Quantitation Report (Qedit)

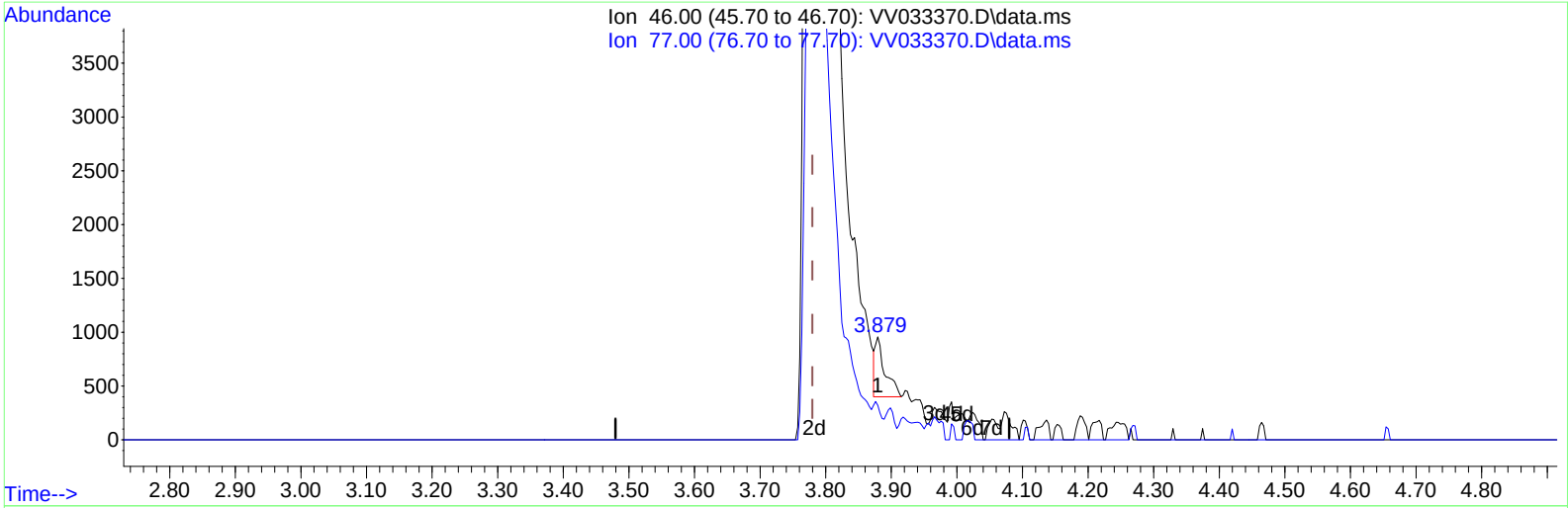
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121423\
Data File : VV033370.D
Acq On : 15 Dec 2023 05:06
Operator : SY/MD
Sample : 05802-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

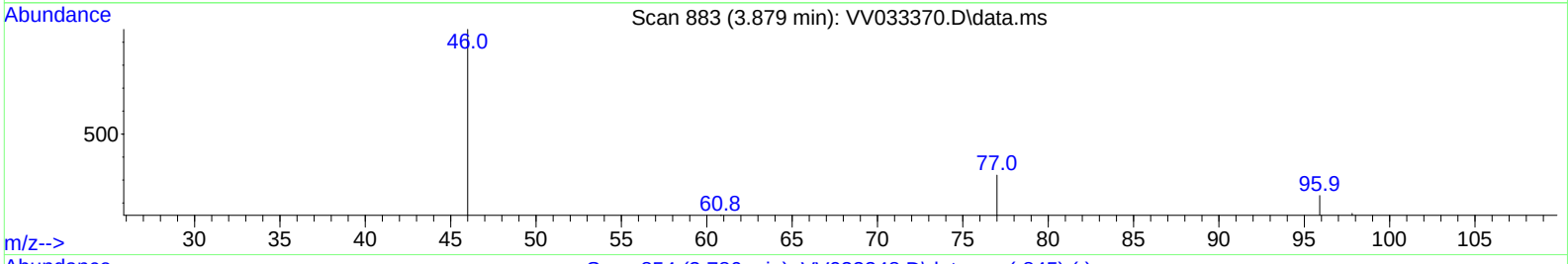
Quant Time: Dec 15 06:14:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration

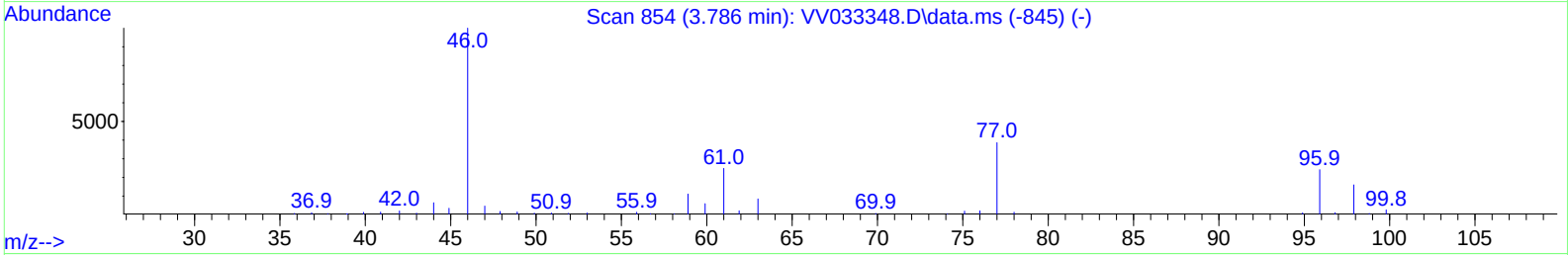
Instrument :
MSVOA_V
ClientSampleId :
F7B46

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/16/2023







TIC: VV033370.D\data.ms

(21) 2-Butanone-d5 (S)

3.879min (+ 0.100) 1.08 ug/L

response 574

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	29.40	32.93
0.00	0.00	0.00
0.00	0.00	0.00

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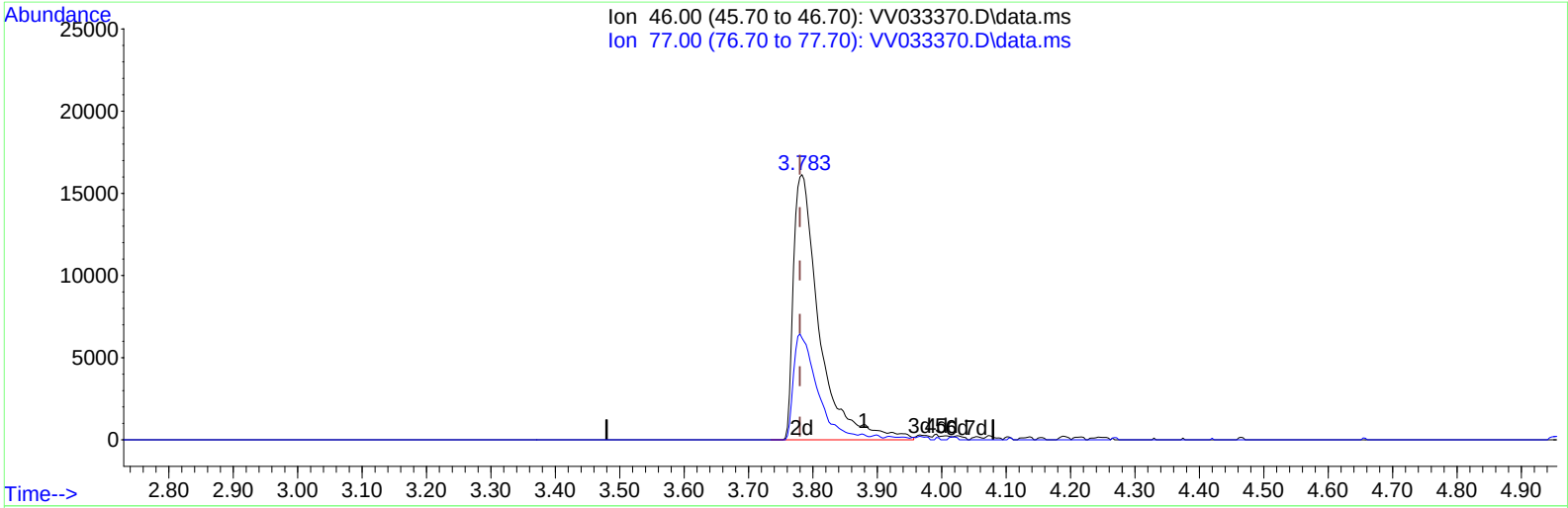

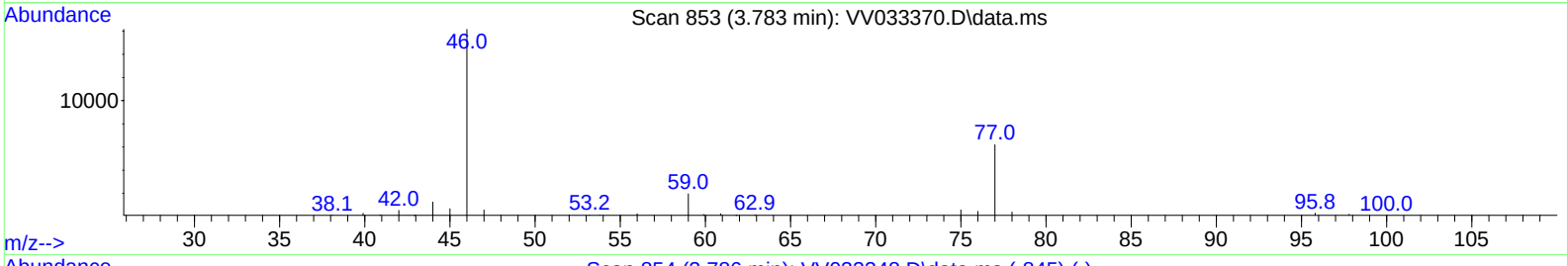

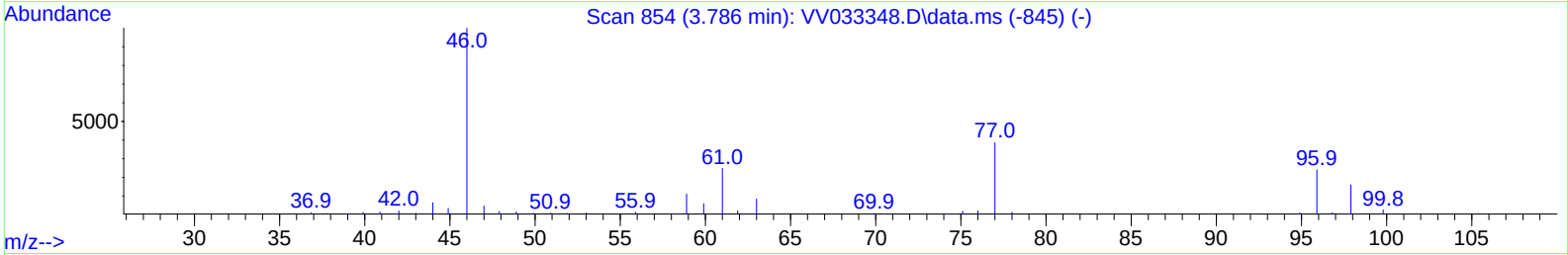

TIC: VV033370.D\data.ms

(21) 2-Butanone-d5 (S)

3.783min (+ 0.003) 84.82 ug/L m

response 44993

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	29.40	0.42#
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 : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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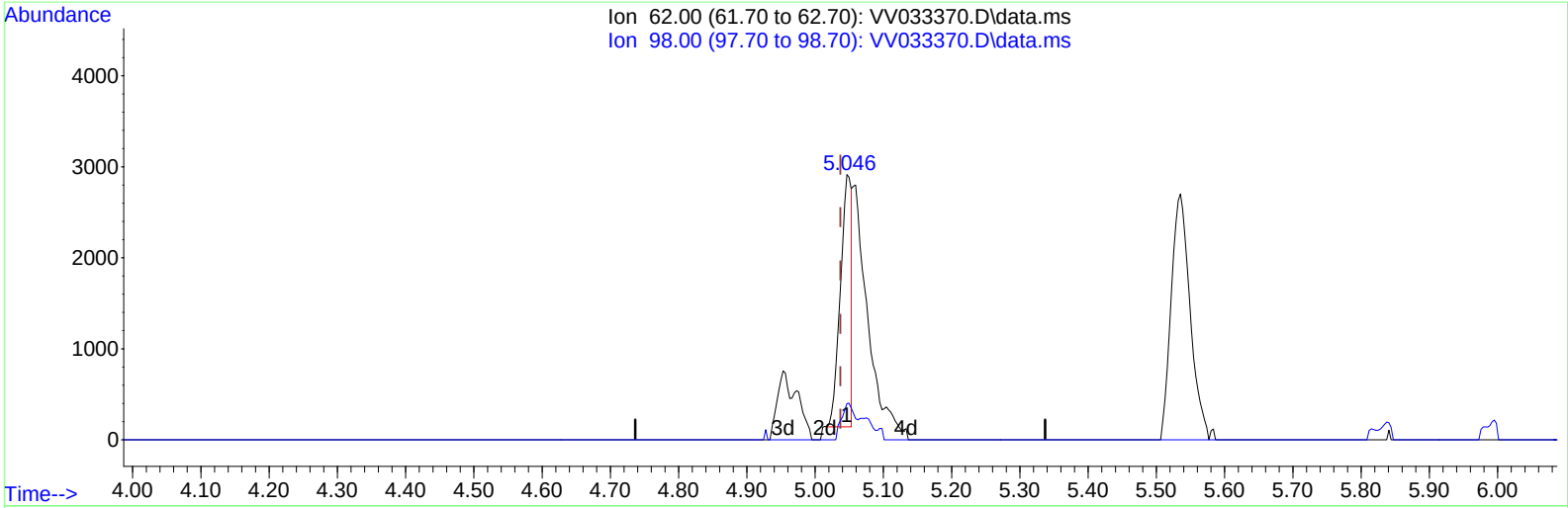

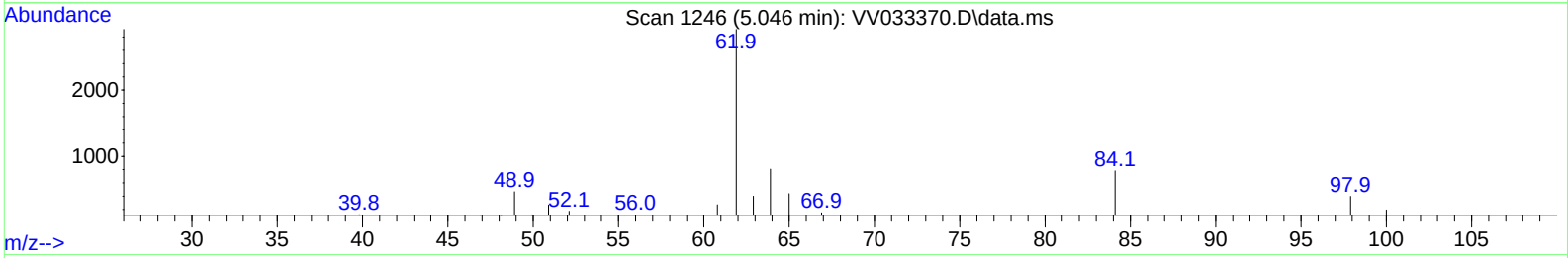

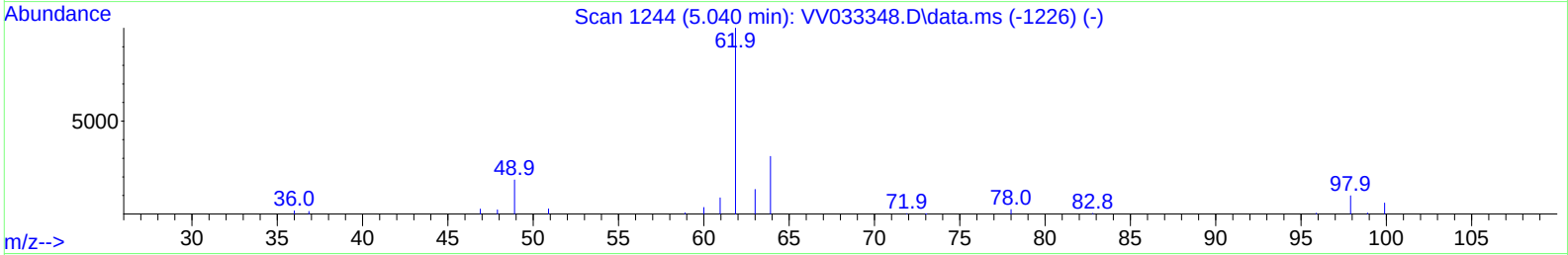

TIC: VV033370.D\data.ms

(27) 1,2-Dichloroethane (T)

5.046min (+ 0.010) 1.77 ug/L

response 3137

Ion	Exp%	Act%
62.00	100.00	100.00
98.00	9.80	13.65#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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Manual IntegrationsAPPROVED

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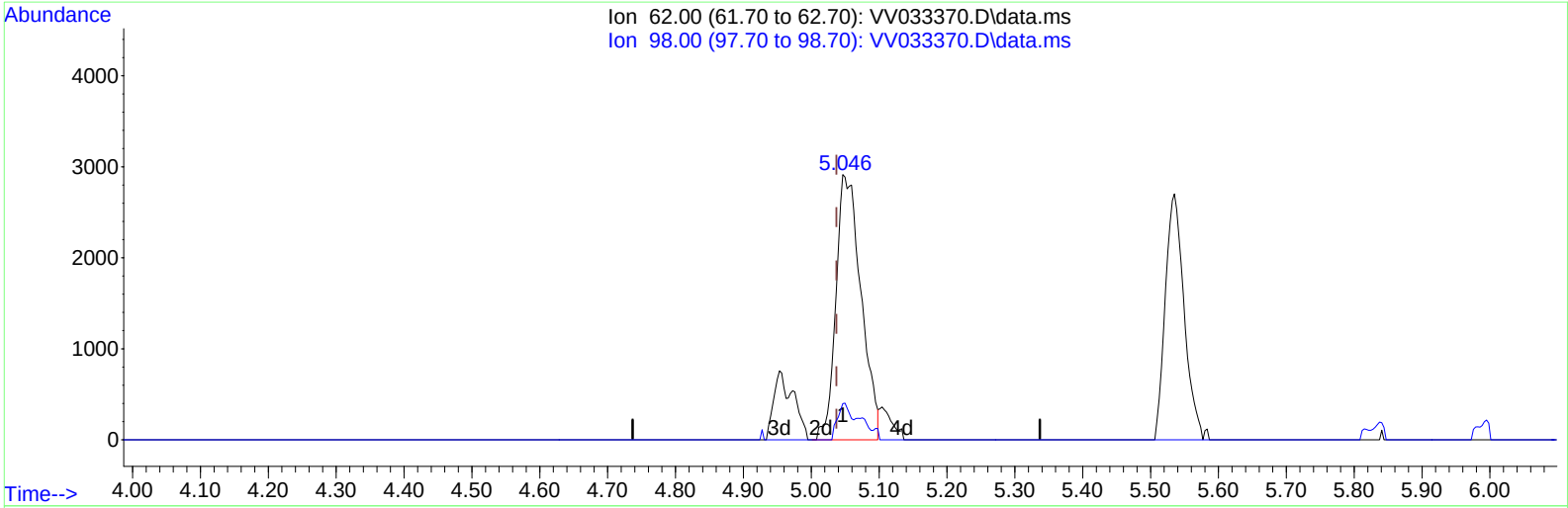

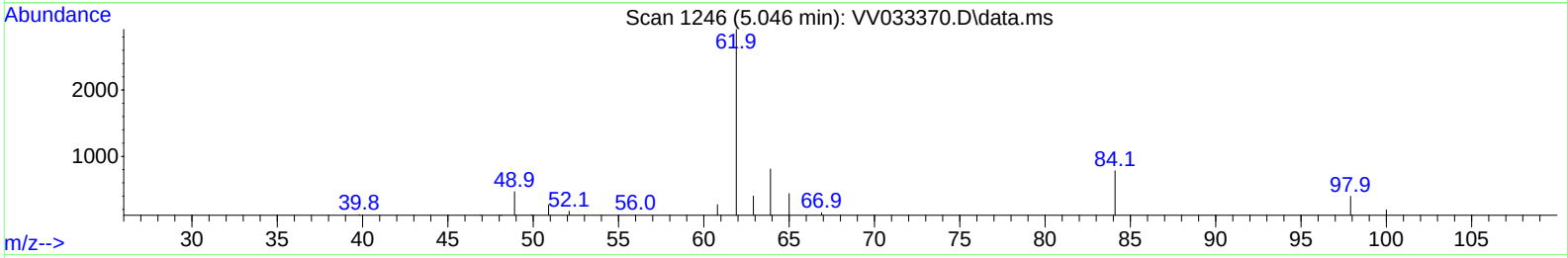

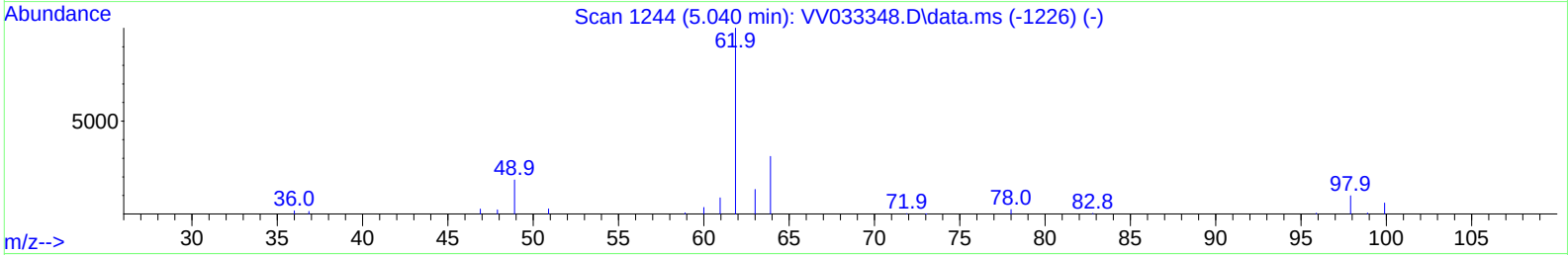

TIC: VV033370.D\data.ms

(27) 1,2-Dichloroethane (T)

5.046min (+ 0.010) 4.22 ug/L m

response 7463

Ion	Exp%	Act%
62.00	100.00	100.00
98.00	9.80	13.65#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	178644	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	183704	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	110601	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33376	31.253	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 62.500%			
7) Chloroethane-d5	1.532	69	28198	37.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.800%			
11) 1,1-Dichloroethene-d2	2.059	65	16136	39.718	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.440%			
21) 2-Butanone-d5	3.783	46	44993m	84.825	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 84.820%			
24) Chloroform-d	4.249	84	110919	48.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.880%			
26) 1,2-Dichloroethane-d4	4.940	65	77136	54.743	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.480%			
32) Benzene-d6	4.960	84	205674	47.871	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.740%			
36) 1,2-Dichloropropane-d6	5.985	67	44325	38.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 76.740%			
41) Toluene-d8	7.243	98	203600	49.676	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.360%			
43) trans-1,3-Dichloroprop...	7.551	79	31589	43.244	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.480%			
47) 2-Hexanone-d5	8.021	63	45415	97.859	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.860%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	83775	51.015	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.020%			
66) 1,2-Dichlorobenzene-d4	11.561	152	114126	57.995	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.000%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.818	96	10601	8.496	ug/L	83
27) 1,2-Dichloroethane	5.046	62	7463m	4.219	ug/L	
46) Tetrachloroethene	7.908	164	1345	1.125	ug/L #	69
51) Chlorobenzene	8.818	112	5026	1.362	ug/L	90
64) 1,3-Dichlorobenzene	11.123	146	3574	1.049	ug/L	92
65) 1,4-Dichlorobenzene	11.213	146	8172	2.309	ug/L	90
67) 1,2-Dichlorobenzene	11.580	146	12553	3.758	ug/L	97

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

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