Quantitation Report (Qedit)

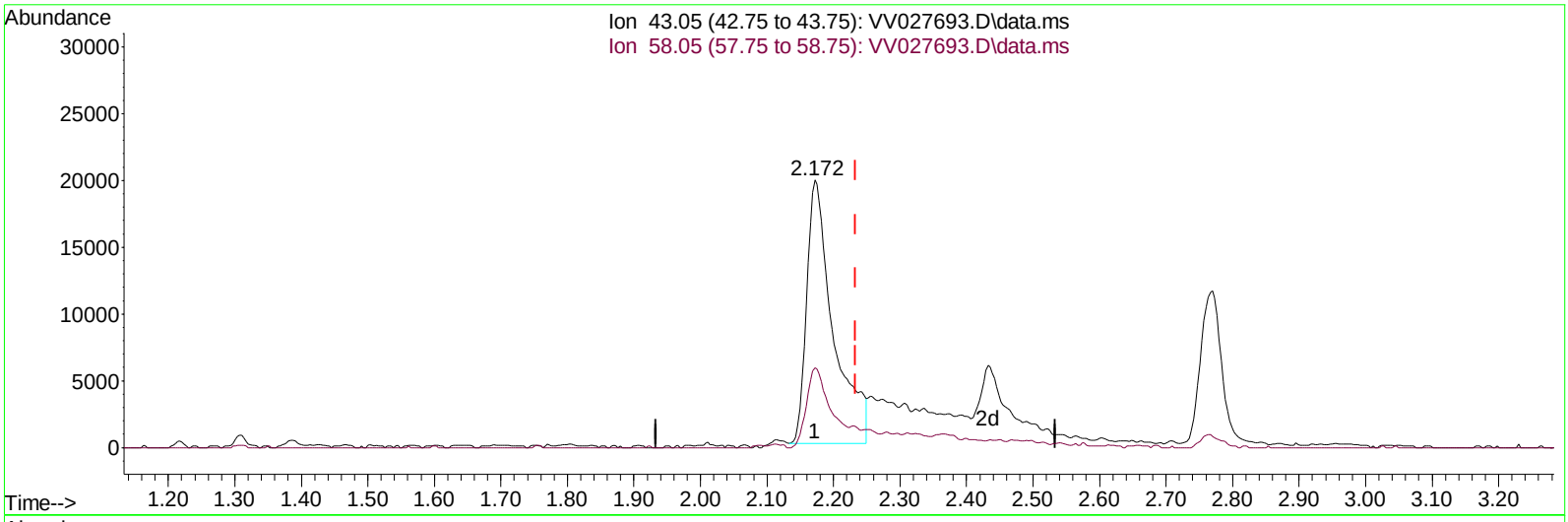
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027693.D
Acq On : 02 Sep 2022 01:55
Operator : SY/MD
Sample : N4400-04MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

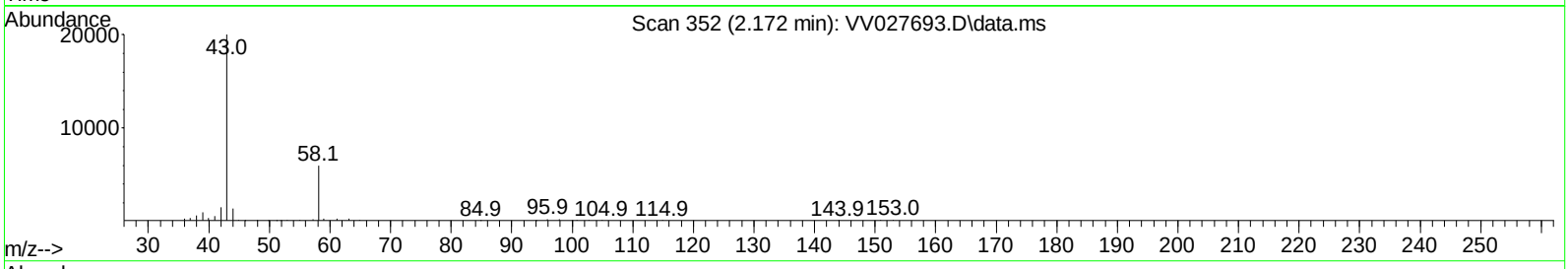
Quant Time: Sep 02 02:22:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 02 00:17:48 2022
Response via : Initial Calibration

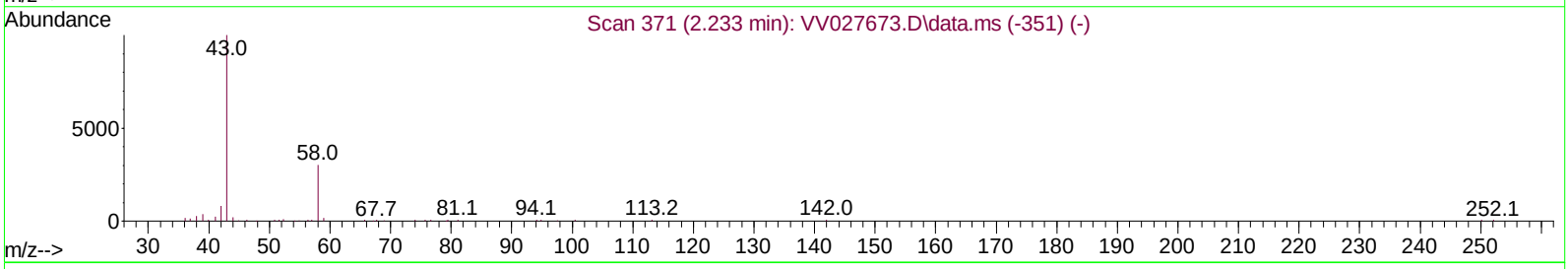
Instrument :
MSVOA_V
ClientSampleId :
DBVA1MS

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022







TIC: VV027693.D\data.ms

(13) Acetone (T)

2.172min (-0.061) 29.24 ug/L

response 54562

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	19.20	27.71
0.00	0.00	0.00
0.00	0.00	0.00

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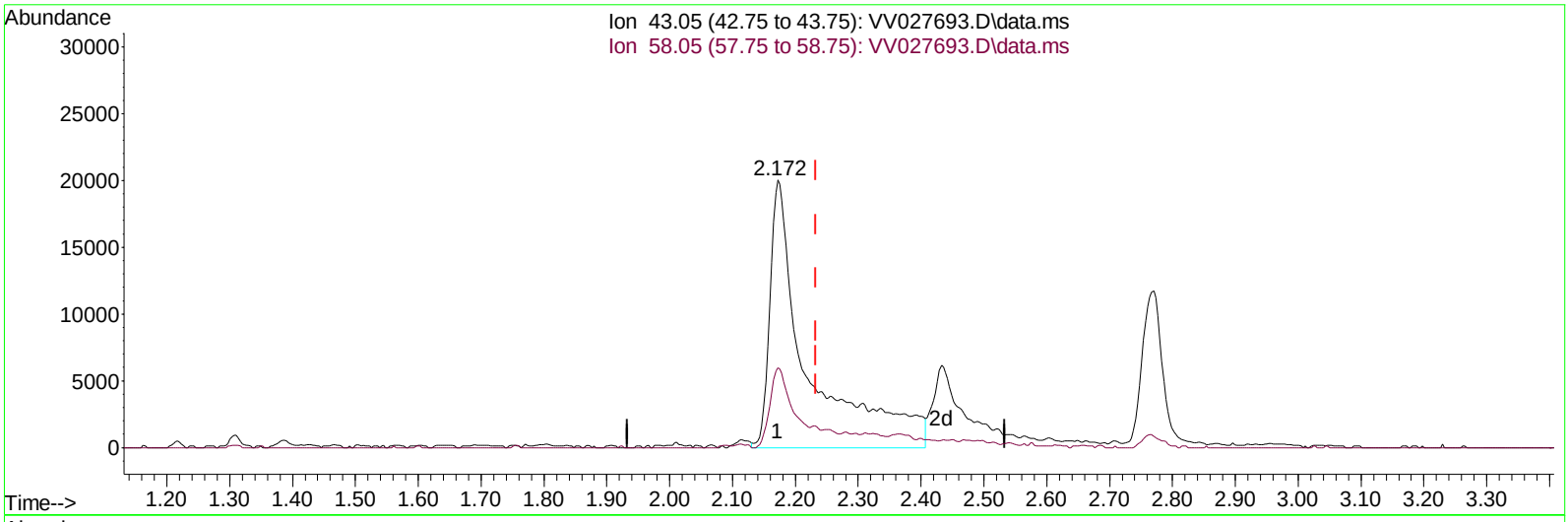

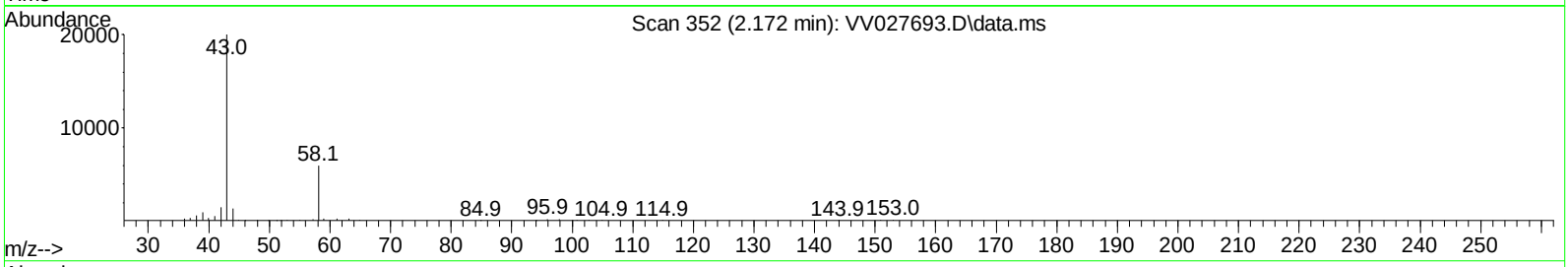

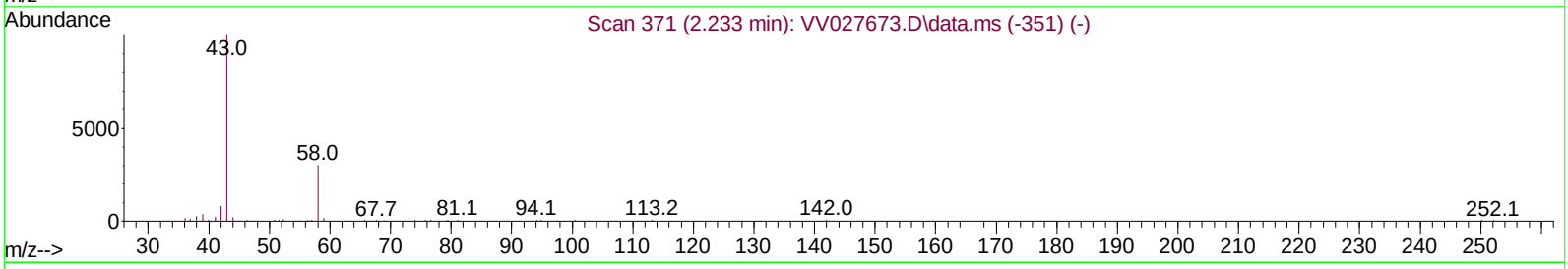

TIC: VV027693.D\data.ms

(13) Acetone (T)

2.172min (-0.061) 45.18 ug/L m

response 84292

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	19.20	17.93
0.00	0.00	0.00
0.00	0.00	0.00

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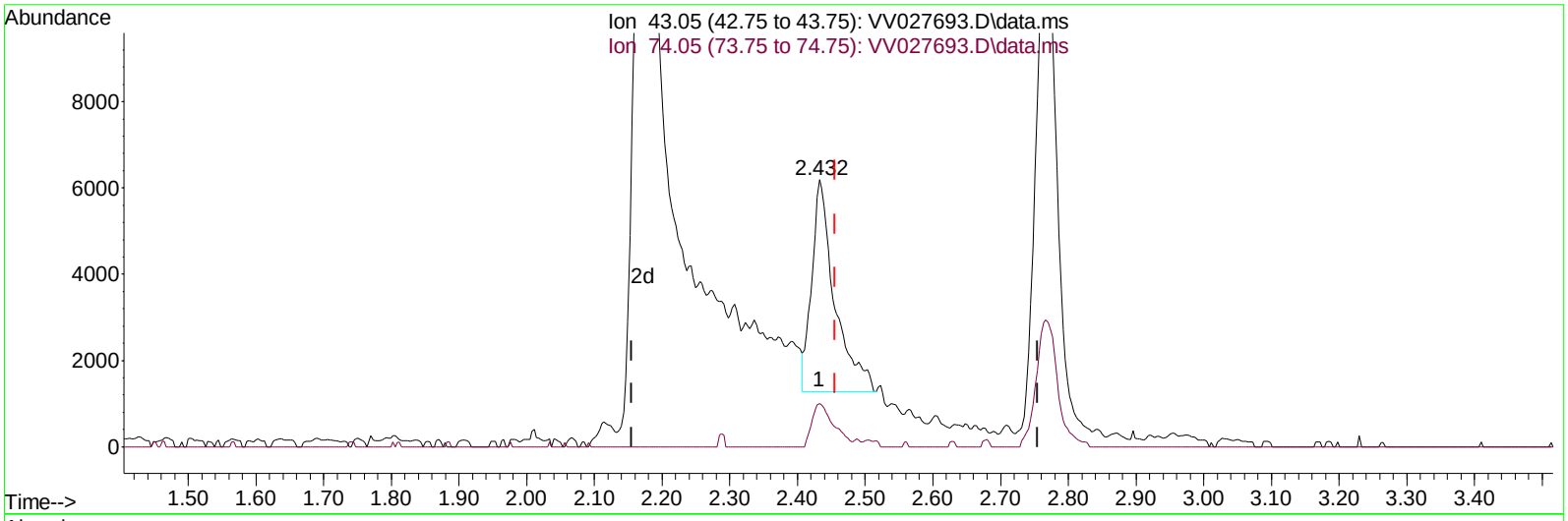

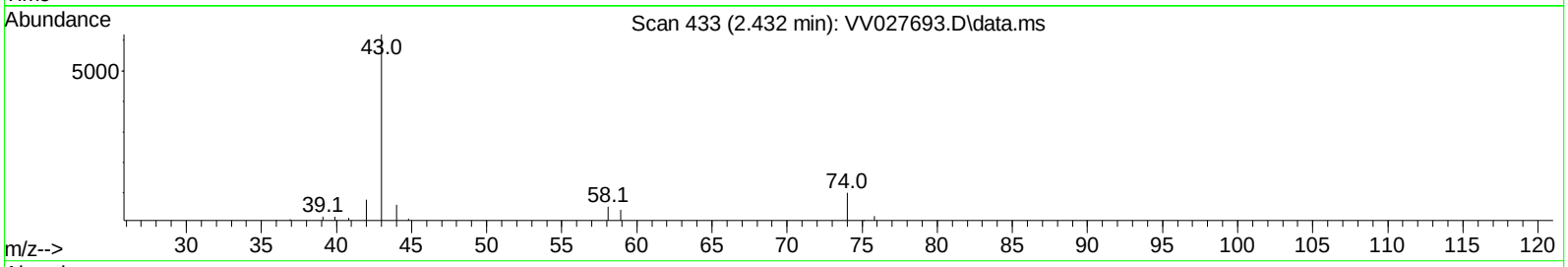

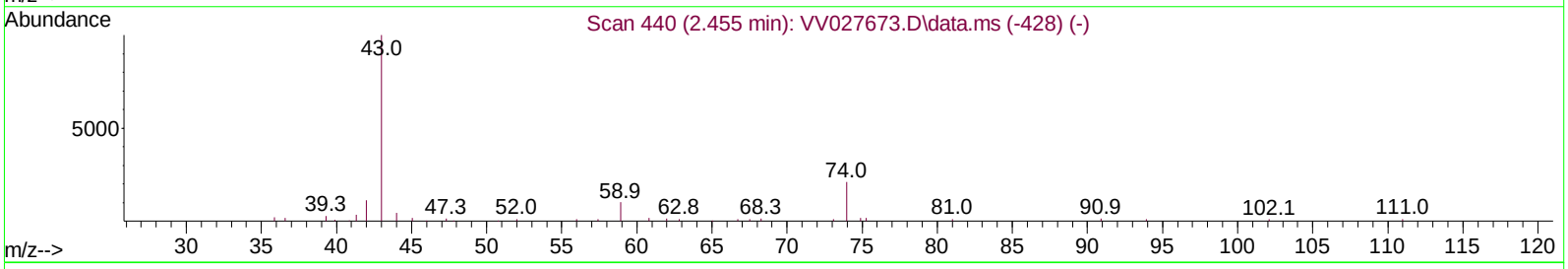

TIC: VV027693.D\data.ms

(15) Methyl Acetate (T)

2.432min (-0.023) 2.32 ug/L

response 11466

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	22.80	19.41
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Title : TRACE VOA SFAM1.0
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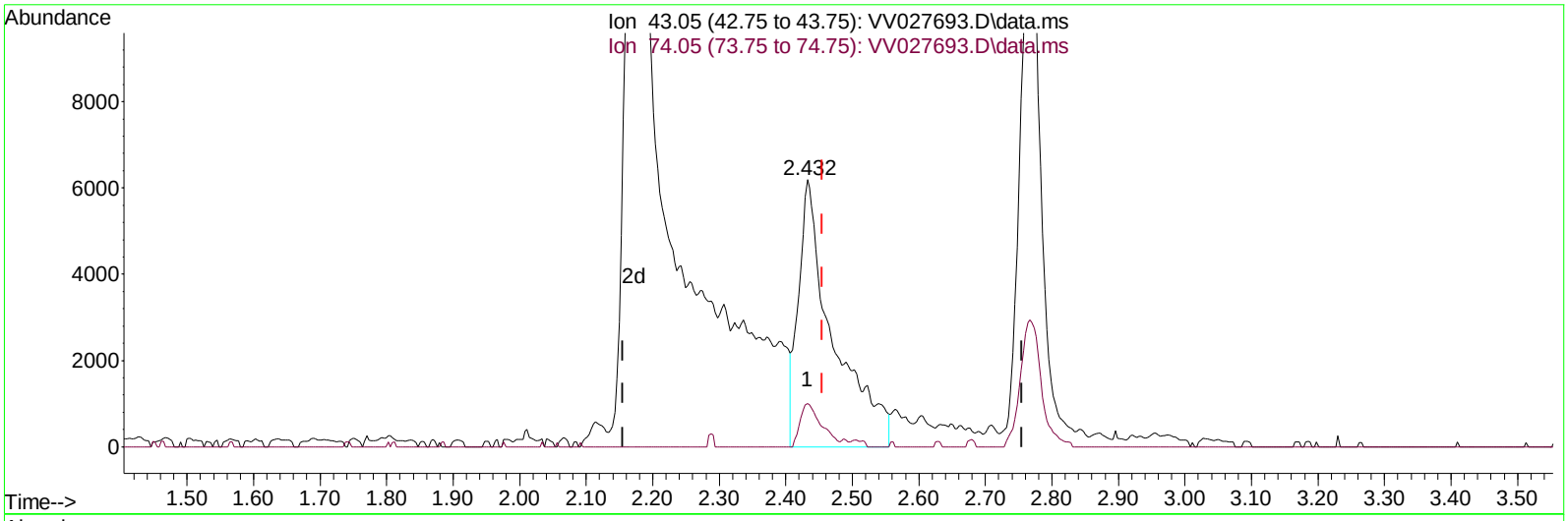

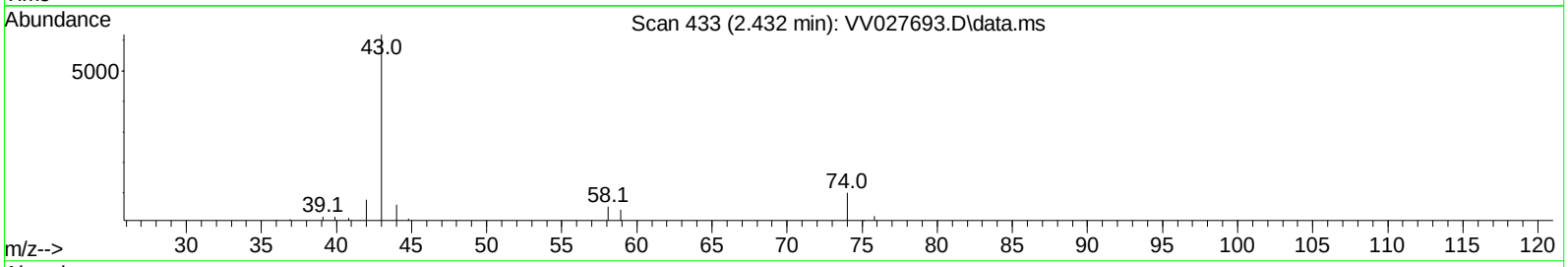

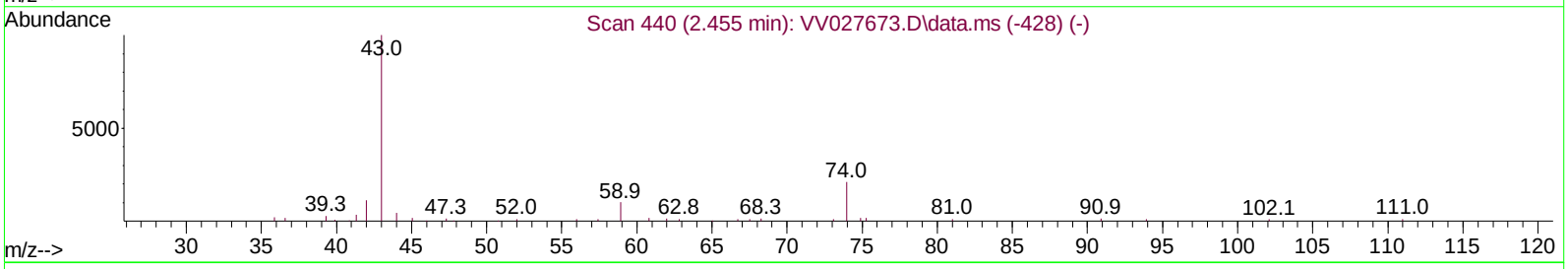

TIC: VV027693.D\data.ms

(15) Methyl Acetate (T)

2.432min (-0.023) 4.50 ug/L m

response 22260

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	22.80	10.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	150116	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	145361	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75700	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69005	4.231	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.600%			
7) Chloroethane-d5	1.567	69	57774	4.234	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.600%			
11) 1,1-Dichloroethene-d2	2.111	63	137222	4.299	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.000%			
20) 2-Butanone-d5	3.889	46	91248	33.094	ug/L	-0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 66.180%			
24) Chloroform-d	4.346	84	136223	4.161	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.200%			
26) 1,2-Dichloroethane-d4	5.030	65	61832	4.216	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.400%			
32) Benzene-d6	5.046	84	261837	4.397	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	6.066	67	74278	4.033	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.600%			
41) Toluene-d8	7.313	98	239251	4.640	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.800%			
43) trans-1,3-Dichloroprop...	7.622	79	21435	3.778	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.600%			
46) 2-Hexanone-d5	8.088	63	99185	46.487	ug/L	-0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.980%			
56) 1,1,2,2-Tetrachloroeth...	10.213	84	48194	4.066	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	75276	4.442	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	99602	4.870	ug/L	98
3) Chloromethane	1.240	50	93036	4.751	ug/L	99
5) Vinyl chloride	1.310	62	90948	4.878	ug/L	97
6) Bromomethane	1.522	94	40895	4.667	ug/L	99
8) Chloroethane	1.584	64	52156	5.005	ug/L	96
9) Trichlorofluoromethane	1.754	101	130206	5.207	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	64280	4.722	ug/L	98
12) 1,1-Dichloroethene	2.117	96	62463	4.985	ug/L	98
13) Acetone	2.172	43	84292m	45.180	ug/L	
14) Carbon disulfide	2.294	76	195667	4.942	ug/L	99
15) Methyl Acetate	2.432	43	22260m	4.497	ug/L	
16) Methylene chloride	2.506	84	67304	4.258	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	131875	4.927	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	68740	4.840	ug/L	95
19) 1,1-Dichloroethane	3.188	63	131393	4.726	ug/L	98
21) 2-Butanone	3.973	43	85413	33.756	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	75847	5.351	ug/L	94
23) Bromochloromethane	4.246	128	28998	4.618	ug/L	94

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Supervised By :Mahesh Dadoda 09/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	4.371	83	131084	4.490	ug/L		99
27) 1,2-Dichloroethane	5.130	62	73351	4.602	ug/L		100
29) 1,1,1-Trichloroethane	4.606	97	120198	4.782	ug/L		99
30) Cyclohexane	4.673	56	101281	4.777	ug/L		94
31) Carbon tetrachloride	4.825	117	103035	4.791	ug/L		100
33) Benzene	5.095	78	280487	4.947	ug/L		100
34) Trichloroethene	5.911	95	70843	5.083	ug/L		98
35) Methylcyclohexane	6.127	83	102216	4.726	ug/L		97
37) 1,2-Dichloropropane	6.172	63	65686	4.588	ug/L	#	96
38) Bromodichloromethane	6.506	83	84731	4.680	ug/L		98
39) cis-1,3-Dichloropropene	7.024	75	71973	4.118	ug/L		97
40) 4-Methyl-2-pentanone	7.226	43	318985	50.133	ug/L		98
42) Toluene	7.384	91	296052	5.229	ug/L		99
44) trans-1,3-Dichloropropene	7.651	75	61615	4.325	ug/L		98
45) 1,1,2-Trichloroethane	7.837	97	43309	4.690	ug/L		97
47) Tetrachloroethene	7.972	164	55766	4.935	ug/L		99
48) 2-Hexanone	8.140	43	239348	50.125	ug/L		95
49) Dibromochloromethane	8.242	129	52132	4.765	ug/L		100
50) 1,2-Dibromoethane	8.349	107	38855	4.697	ug/L		96
51) Chlorobenzene	8.879	112	177101	4.962	ug/L		97
52) Ethylbenzene	9.011	91	292368	5.097	ug/L		99
53) m,p-Xylene	9.136	106	114596	5.197	ug/L		98
54) o-Xylene	9.541	106	109171	5.188	ug/L		99
55) Styrene	9.558	104	187217	5.210	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.239	83	48503	4.750	ug/L		100
59) Bromoform	9.731	173	25755	4.790	ug/L		99
60) Isopropylbenzene	9.931	105	295922	5.165	ug/L		99
61) 1,2,3-Trichloropropane	10.271	75	36796	4.804	ug/L		97
62) 1,3,5-Trimethylbenzene	10.538	105	79701	5.099	ug/L		96
63) 1,2,4-Trimethylbenzene	10.911	105	227406	5.059	ug/L		100
64) 1,3-Dichlorobenzene	11.178	146	139905	5.060	ug/L		98
65) 1,4-Dichlorobenzene	11.271	146	137342	4.996	ug/L		99
67) 1,2-Dichlorobenzene	11.641	146	127623	5.146	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7335	4.809	ug/L		90
69) 1,3,5-Trichlorobenzene	12.641	180	101808	5.107	ug/L		99
70) 1,2,4-trichlorobenzene	13.258	180	74612	5.078	ug/L		98
71) Naphthalene	13.499	128	99253	4.316	ug/L		99
72) 1,2,3-Trichlorobenzene	13.741	180	69427	5.246	ug/L		95

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

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