

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062734.D
 Acq On : 14 Jan 2025 11:20
 Operator : MD/SY
 Sample : Q1058-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Y4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/15/2025
 Supervised By : Mahesh Dadoda 01/15/2025

Quant Time: Jan 15 00:32:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.274	114	92449	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.415	117	83251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38723	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.612	65	17579	3.433	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.930	69	15889	3.858	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.570	65	9716	3.663	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.731	46	50503m	48.260	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.520%
24) Chloroform-d	5.075	84	57437	4.559	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.737	65	32922	4.818	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.756	84	95629	4.699	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.708	67	28267	5.010	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.904	98	88616	4.470	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.184	79	11989	4.263	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.647	63	47495	53.693	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22741	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	31768	4.931	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
5) Vinyl chloride	1.618	62	54330	8.164	ug/L	99
12) 1,1-Dichloroethene	2.583	96	10007	1.744	ug/L #	67
17) Methyl tert-butyl Ether	3.396	73	7113	0.451	ug/L #	86
19) 1,1-Dichloroethane	3.875	63	39859	3.626	ug/L	96
22) cis-1,2-Dichloroethene	4.669	96	31622	4.723	ug/L	96
34) Trichloroethene	6.560	95	13925	1.704	ug/L	94

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

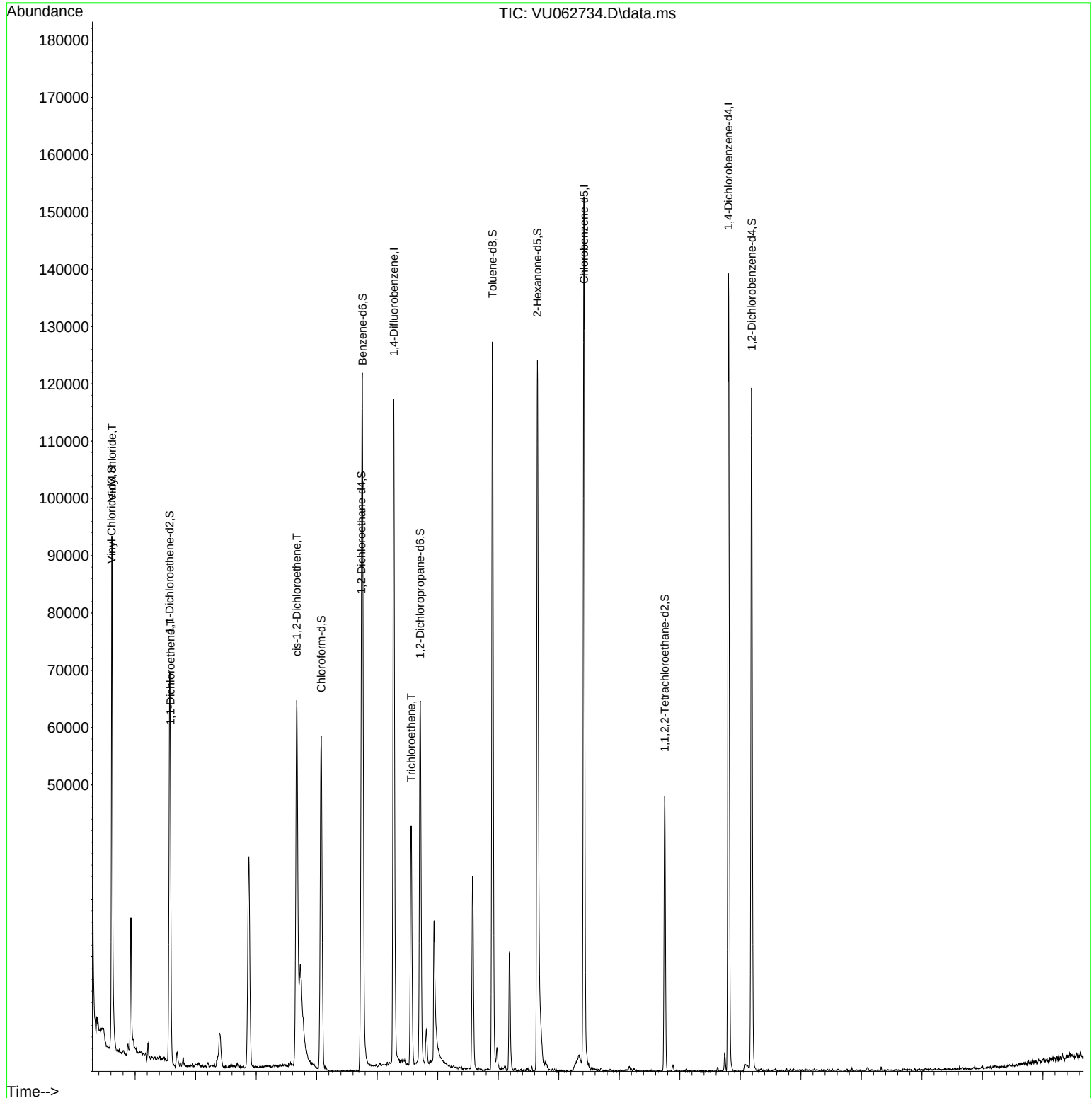
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
Data File : VU062734.D
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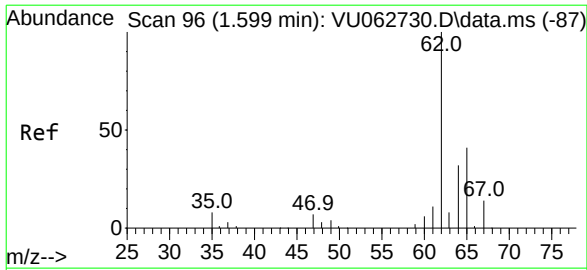
Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Jan 15 00:32:42 2025
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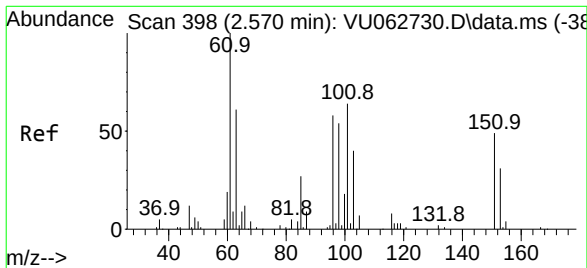
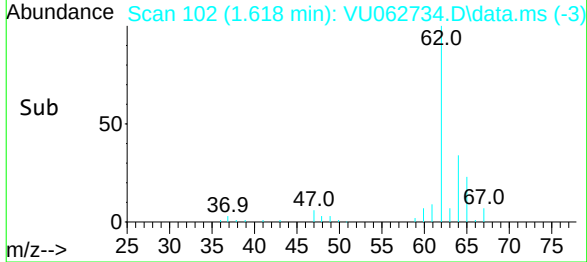
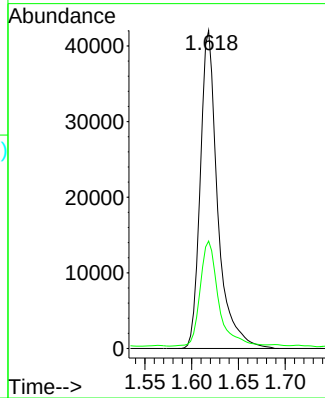
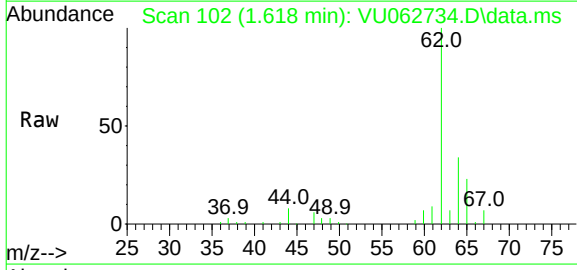
#5
 Vinyl chloride
 Concen: 8.164 ug/L
 RT: 1.618 min Scan# 10
 Delta R.T. 0.019 min
 Lab File: VU062734.D
 Acq: 14 Jan 2025 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Y4

Tgt Ion: 62 Resp: 54336
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.4 43.4

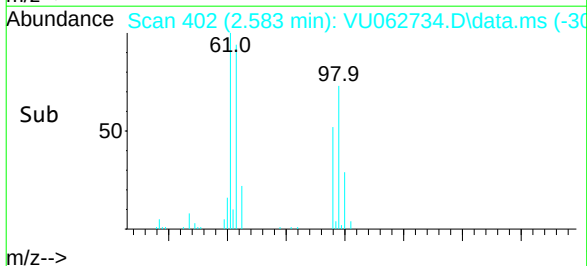
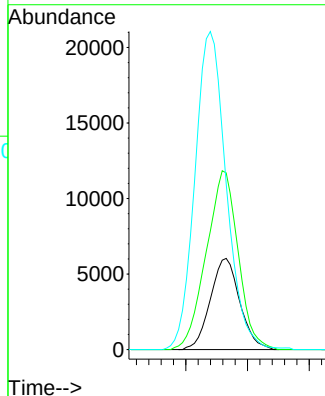
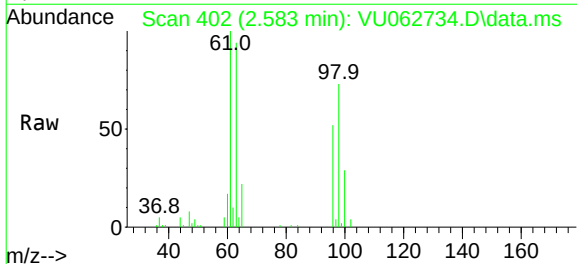
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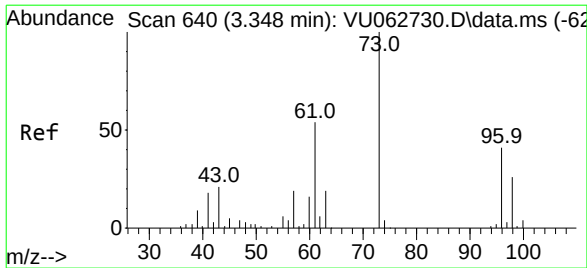
Reviewed By :John Carlone 01/15/2025
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#12
 1,1-Dichloroethene
 Concen: 1.744 ug/L
 RT: 2.583 min Scan# 402
 Delta R.T. 0.013 min
 Lab File: VU062734.D
 Acq: 14 Jan 2025 11:20

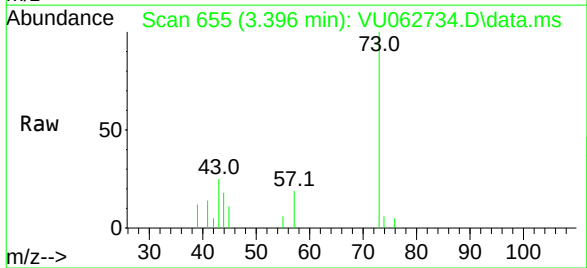
Tgt Ion: 96 Resp: 10007
 Ion Ratio Lower Upper
 96 100
 61 193.8 120.4 223.6
 63 181.9 82.3 152.9#





#17
Methyl tert-butyl Ether
Concen: 0.451 ug/L
RT: 3.396 min Scan# 65
Delta R.T. 0.048 min
Lab File: VU062734.D
Acq: 14 Jan 2025 11:20

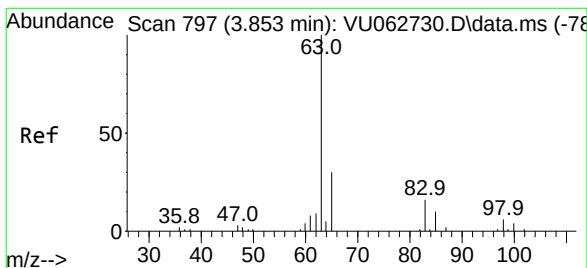
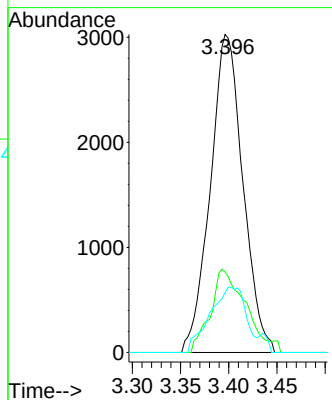
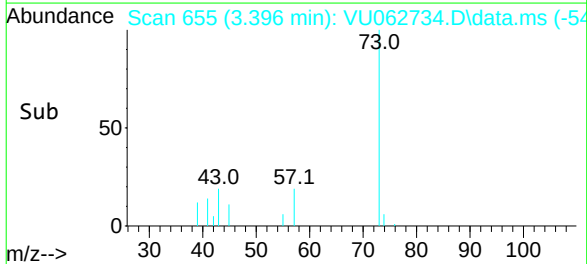
Instrument :
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Tgt Ion	Ratio	Lower	Upper
73	100		
43	28.5	16.2	24.4
57	22.6	14.6	22.0

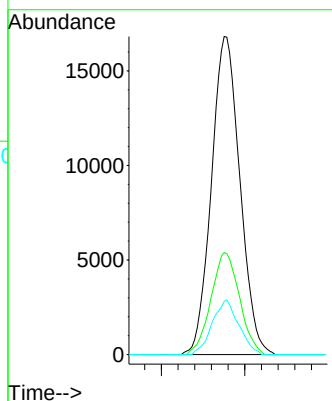
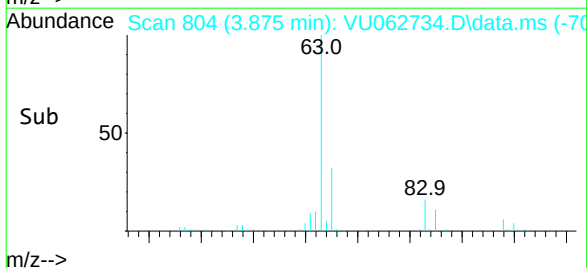
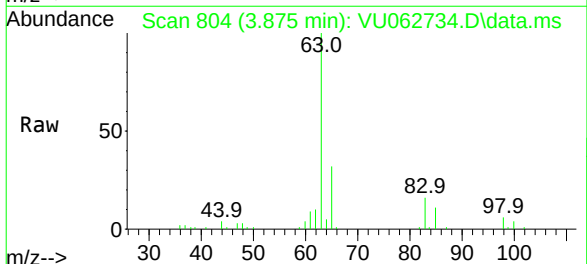
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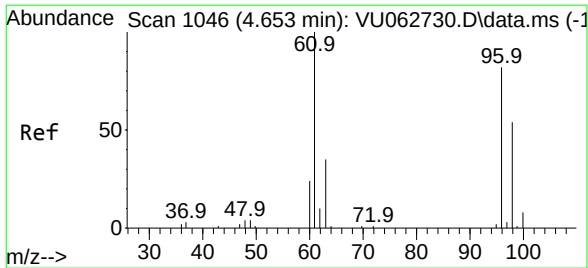
Reviewed By :John Carlone 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025



#19
1,1-Dichloroethane
Concen: 3.626 ug/L
RT: 3.875 min Scan# 804
Delta R.T. 0.022 min
Lab File: VU062734.D
Acq: 14 Jan 2025 11:20

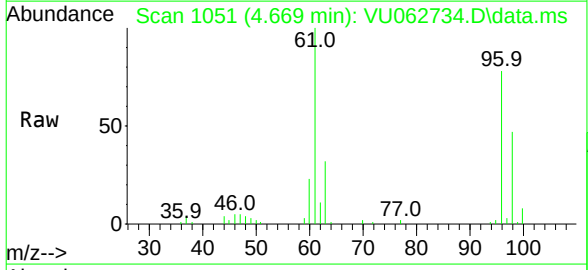
Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.1	20.7	38.5
83	16.7	10.5	19.5





#22
 cis-1,2-Dichloroethene
 Concen: 4.723 ug/L
 RT: 4.669 min Scan# 1051
 Delta R.T. 0.016 min
 Lab File: VU062734.D
 Acq: 14 Jan 2025 11:20

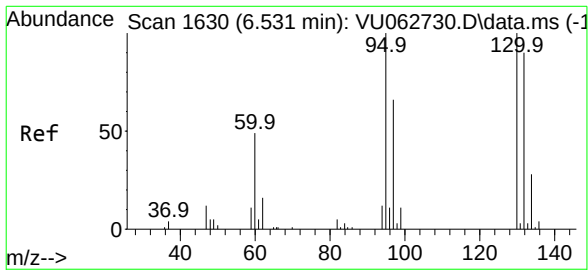
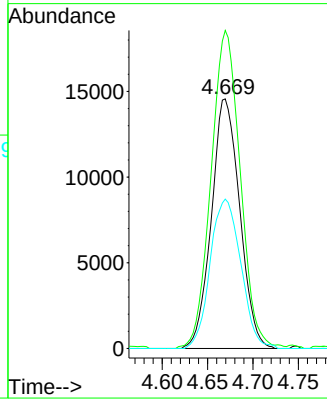
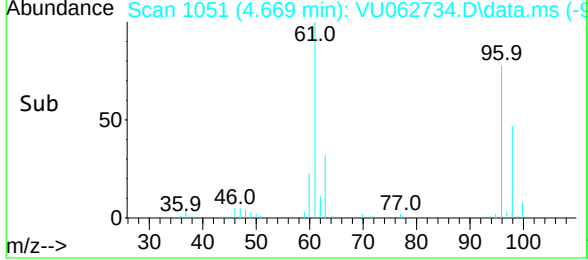
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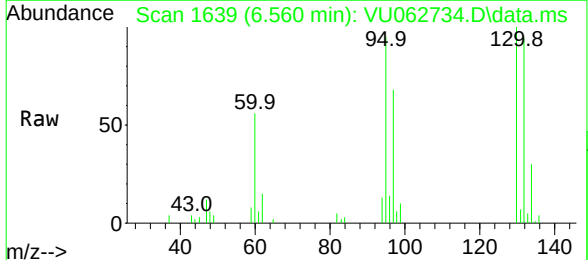
Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.4	84.8	157.6
98	59.9	43.1	80.1

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 Supervised By :Mahesh Dadoda 01/15/2025



#34
 Trichloroethene
 Concen: 1.704 ug/L
 RT: 6.560 min Scan# 1639
 Delta R.T. 0.029 min
 Lab File: VU062734.D
 Acq: 14 Jan 2025 11:20



Tgt Ion	Ratio	Lower	Upper
95	100		
97	71.6	47.5	88.3
132	99.3	66.9	124.3
130	105.8	68.6	127.4

