Quantitation Report (Qedit)

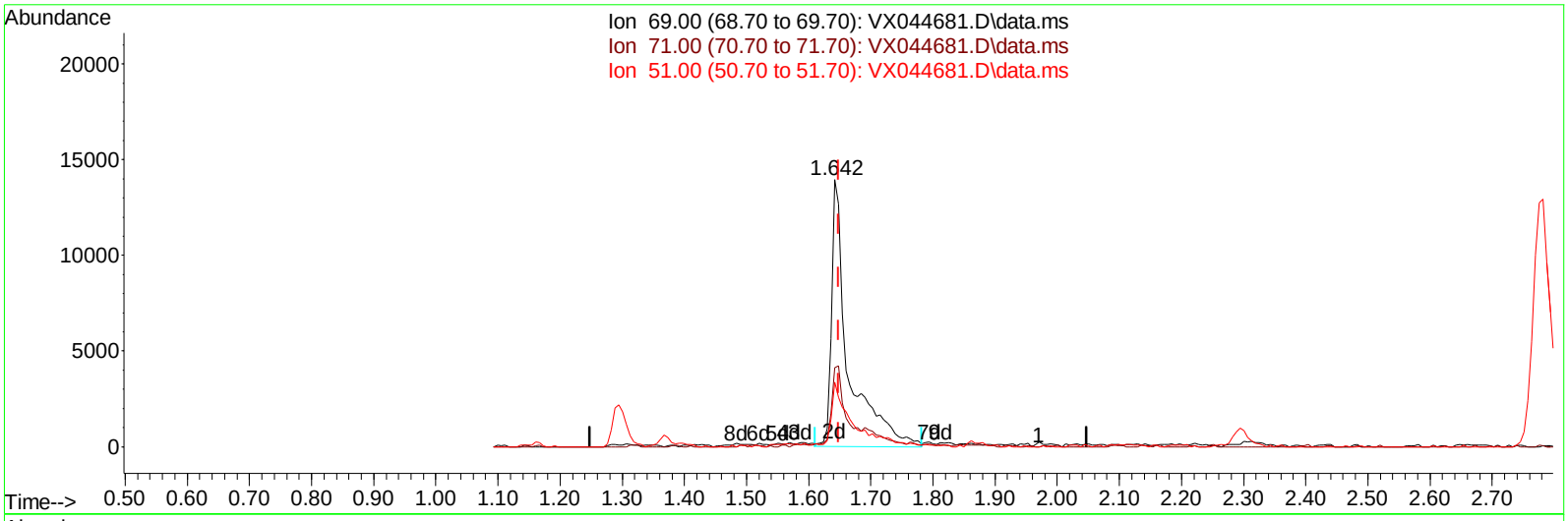
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012125\
Data File : VX044681.D
Acq On : 21 Jan 2025 15:05
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

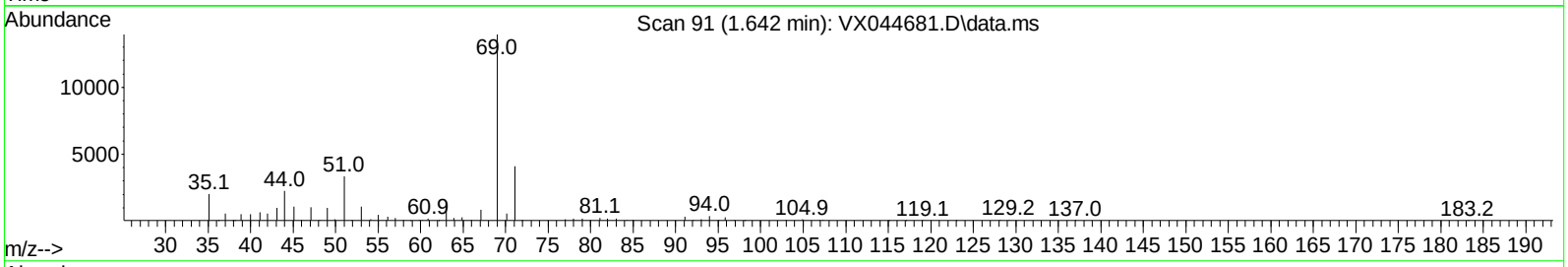
Quant Time: Jan 22 01:26:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM012125WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 22 01:17:07 2025
Response via : Initial Calibration

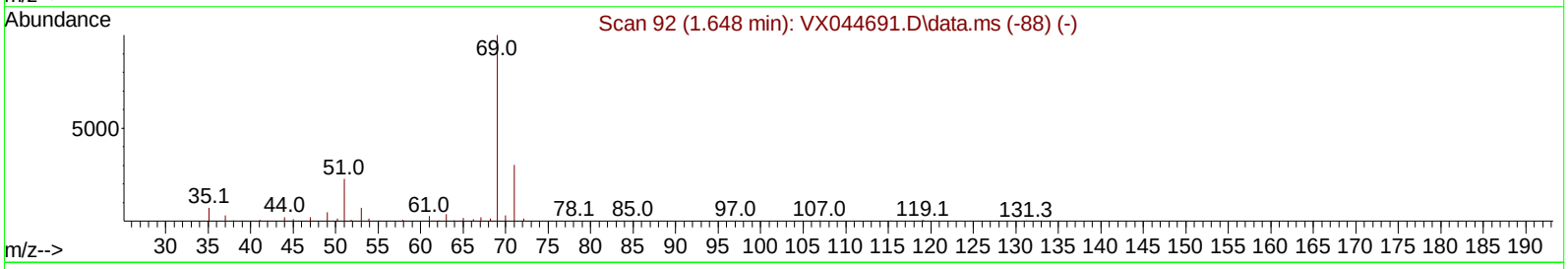
Instrument :
MSVOA_X
ClientSampleId :
VICV660

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
Supervised By :Semsettin Yesilyurt 01/22/2025







TIC: VX044681.D\data.ms

(7) Chloroethane-d5 (S)

1.642min (-0.006) 41.88 ug/L m

response 26661

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	24.30	0.16#
51.00	12.50	0.07#
0.00	0.00	0.00

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ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 23 05:41:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM012125WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 23 00:51:10 2025
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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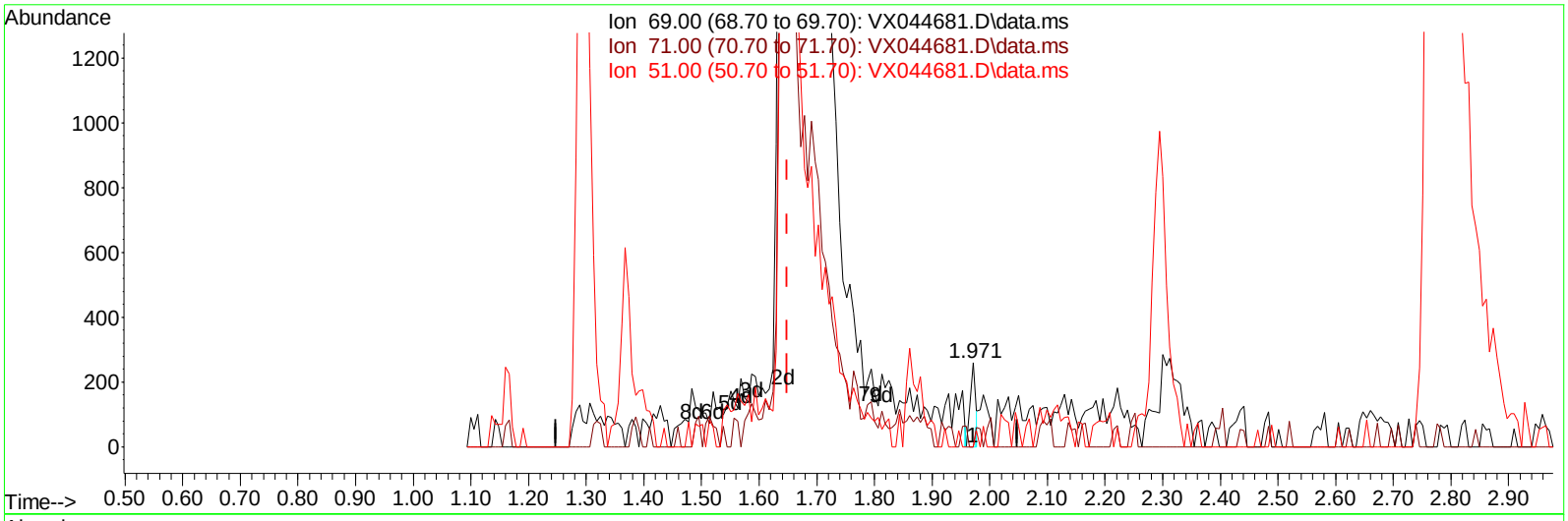

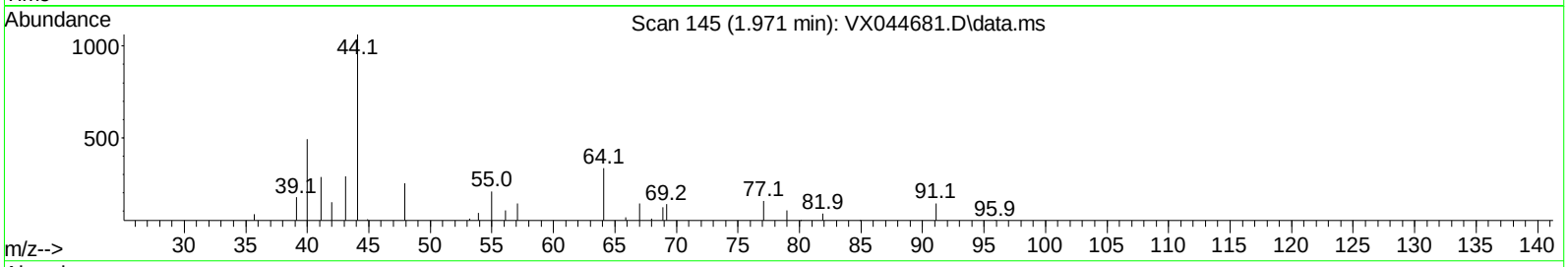

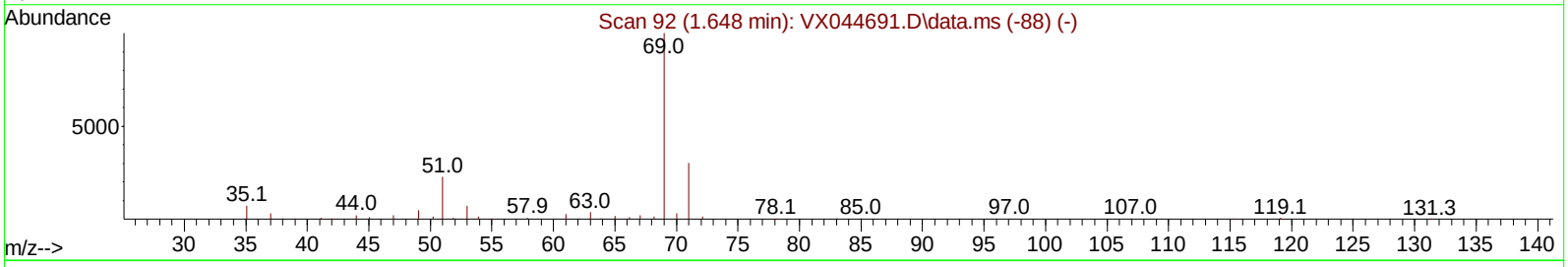

TIC: VX044681.D\data.ms

(7) Chloroethane-d5 (S)

1.971min (+ 0.323) 0.28 ug/L

response 177

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	24.30	23.73
51.00	12.50	10.17
0.00	0.00	0.00

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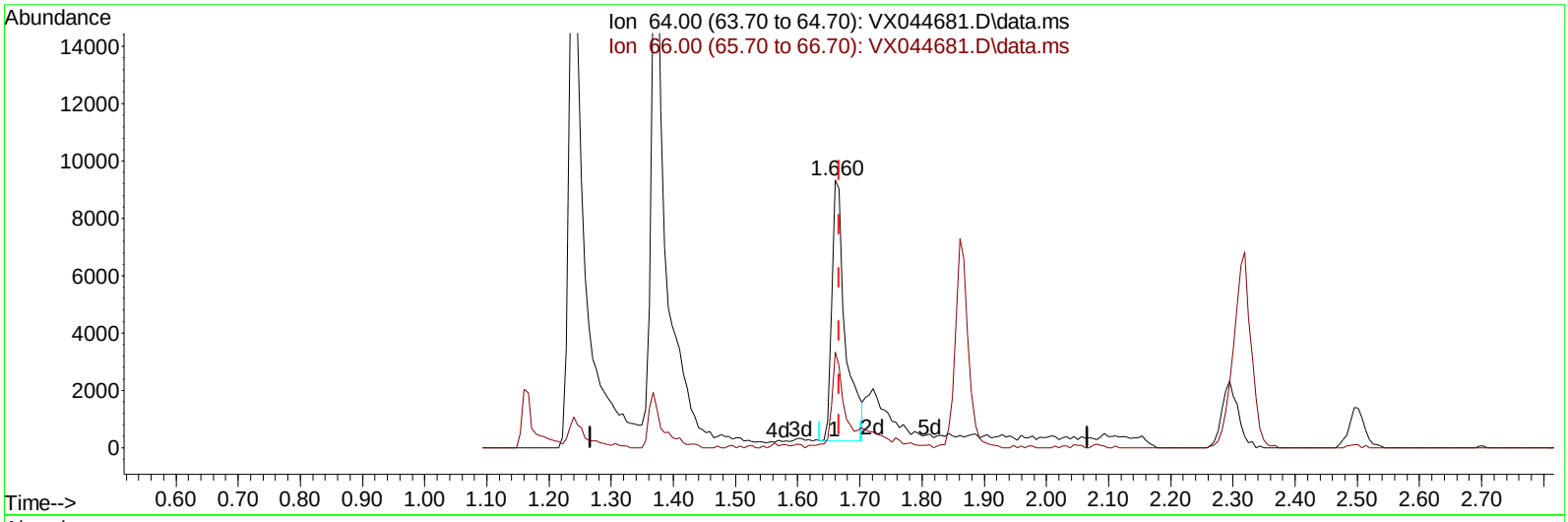

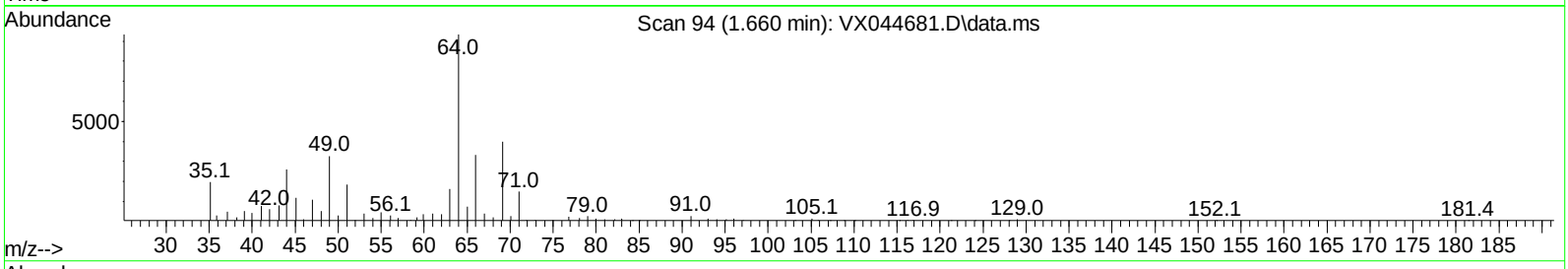

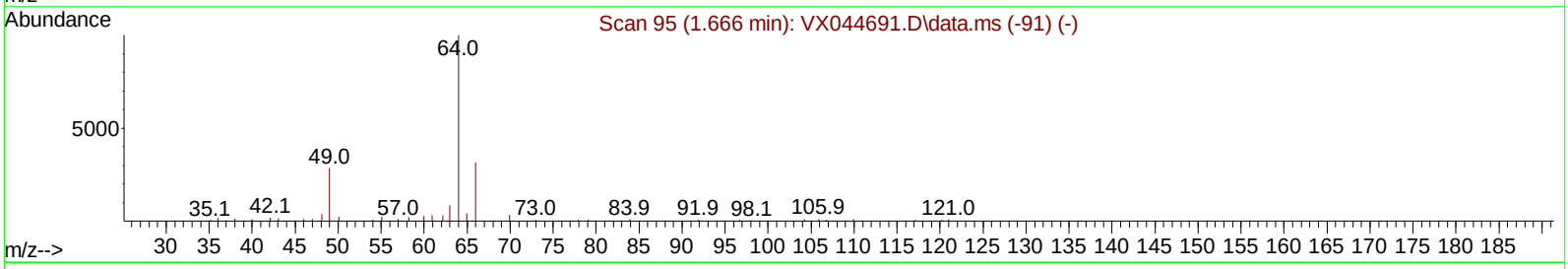

TIC: VX044681.D\data.ms

(8) Chloroethane (T)

1.660min (-0.006) 33.22 ug/L

response 13857

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	30.60	35.65
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Title : VOC Analysis
QLast Update : Wed Jan 22 01:17:07 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VICV660

Manual IntegrationsAPPROVED

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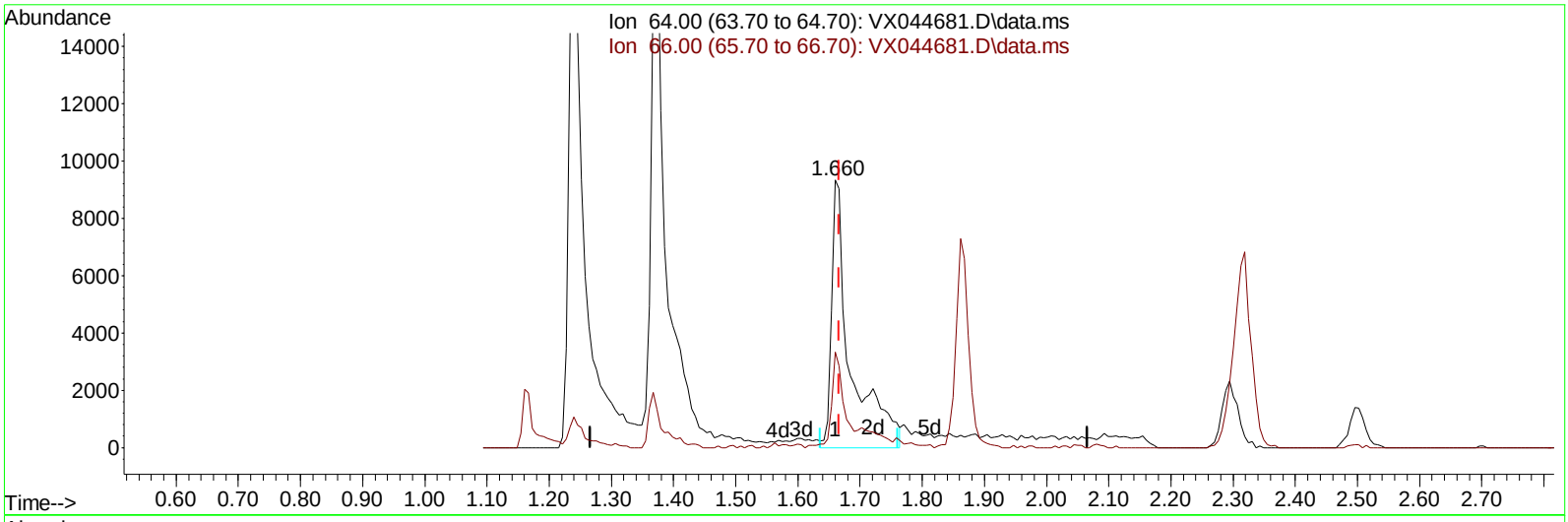

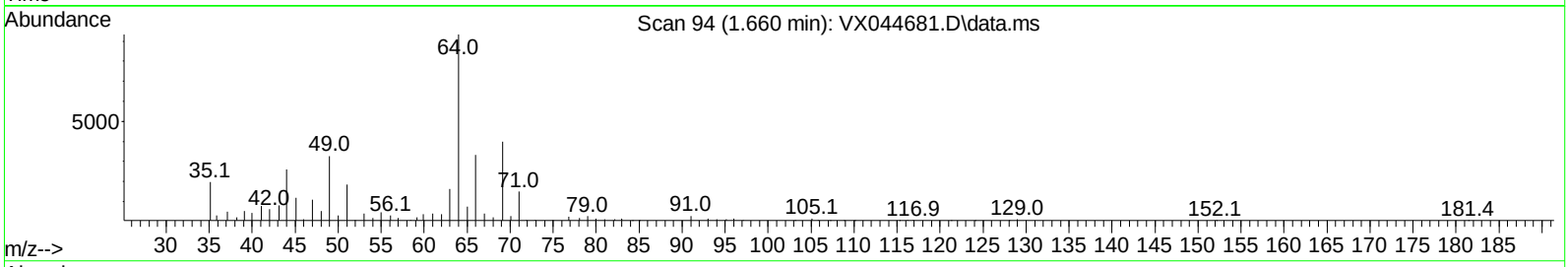

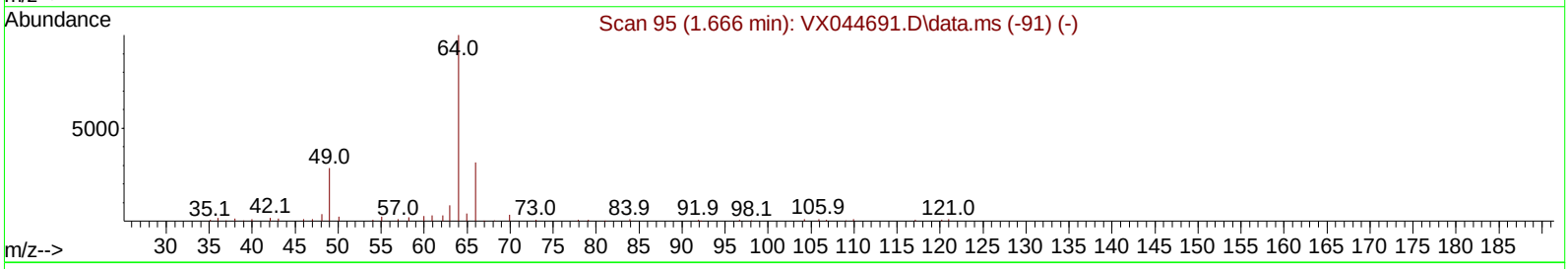

TIC: VX044681.D\data.ms

(8) Chloroethane (T)

1.660min (-0.006) 47.47 ug/L m

response 19798

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	30.60	35.65
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	286342	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	246359	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	103875	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	105072	42.519	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.040%		
7) Chloroethane-d5	1.642	69	26661m	41.878	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.760%		
11) 1,1-Dichloroethene-d2	2.294	65	41579	44.565	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.140%		
21) 2-Butanone-d5	4.452	46	113316	91.474	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.470%		
24) Chloroform-d	5.044	84	175158	42.884	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.760%		
26) 1,2-Dichloroethane-d4	5.940	65	108712	40.355	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.700%		
32) Benzene-d6	5.958	84	350648	42.648	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.300%		
36) 1,2-Dichloropropane-d6	7.299	67	112413	43.257	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.520%		
41) Toluene-d8	8.641	98	313482	42.650	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.300%		
43) trans-1,3-Dichloroprop...	8.945	79	56349	42.309	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.620%		
47) 2-Hexanone-d5	9.384	63	68855	92.225	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.220%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	137118	43.771	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.540%		
66) 1,2-Dichlorobenzene-d4	12.317	152	96230	43.109	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.220%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.160	85	70450	42.095	ug/L	99
3) Chloromethane	1.294	50	83147	41.050	ug/L	98
5) Vinyl chloride	1.374	62	85016	41.883	ug/L	99
6) Bromomethane	1.593	94	19228	40.254	ug/L	98
8) Chloroethane	1.660	64	19798m	47.467	ug/L	
9) Trichlorofluoromethane	1.861	101	76438	41.620	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	71677	46.539	ug/L	99
12) 1,1-Dichloroethene	2.306	96	66094	46.135	ug/L	86
13) Acetone	2.380	43	79001	106.451	ug/L	98
14) Carbon disulfide	2.502	76	190709	42.406	ug/L	100
15) Methyl Acetate	2.697	43	81264	45.687	ug/L	99
16) Methylene chloride	2.782	84	76287	43.035	ug/L	97
17) trans-1,2-Dichloroethene	3.081	96	68833	42.890	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	247463	42.849	ug/L	99
19) 1,1-Dichloroethane	3.599	63	135619	42.713	ug/L	99
20) cis-1,2-Dichloroethene	4.471	96	82778	42.704	ug/L	98
22) 2-Butanone	4.556	43	112513	96.886	ug/L	100
23) Bromochloromethane	4.885	128	40828	42.983	ug/L	94

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VICV660

Manual IntegrationsAPPROVED

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Supervised By :Semsettin Yesilyurt 01/22/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	5.080	83	137726	42.331 ug/L	98
27) 1,2-Dichloroethane	6.074	62	109367	43.549 ug/L	98
29) Cyclohexane	5.452	56	131440	44.525 ug/L	99
30) 1,1,1-Trichloroethane	5.367	97	119803	42.892 ug/L	100
31) Carbon tetrachloride	5.660	117	102449	42.695 ug/L	99
33) Benzene	6.025	78	301237	43.532 ug/L	100
34) Trichloroethene	7.117	95	76734	42.601 ug/L	98
35) Methylcyclohexane	7.367	83	130120	43.895 ug/L	97
37) 1,2-Dichloropropane	7.421	63	81940	43.817 ug/L	99
38) Bromodichloromethane	7.812	83	108116	42.694 ug/L	100
39) cis-1,3-Dichloropropene	8.360	75	137405	42.728 ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	211505	94.305 ug/L	99
42) Toluene	8.714	91	314824	43.917 ug/L	99
44) trans-1,3-Dichloropropene	8.970	75	125925	43.280 ug/L	97
45) 1,1,2-Trichloroethane	9.147	97	76968	42.275 ug/L	99
46) Tetrachloroethene	9.269	164	54379	44.071 ug/L	98
48) 2-Hexanone	9.433	43	153437	92.952 ug/L	98
49) Dibromochloromethane	9.512	129	79982	42.423 ug/L	99
50) 1,2-Dibromoethane	9.604	107	80444	43.359 ug/L	100
51) Chlorobenzene	10.073	112	192422	43.501 ug/L	100
52) Ethylbenzene	10.189	91	337835	43.706 ug/L	100
53) m,p-Xylene	10.299	106	127711	44.171 ug/L	97
54) o-Xylene	10.640	106	126336	44.015 ug/L	99
55) Styrene	10.653	104	206706	44.471 ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	118769	44.925 ug/L	97
59) Bromoform	10.799	173	55674	42.375 ug/L	99
60) Isopropylbenzene	10.957	105	321272	43.511 ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	90102	44.192 ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	266912	43.540 ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	264356	44.333 ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	128676	43.410 ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	129191	43.444 ug/L	99
67) 1,2-Dichlorobenzene	12.329	146	130643	43.945 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	26211	44.715 ug/L	92
69) 1,3,5-Trichlorobenzene	13.109	180	84594	43.809 ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	77353	44.482 ug/L	98
71) Naphthalene	13.774	128	304408	45.694 ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	79201	44.352 ug/L	97

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

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