Quantitation Report (Qedit)

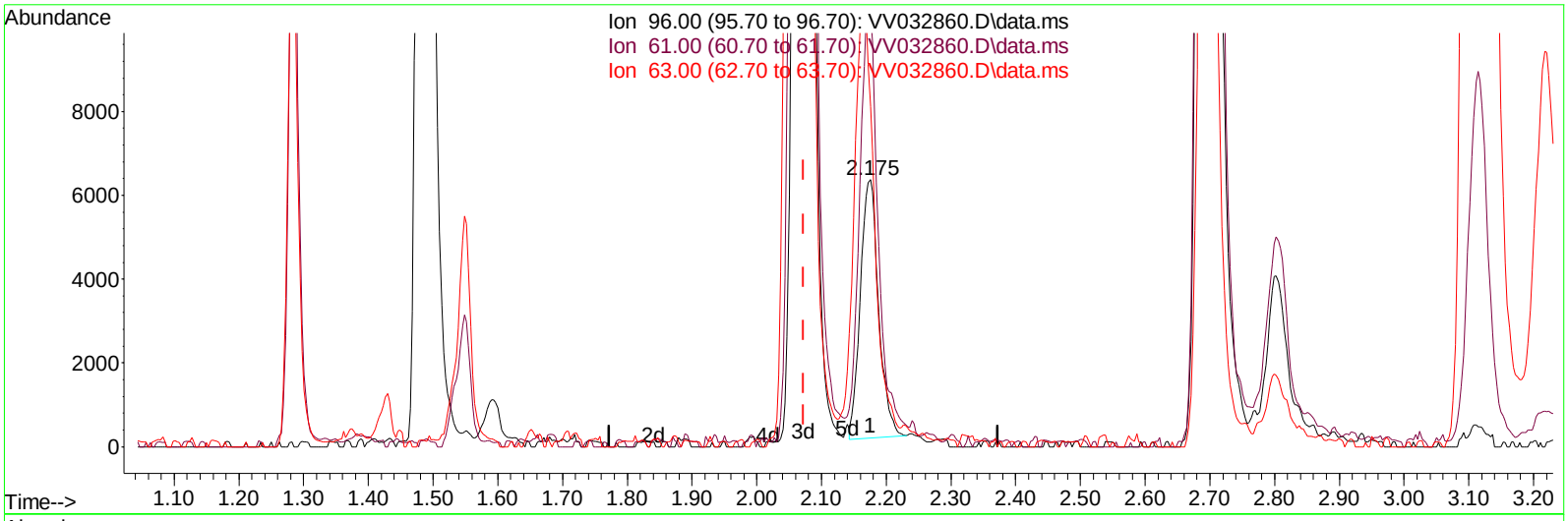
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110723\
Data File : VV032860.D
Acq On : 07 Nov 2023 09:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

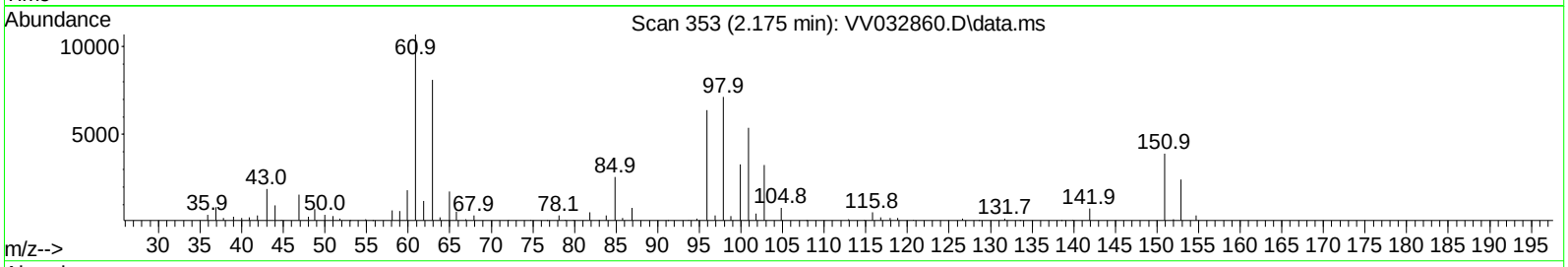
Quant Time: Nov 08 01:31:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 07 01:35:20 2023
Response via : Initial Calibration

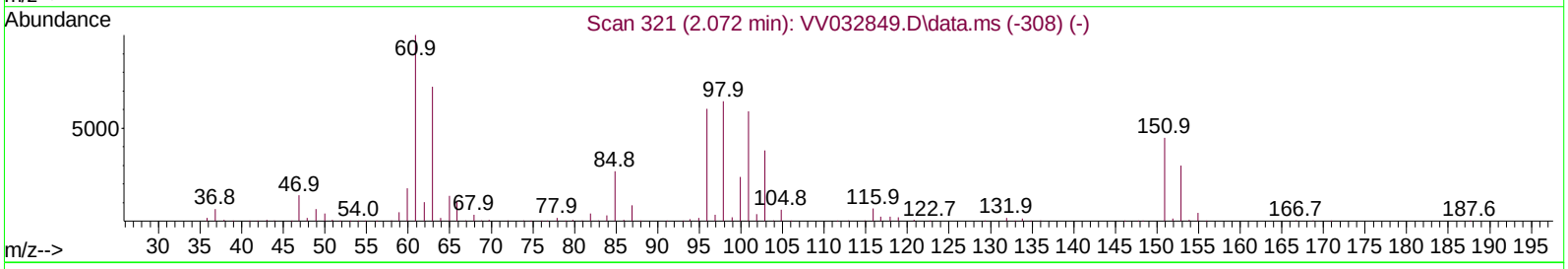
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 11/08/2023
Supervised By :Semsettin Yesilyurt 11/08/2023







TIC: VV032860.D\data.ms

(12) 1,1-Dichloroethene (T)

2.175min (+ 0.103) 4.54 ug/L

response 12049

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	177.40	167.72
63.00	159.70	127.44
0.00	0.00	0.00

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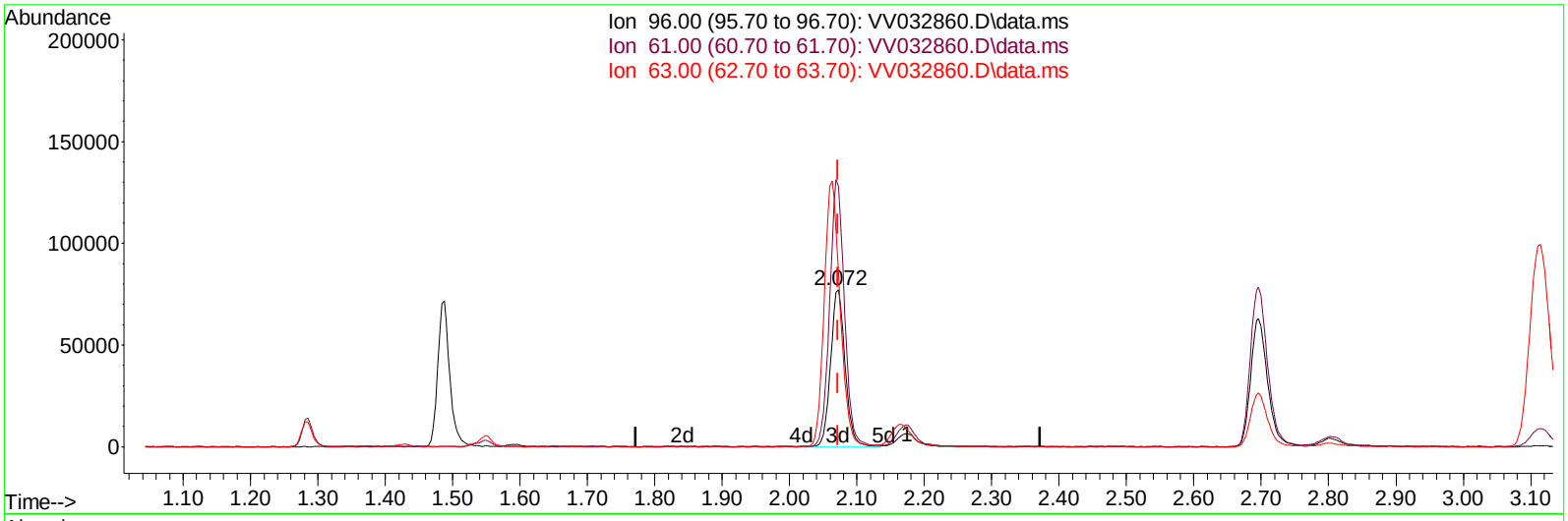

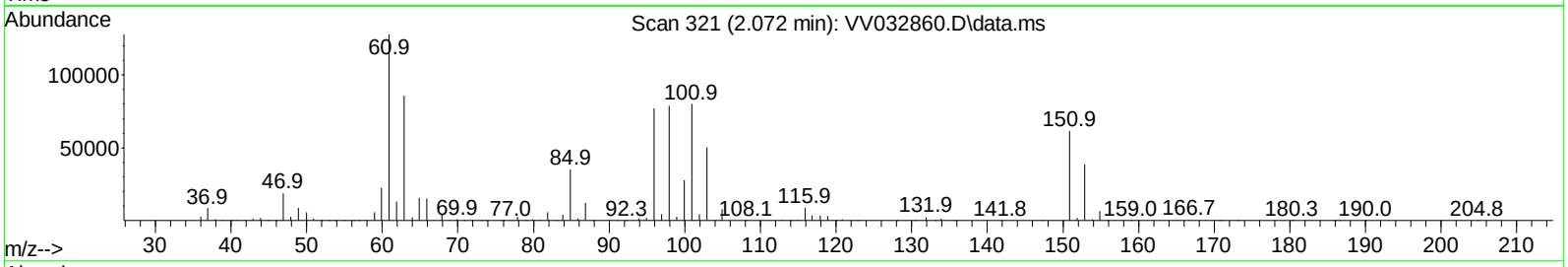

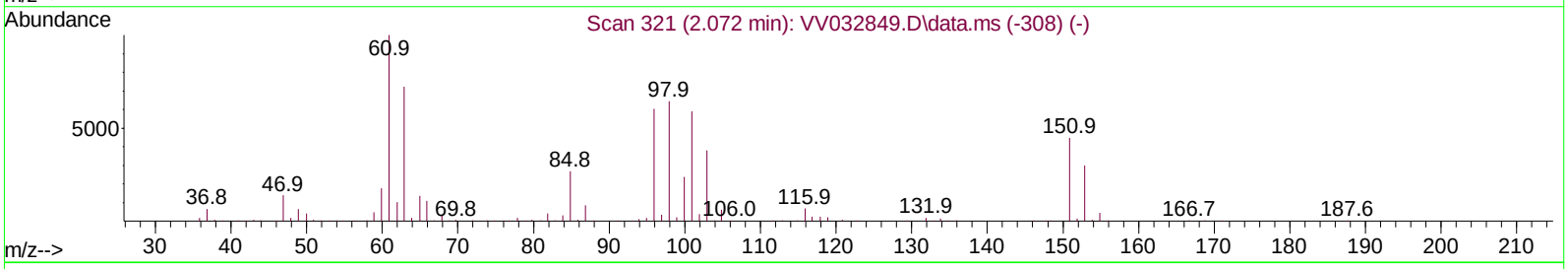

TIC: VV032860.D\data.ms

(12) 1,1-Dichloroethene (T)

2.072min (+ 0.000) 43.44 ug/L m

response 115352

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	177.40	165.77
63.00	159.70	111.22#
0.00	0.00	0.00

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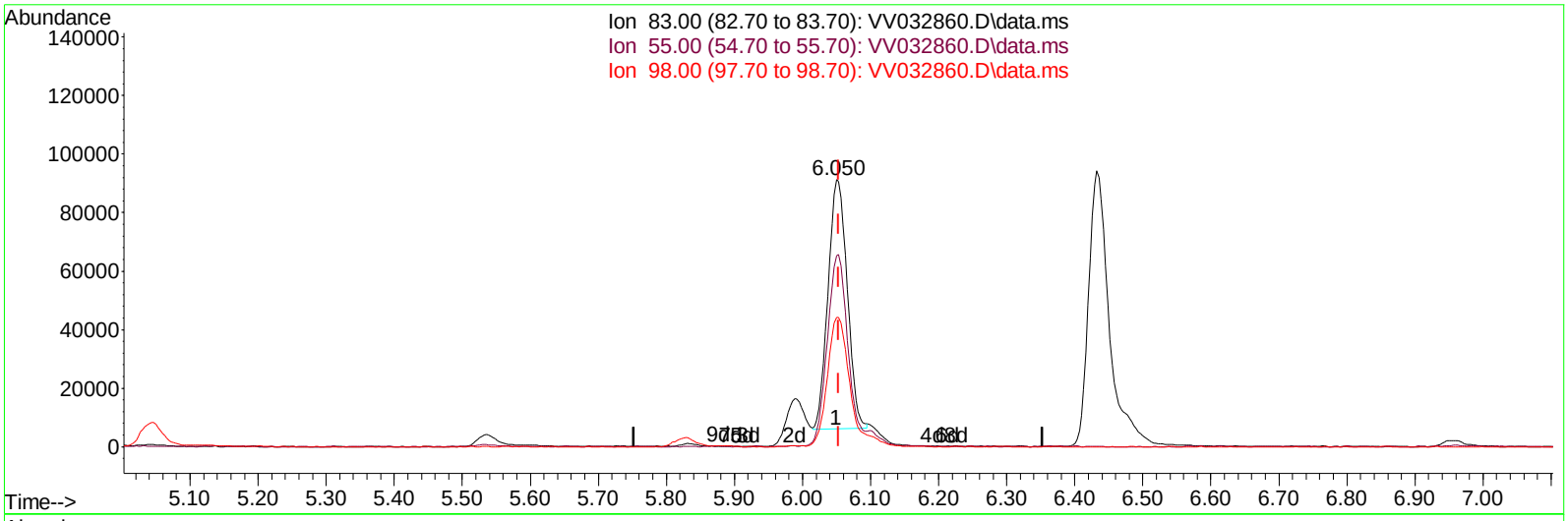

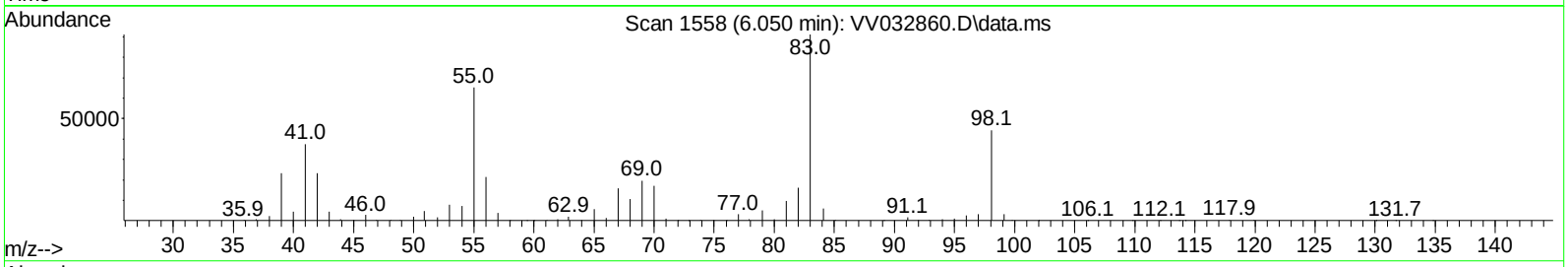

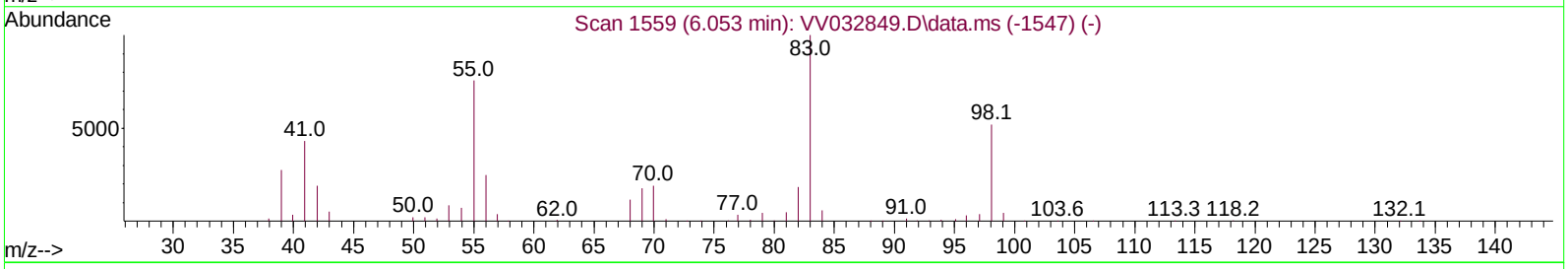

TIC: VV032860.D\data.ms

(35) Methylcyclohexane (T)

6.050min (-0.003) 35.88 ug/L

response 165543

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	72.30	83.38
98.00	49.30	61.61#
0.00	0.00	0.00

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Instrument :
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LabSampleId :
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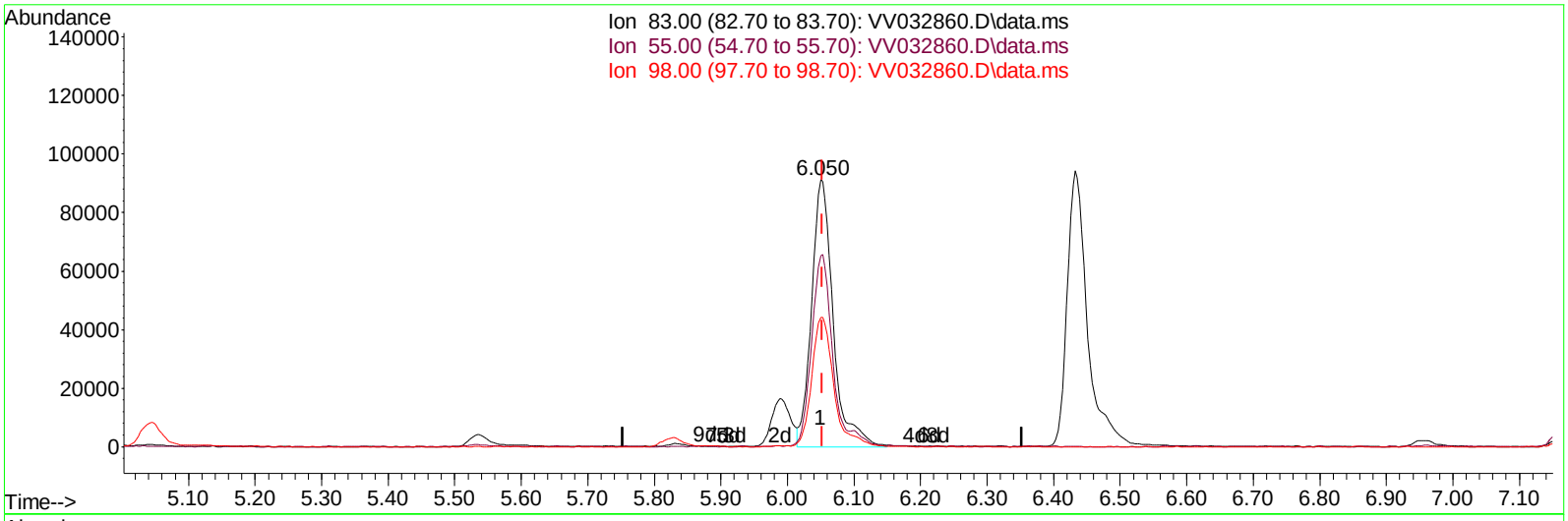

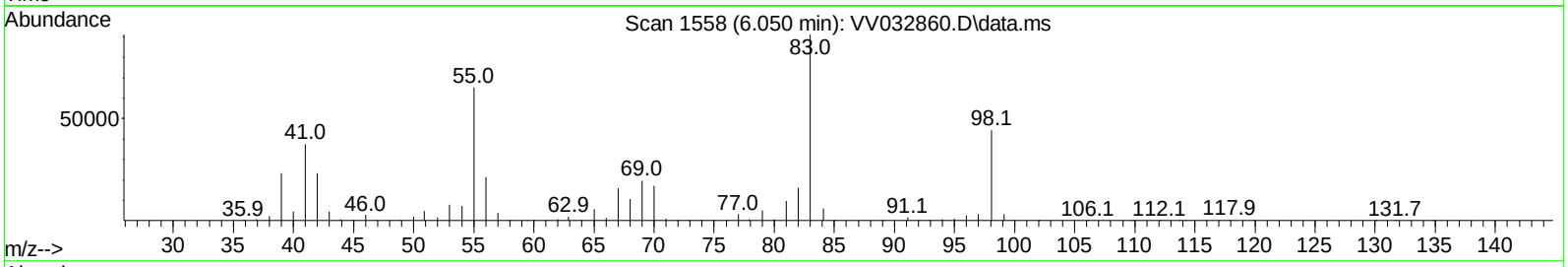

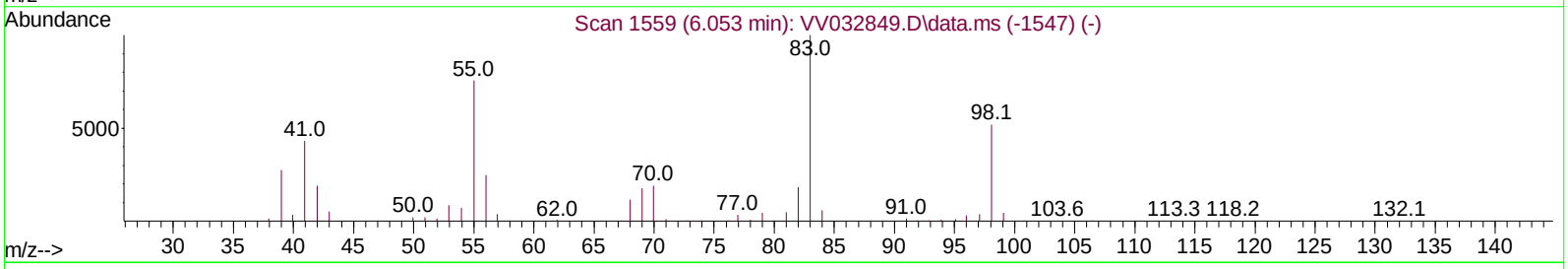

TIC: VV032860.D\data.ms

(35) Methylcyclohexane (T)

6.050min (-0.003) 44.49 ug/L m

response 205272

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	72.30	67.25
98.00	49.30	49.69
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 11/08/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	355039	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	399505	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	227510	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	111845	33.121	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.240%			
7) Chloroethane-d5	1.532	69	104957	37.163	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 74.320%			
11) 1,1-Dichloroethene-d2	2.060	65	49489	35.481	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.960%			
21) 2-Butanone-d5	3.786	46	131182	89.560	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.560%			
24) Chloroform-d	4.249	84	236318	43.843	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.680%			
26) 1,2-Dichloroethane-d4	4.944	65	148066	44.199	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.400%			
32) Benzene-d6	4.963	84	426850	41.555	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.120%			
36) 1,2-Dichloropropane-d6	5.989	67	131660	42.190	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.380%			
41) Toluene-d8	7.243	98	430756	42.589	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.180%			
43) trans-1,3-Dichloroprop...	7.551	79	71465	43.971	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.940%			
47) 2-Hexanone-d5	8.027	63	100159	87.915	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.920%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	217285	45.884	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.760%			
66) 1,2-Dichlorobenzene-d4	11.561	152	187380	42.739	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	127709	40.880	ug/L	100
3) Chloromethane	1.217	50	121034	40.047	ug/L	100
5) Vinyl chloride	1.285	62	132819	41.214	ug/L	100
6) Bromomethane	1.487	94	95019	42.256	ug/L	97
8) Chloroethane	1.548	64	92795	42.772	ug/L	100
9) Trichlorofluoromethane	1.716	101	222975	43.416	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	138386	44.534	ug/L	99
12) 1,1-Dichloroethene	2.072	96	115352m	43.440	ug/L	
13) Acetone	2.111	43	162936	66.458	ug/L	99
14) Carbon disulfide	2.243	76	266534	42.047	ug/L	99
15) Methyl Acetate	2.372	43	110486	44.446	ug/L	99
16) Methylene chloride	2.449	84	131772	37.411	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	110701	43.677	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	353499	47.228	ug/L	99
19) 1,1-Dichloroethane	3.114	63	214952	44.503	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	126686	45.259	ug/L	100
22) 2-Butanone	3.867	43	158915	76.431	ug/L	98
23) Bromochloromethane	4.150	128	72284	46.267	ug/L	98

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Manual IntegrationsAPPROVED

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Supervised By :Semsettin Yesilyurt 11/08/2023

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	4.275	83	252182	45.809 ug/L	97
27) 1,2-Dichloroethane	5.040	62	185137	46.665 ug/L	99
29) Cyclohexane	4.584	56	149221	41.560 ug/L #	94
30) 1,1,1-Trichloroethane	4.513	97	213439	44.593 ug/L	99
31) Carbon tetrachloride	4.738	117	184265	43.566 ug/L	98
33) Benzene	5.011	78	486040	45.881 ug/L	100
34) Trichloroethene	5.834	95	130237	44.164 ug/L	99
35) Methylcyclohexane	6.050	83	205272m	44.486 ug/L	
37) 1,2-Dichloropropane	6.095	63	139164	49.489 ug/L	98
38) Bromodichloromethane	6.432	83	199179	45.150 ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	210477	49.893 ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	312865	93.882 ug/L	99
42) Toluene	7.317	91	576212	47.763 ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	206168	47.580 ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	151687	47.029 ug/L	99
46) Tetrachloroethene	7.905	164	116824	43.906 ug/L	98
48) 2-Hexanone	8.075	43	252753	84.531 ug/L	99
49) Dibromochloromethane	8.178	129	157302	46.648 ug/L	99
50) 1,2-Dibromoethane	8.281	107	154441	47.000 ug/L	98
51) Chlorobenzene	8.815	112	388878	45.532 ug/L	99
52) Ethylbenzene	8.947	91	629163	47.278 ug/L	100
53) m,p-Xylene	9.075	106	245820	48.535 ug/L	98
54) o-Xylene	9.481	106	235332	47.962 ug/L	99
55) Styrene	9.497	104	436688	51.069 ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	216895	44.899 ug/L	99
59) Bromoform	9.667	173	114857	45.027 ug/L	99
60) Isopropylbenzene	9.870	105	645384	46.776 ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	164820	43.372 ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	519082	47.810 ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	505456	48.668 ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	333940	46.459 ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	347746	45.852 ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	335713	45.750 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	42120	42.588 ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	239534	46.162 ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	205939	45.891 ug/L	99
71) Naphthalene	13.442	128	539373	48.131 ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	219051	48.890 ug/L	99

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

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