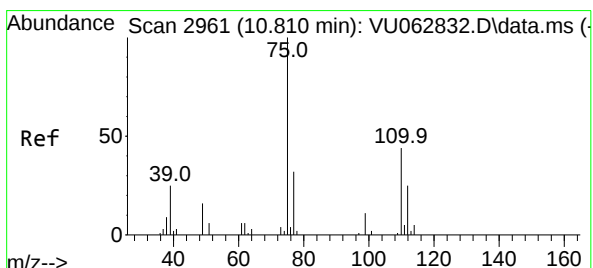
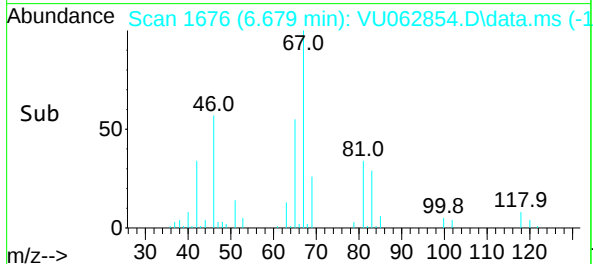
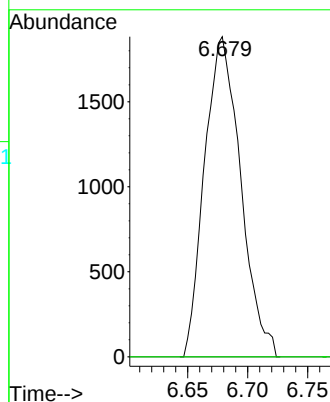
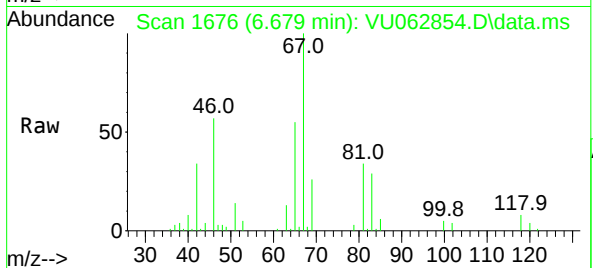




#37
1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU062854.D
Acq: 17 Jan 2025 05:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3942
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 1.092 ug/L
RT: 11.801 min Scan# 3269
Delta R.T. 0.990 min
Lab File: VU062854.D
Acq: 17 Jan 2025 05:37

Tgt Ion: 75 Resp: 3839
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 40.5 25.9 38.9#

