

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062868.D
 Acq On : 17 Jan 2025 13:48
 Operator : MD/SY
 Sample : Q1072-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ98

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2025
 Supervised By : Mahesh Dadoda 01/21/2025

Quant Time: Jan 17 21:59:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 21:53:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90615	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86128	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41145	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20447	4.074	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.904	69	18123	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.554	65	11075	4.260	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.605	46	56316	54.904	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.800%
24) Chloroform-d	5.049	84	61395	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.689	65	34929	5.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.714	84	98593	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.679	67	28553	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.888	98	93611	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.171	79	14058	4.831	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.621	63	43142	47.142	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24131	4.936	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	35415	5.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds	Qvalue					
12) 1,1-Dichloroethene	2.567	96	1992	0.354	ug/L #	1
13) Acetone	2.608	43	196235	241.507	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	4684	0.777	ug/L	96
19) 1,1-Dichloroethane	3.853	63	42503	3.945	ug/L	91
21) 2-Butanone	4.708	43	4452m	4.114	ug/L	
22) cis-1,2-Dichloroethene	4.653	96	90194	13.743	ug/L	98

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

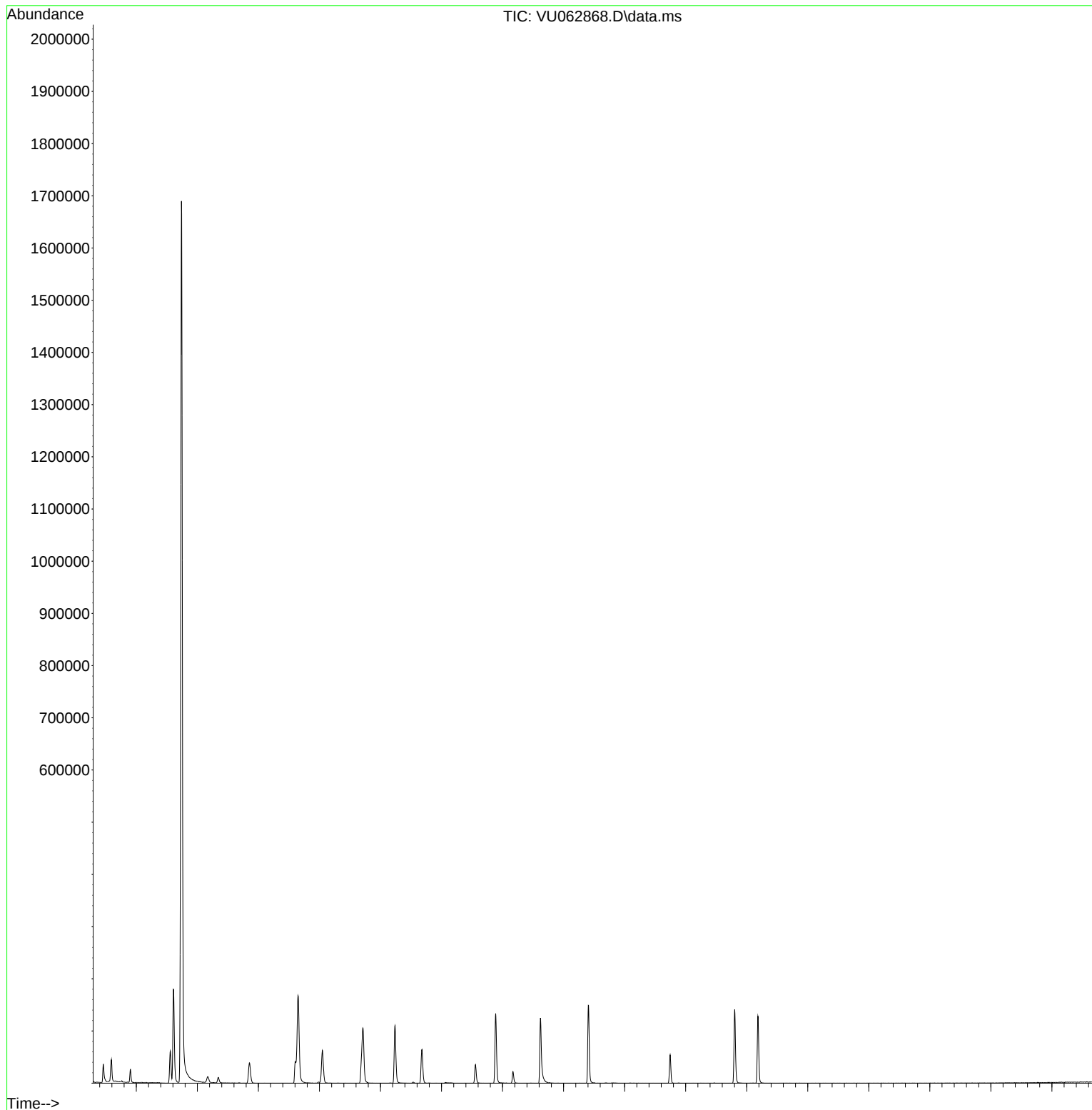
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062868.D
Acq On : 17 Jan 2025 13:48
Operator : MD/SY
Sample : Q1072-16
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

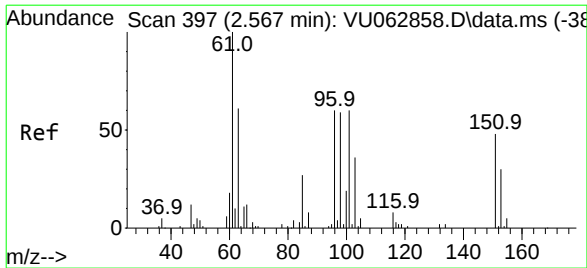
Instrument :
MSVOA_U
ClientSampleId :
GCQ98

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/21/2025
Supervised By : Mahesh Dadoda 01/21/2025

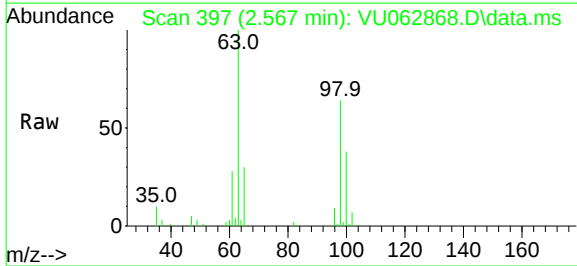
Quant Time: Jan 17 21:59:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 17 21:53:56 2025
Response via : Initial Calibration





#12
1,1-Dichloroethene
Concen: 0.354 ug/L
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU062868.D
Acq: 17 Jan 2025 13:48

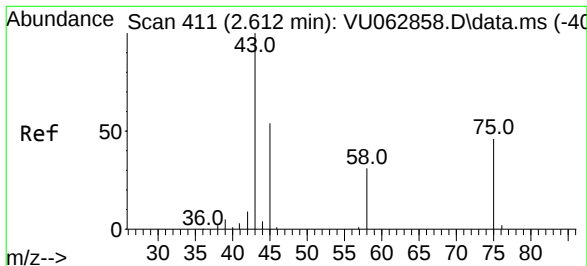
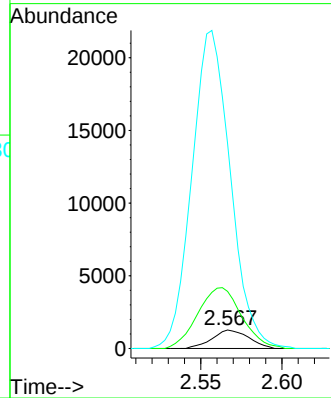
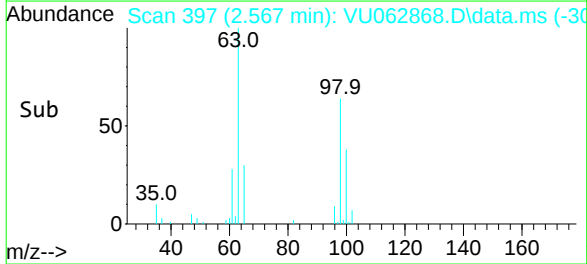
Instrument :
MSVOA_U
ClientSampleId :
GCQ98



Tgt Ion: 96 Resp: 1992
Ion Ratio Lower Upper
96 100
61 308.4 120.4 223.6#
63 1107.4 82.3 152.9

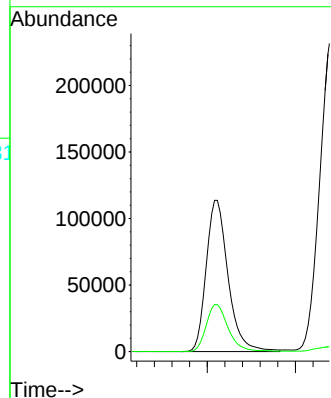
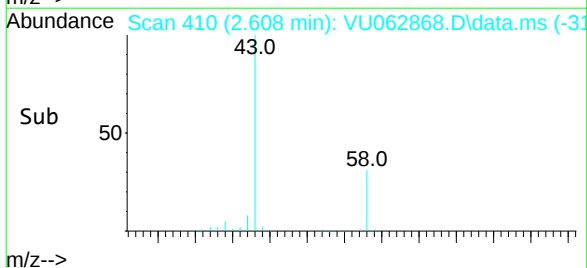
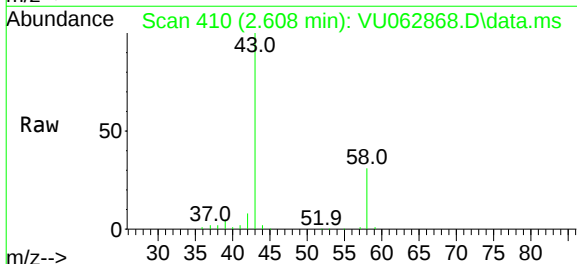
Manual Integrations
APPROVED

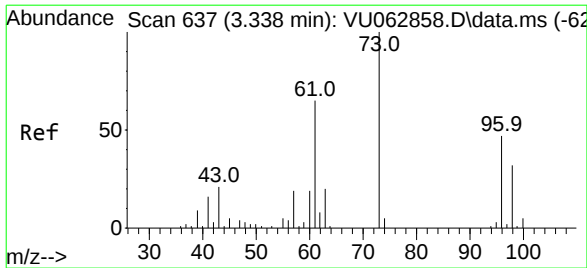
Reviewed By :John Carlone 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#13
Acetone
Concen: 241.507 ug/L
RT: 2.608 min Scan# 410
Delta R.T. -0.003 min
Lab File: VU062868.D
Acq: 17 Jan 2025 13:48

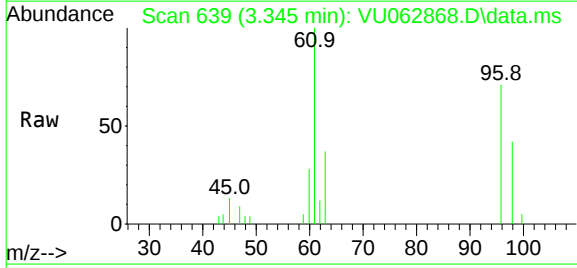
Tgt Ion: 43 Resp: 196235
Ion Ratio Lower Upper
43 100
58 31.3 0.0 64.4





#18
trans-1,2-Dichloroethene
Concen: 0.777 ug/L
RT: 3.345 min Scan# 63
Delta R.T. 0.006 min
Lab File: VU062868.D
Acq: 17 Jan 2025 13:48

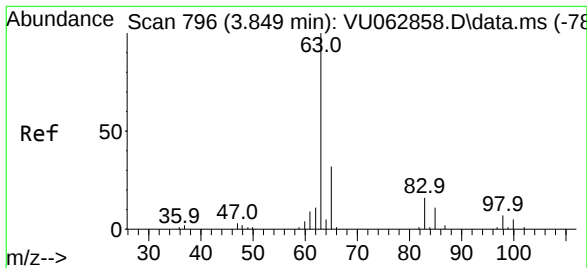
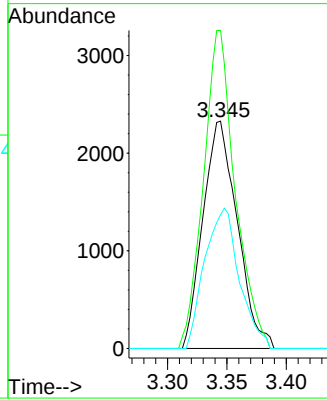
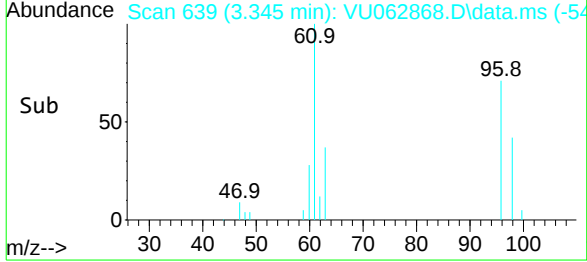
Instrument :
MSVOA_U
ClientSampleId :
GCQ98



Tgt Ion: 96 Resp: 4684
Ion Ratio Lower Upper
96 100
61 139.9 94.4 175.2
98 58.8 42.8 79.4

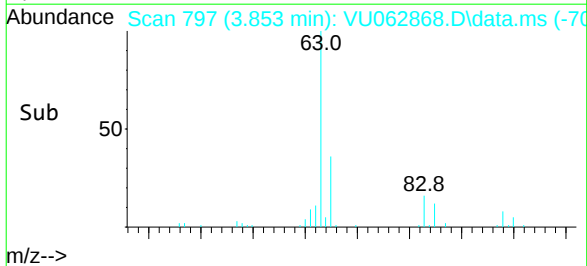
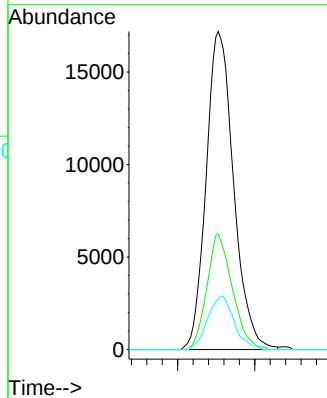
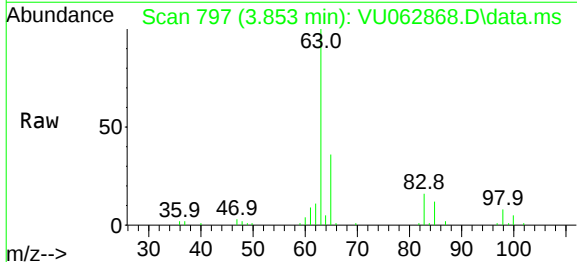
Manual Integrations
APPROVED

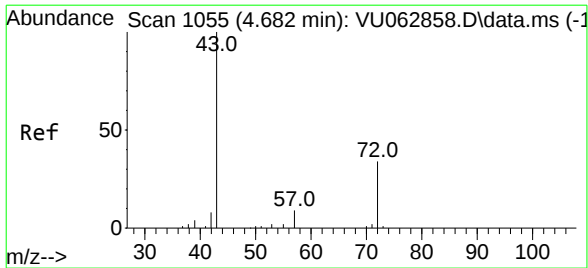
Reviewed By :John Carlone 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#19
1,1-Dichloroethane
Concen: 3.945 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU062868.D
Acq: 17 Jan 2025 13:48

Tgt Ion: 63 Resp: 42503
Ion Ratio Lower Upper
63 100
65 36.4 20.7 38.5
83 15.9 10.5 19.5





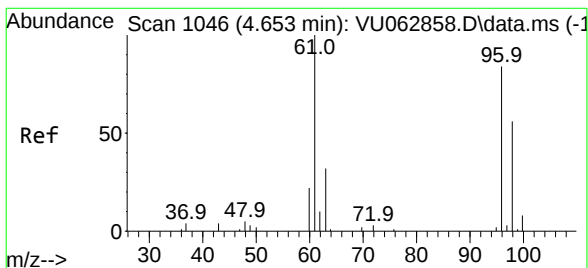
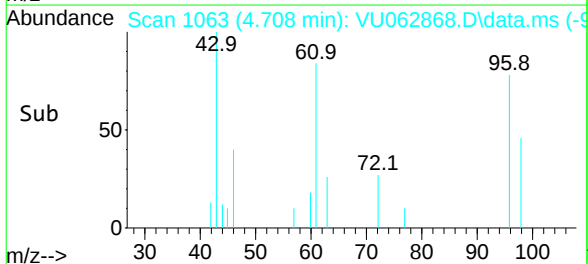
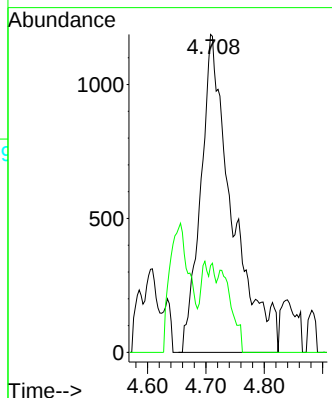
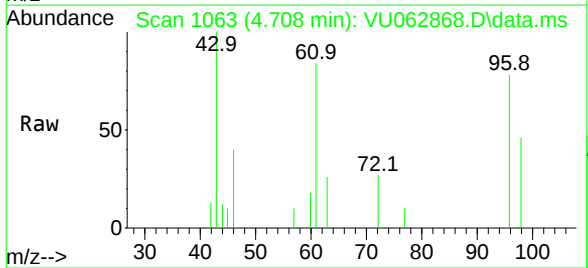
#21
 2-Butanone
 Concen: 4.114 ug/L m
 RT: 4.708 min Scan# 1063
 Delta R.T. 0.026 min
 Lab File: VU062868.D
 Acq: 17 Jan 2025 13:48

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ98

Tgt Ion:	43	Resp:	4452
Ion	Ratio	Lower	Upper
43	100		
72	3.1	17.1	51.2#

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/21/2025
 Supervised By :Mahesh Dadoda 01/21/2025



#22
 cis-1,2-Dichloroethene
 Concen: 13.743 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062868.D
 Acq: 17 Jan 2025 13:48

Tgt Ion:	96	Resp:	90194
Ion	Ratio	Lower	Upper
96	100		
61	121.1	84.8	157.6
98	65.5	43.1	80.1

