

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062877.D
 Acq On : 17 Jan 2025 17:25
 Operator : MD/SY
 Sample : Q1071-11DL 40X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ77DL

Manual Integrations
 APPROVED

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

Quant Time: Jan 17 22:01:19 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	83902	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18608	4.004	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.901	69	17557	4.697	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.554	65	10770	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.605	46	55518	58.457	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.920%
24) Chloroform-d	5.049	84	56424	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.689	65	33101	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.714	84	93798	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.676	67	25693	4.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.888	98	84658	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.171	79	13692	5.092	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.621	63	46848	55.392	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25560	5.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	33973	5.445	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
8) Chloroethane	1.924	64	3959m	1.091	ug/L	
12) 1,1-Dichloroethene	2.567	96	22453	4.311	ug/L	90
18) trans-1,2-Dichloroethene	3.351	96	1477	0.265	ug/L	93
19) 1,1-Dichloroethane	3.853	63	13379	1.341	ug/L	92
22) cis-1,2-Dichloroethene	4.650	96	62957	10.360	ug/L	98

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

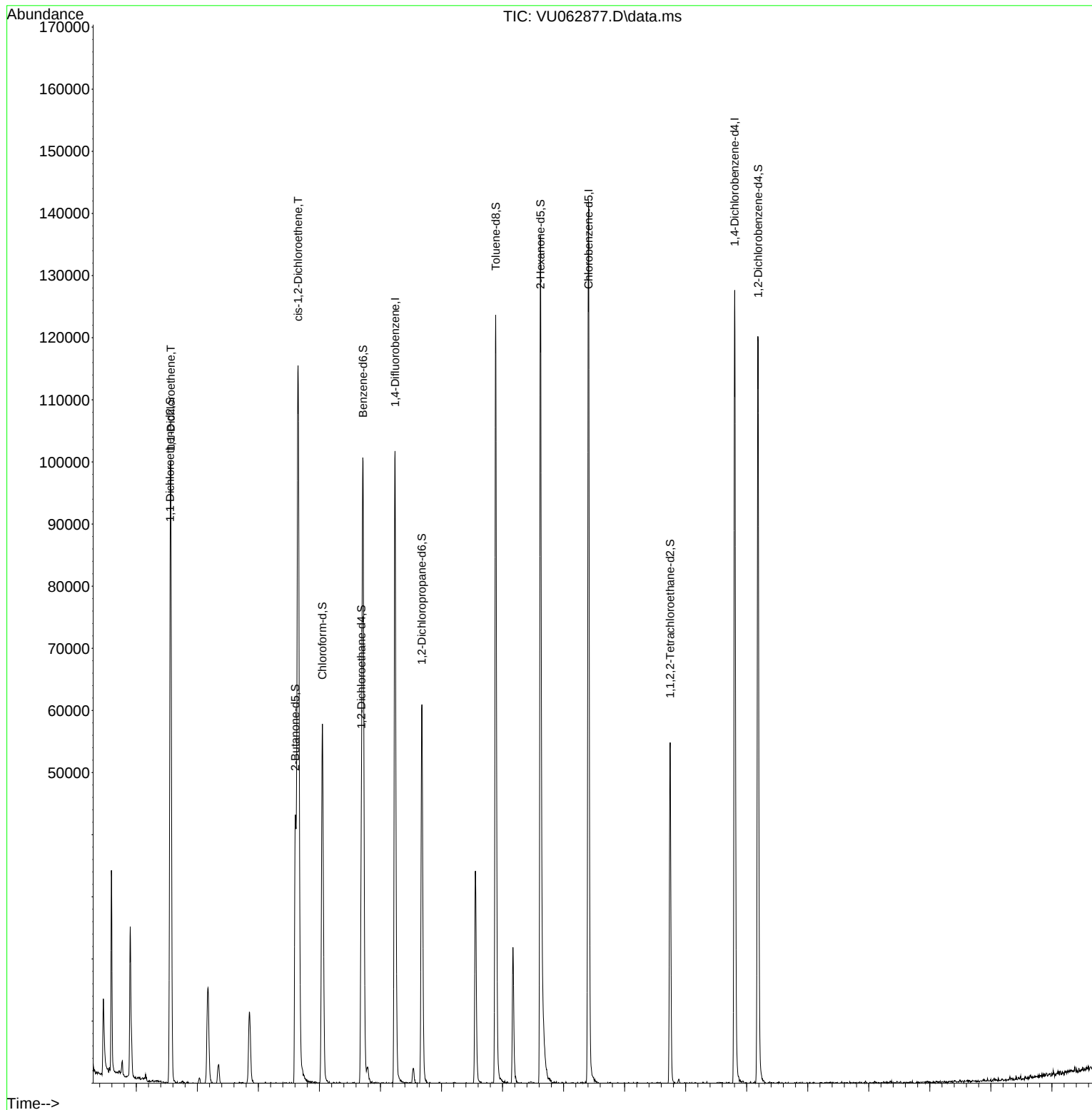
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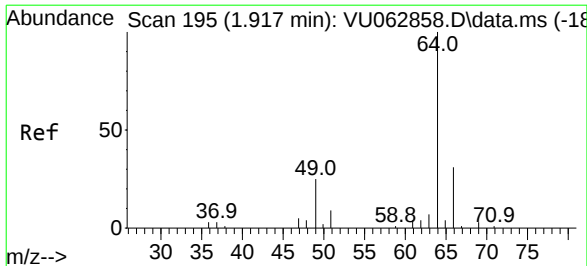
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ClientSampleId :
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Quant Time: Jan 17 22:01:19 2025
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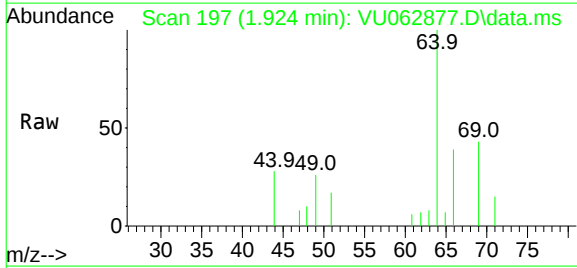
Reviewed By : John Carlone 01/21/2025
Supervised By : Mahesh Dadoda 01/21/2025





#8
Chloroethane
Concen: 1.091 ug/L m
RT: 1.924 min Scan# 19
Delta R.T. 0.007 min
Lab File: VU062877.D
Acq: 17 Jan 2025 17:25

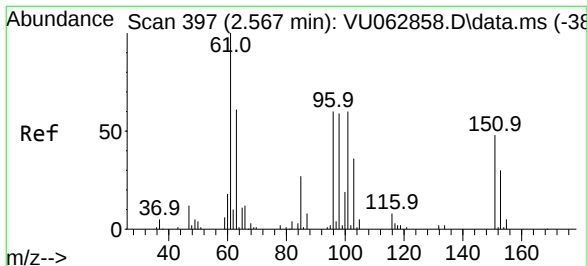
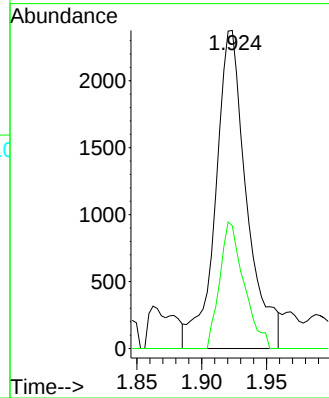
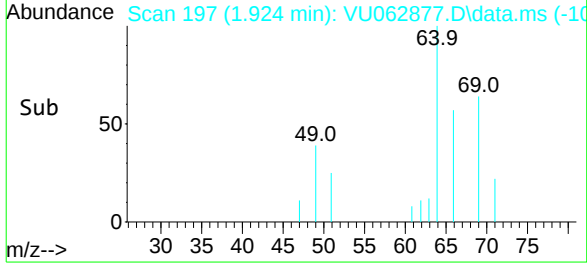
Instrument :
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ClientSampleId :
GCQ77DL



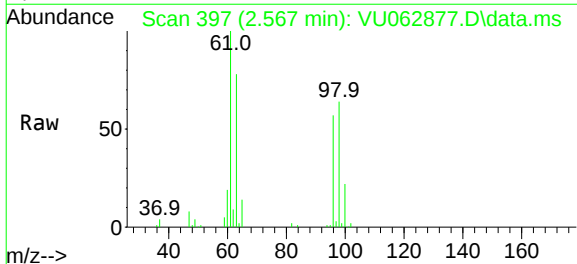
Tgt Ion: 64 Resp: 3959
Ion Ratio Lower Upper
64 100
66 38.6 21.6 40.2

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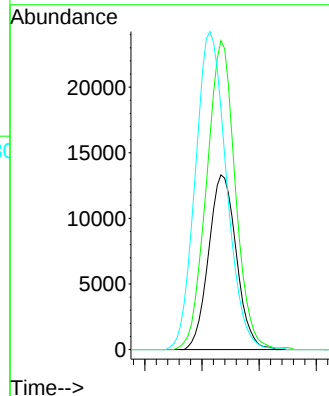
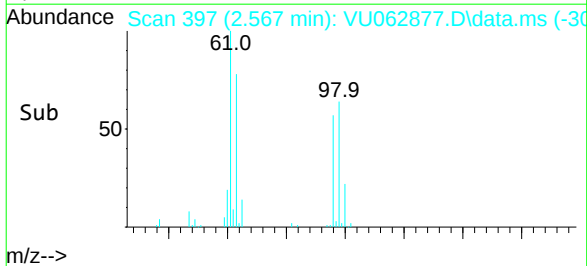
Reviewed By :John Carlone 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025

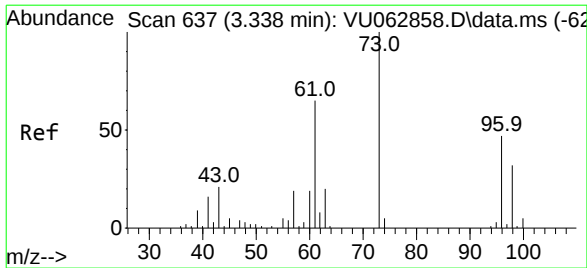


#12
1,1-Dichloroethene
Concen: 4.311 ug/L
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU062877.D
Acq: 17 Jan 2025 17:25



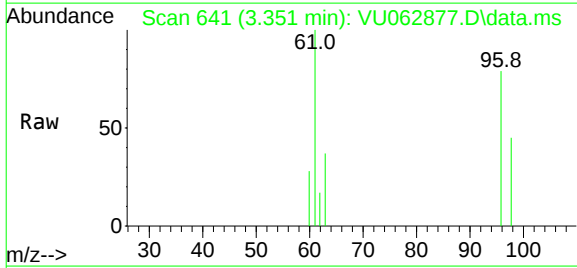
Tgt Ion: 96 Resp: 22453
Ion Ratio Lower Upper
96 100
61 176.8 120.4 223.6
63 137.9 82.3 152.9





#18
trans-1,2-Dichloroethene
Concen: 0.265 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.013 min
Lab File: VU062877.D
Acq: 17 Jan 2025 17:25

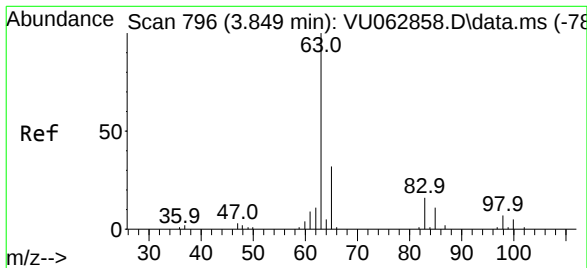
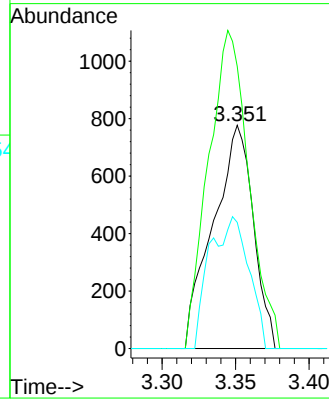
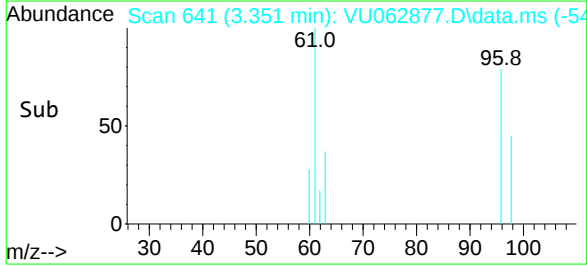
Instrument :
MSVOA_U
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Tgt Ion: 96 Resp: 1477
Ion Ratio Lower Upper
96 100
61 126.4 94.4 175.2
98 56.5 42.8 79.4

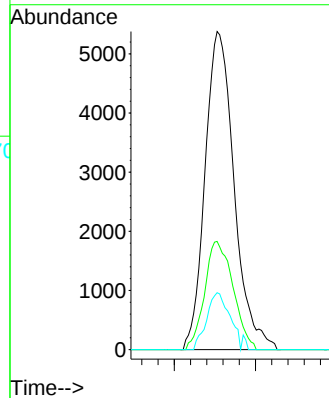
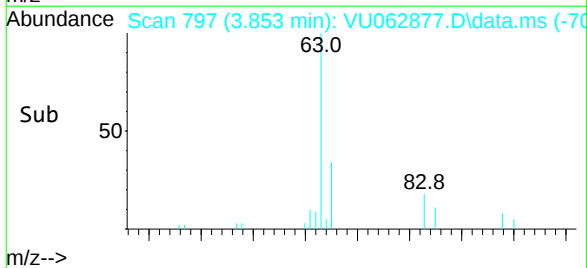
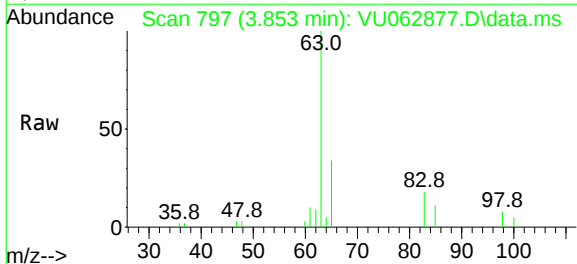
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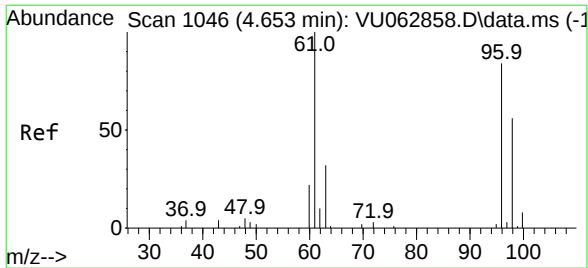
Reviewed By :John Carlone 01/21/2025
Supervised By :Mahesh Dadoda 01/21/2025



#19
1,1-Dichloroethane
Concen: 1.341 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU062877.D
Acq: 17 Jan 2025 17:25

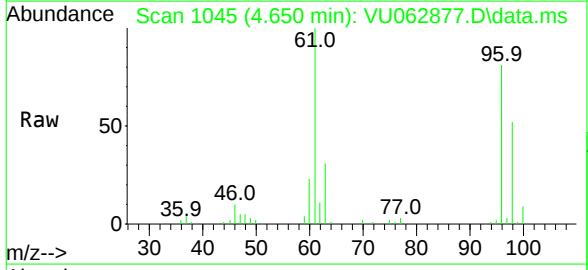
Tgt Ion: 63 Resp: 13379
Ion Ratio Lower Upper
63 100
65 34.0 20.7 38.5
83 17.9 10.5 19.5





#22
 cis-1,2-Dichloroethene
 Concen: 10.360 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062877.D
 Acq: 17 Jan 2025 17:25

Instrument : MSVOA_U
 ClientSampleId : GCQ77DL



Tgt Ion:	96	Resp:	62957
Ion	Ratio	Lower	Upper
96	100		
61	123.2	84.8	157.6
98	64.5	43.1	80.1

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