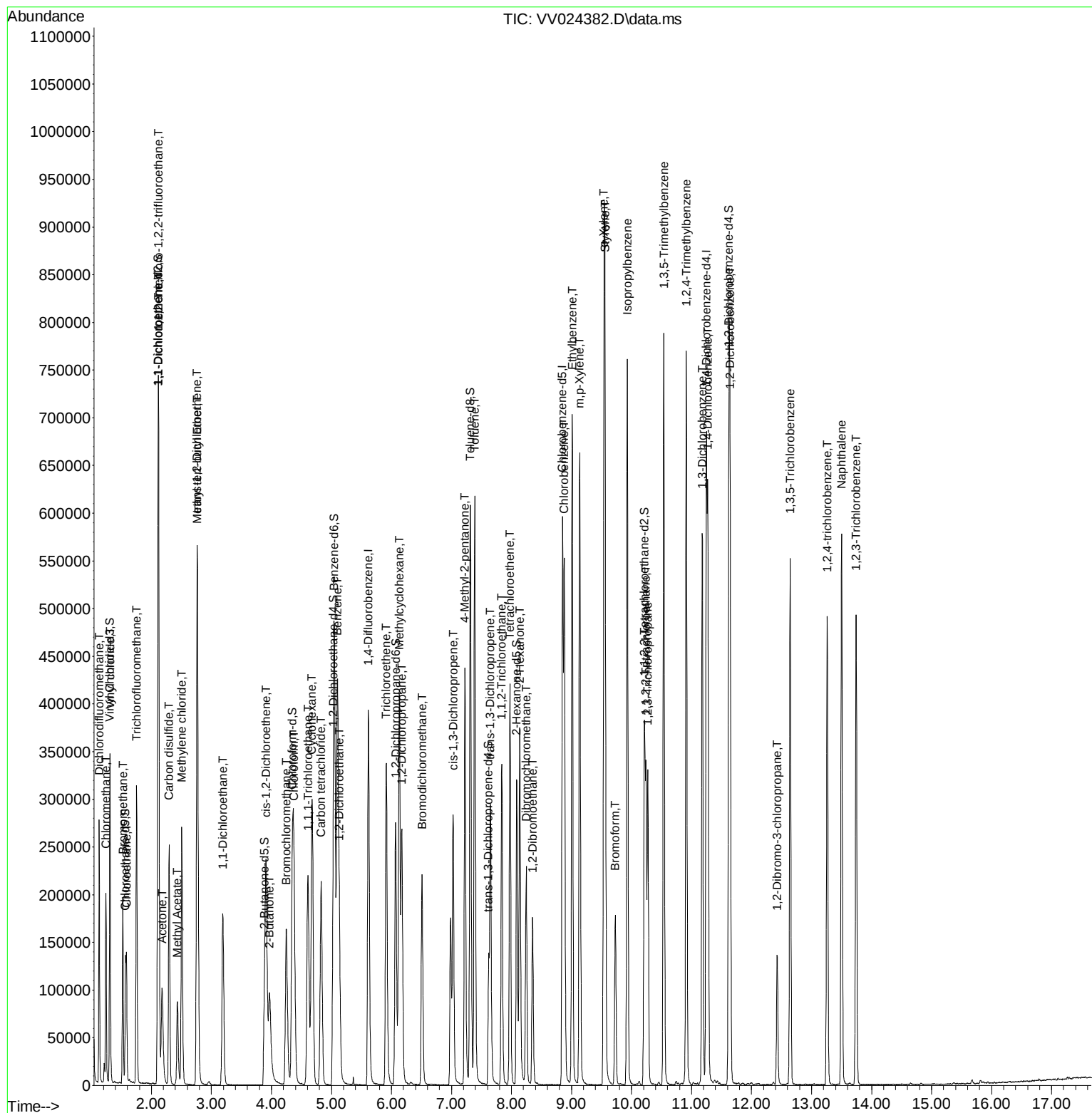


Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050EC

Reviewed By :John Carlone 01/19/2022
Supervised By :Mahesh Dadoda 01/20/2022

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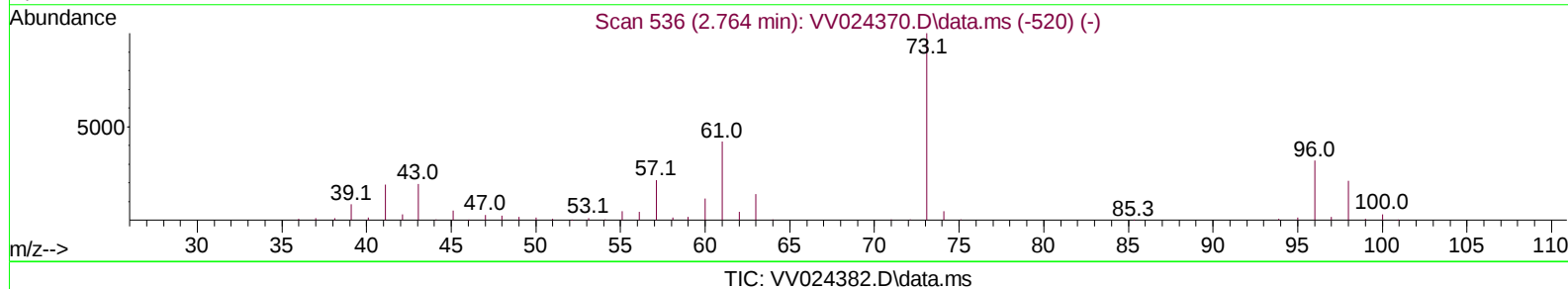
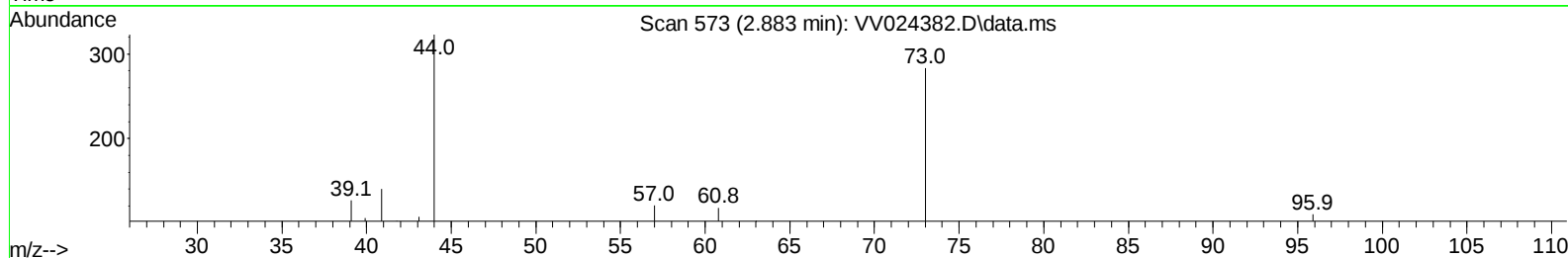
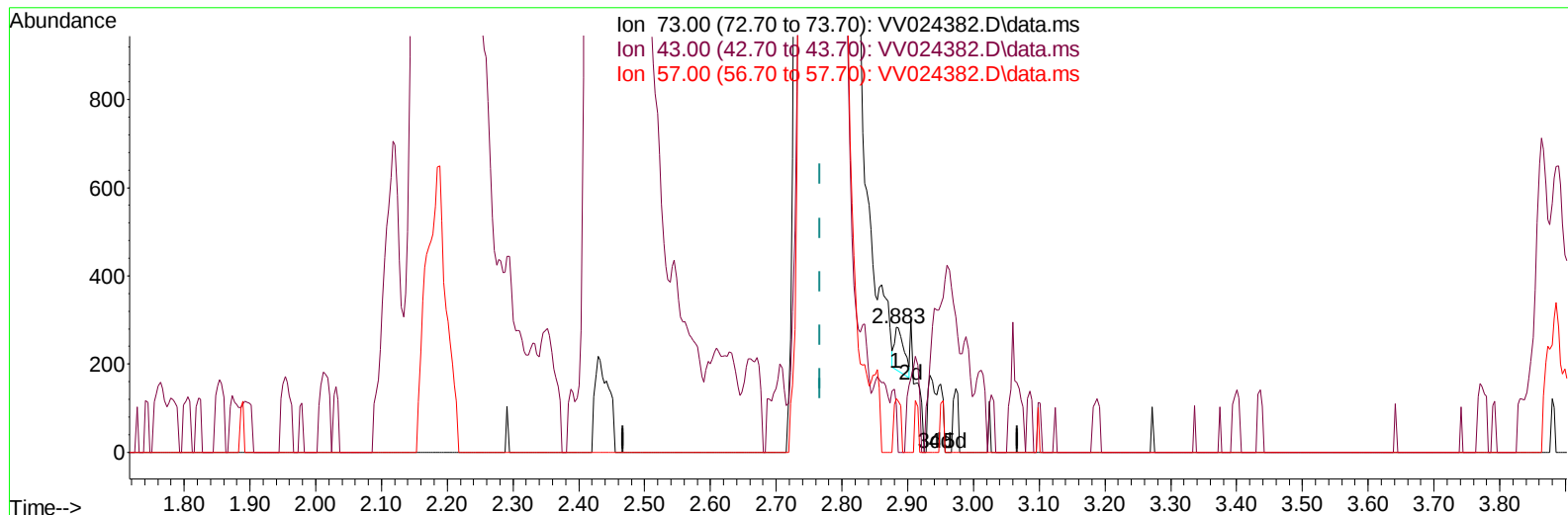
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 Data File : VV024382.D
 Acq On : 17 Jan 2022 18:18
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC050EC

Manual IntegrationsAPPROVED

Quant Time: Jan 18 05:58:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 01/19/2022
 Supervised By :Mahesh Dadoda 01/20/2022



(18) Methyl tert-butyl Ether (T)

2.883min (+ 0.116) 0.01 ug/L

response 97

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	20.20	77.32#
57.00	19.90	89.69#
0.00	0.00	0.00

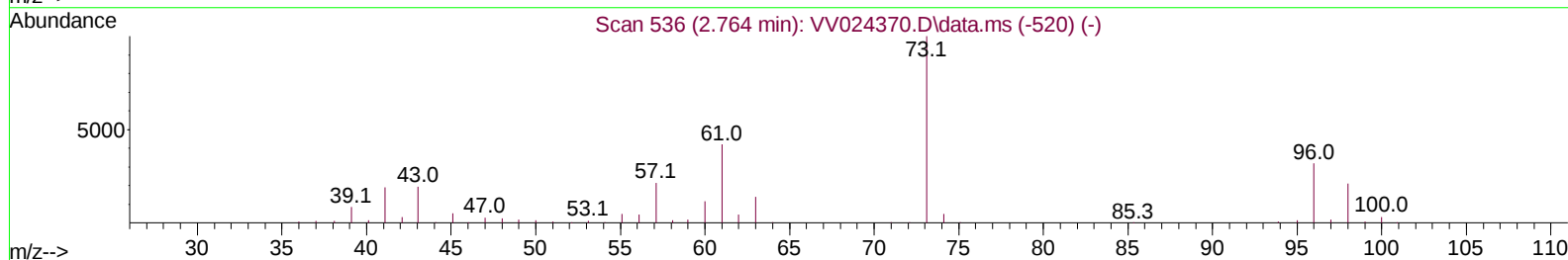
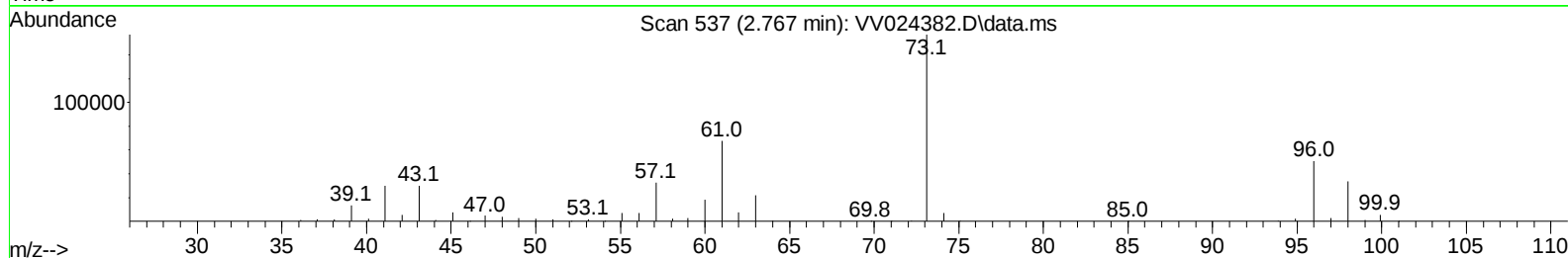
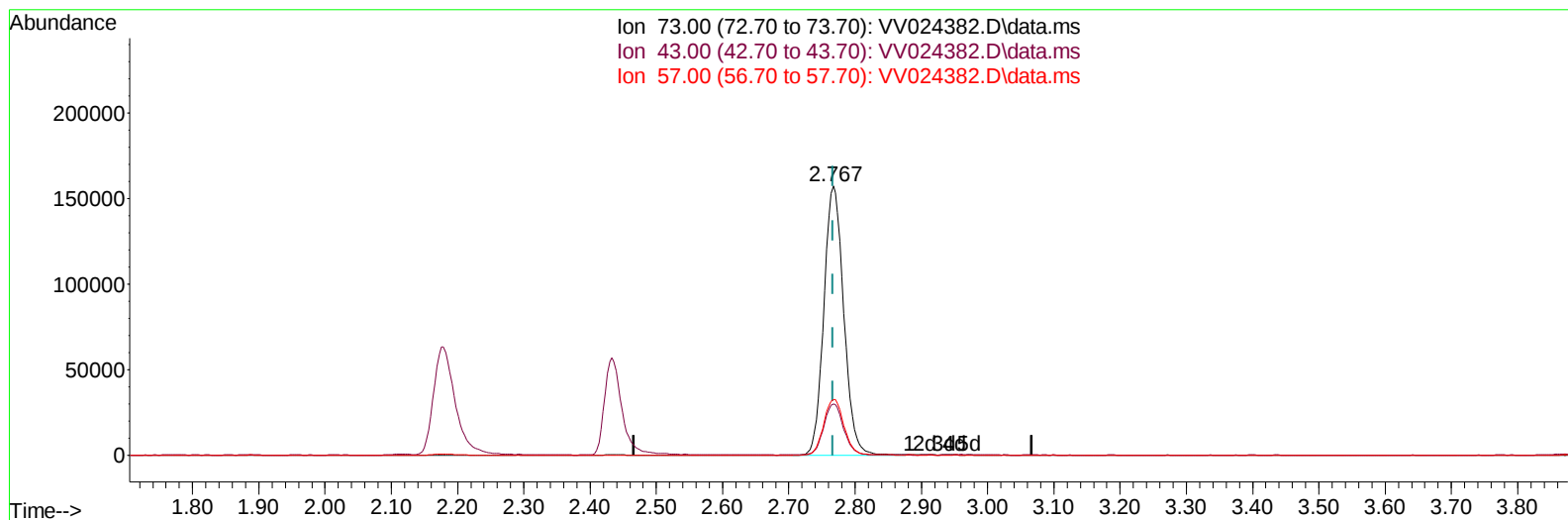
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011722\
 Data File : VV024382.D
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 Operator : SY/MD
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 Misc : 5.0mL/MSVOA_V/WATER
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TIC: VV024382.D\data.ms

(18) Methyl tert-butyl Ether (T)

2.767min (-0.000) 48.91 ug/L m

response 326629

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	20.20	0.02#
57.00	19.90	0.03#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011722\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	345210	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	316651	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	165639	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	96862	38.988	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	77.980%	
7) Chloroethane-d5	1.568	69	73931	39.173	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	78.340%	
11) 1,1-Dichloroethene-d2	2.111	63	189425	40.795	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	81.600%	
21) 2-Butanone-d5	3.883	46	152736	110.344	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	110.340%	
24) Chloroform-d	4.349	84	215308	47.418	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	94.840%	
26) 1,2-Dichloroethane-d4	5.031	65	137287	45.159	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	90.320%	
32) Benzene-d6	5.050	84	417956	50.580	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	101.160%	
36) 1,2-Dichloropropane-d6	6.069	67	131423	56.750	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	113.500%	
41) Toluene-d8	7.313	98	399707	49.959	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	99.920%	
43) trans-1,3-Dichloroprop...	7.619	79	67418	50.557	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	101.120%	
47) 2-Hexanone-d5	8.085	63	108056	107.398	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	107.400%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	170877	51.633	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	103.260%	
66) 1,2-Dichlorobenzene-d4	11.622	152	162016	49.072	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	98.140%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	143532	51.537	ug/L	99
3) Chloromethane	1.243	50	123364	52.723	ug/L	97
5) Vinyl chloride	1.310	62	123957	50.068	ug/L	94
6) Bromomethane	1.523	94	76380	54.140	ug/L	97
8) Chloroethane	1.584	64	67509	44.177	ug/L	98
9) Trichlorofluoromethane	1.754	101	176162	39.585	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	93702	43.083	ug/L	97
12) 1,1-Dichloroethene	2.121	96	89042	42.346	ug/L	94
13) Acetone	2.179	43	142946	104.596	ug/L	99
14) Carbon disulfide	2.294	76	287618	47.109	ug/L	99
15) Methyl Acetate	2.433	43	103711	52.176	ug/L	93
16) Methylene chloride	2.507	84	108078	47.198	ug/L	94
17) trans-1,2-Dichloroethene	2.761	96	103562	47.795	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	326629m	48.911	ug/L	
19) 1,1-Dichloroethane	3.191	63	184025	51.205	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	112460	48.597	ug/L	98
22) 2-Butanone	3.970	43	168569	116.116	ug/L	91
23) Bromochloromethane	4.246	128	61239	45.927	ug/L #	86

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Reviewed By :John Carlone 01/19/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.375	83	194539	46.297	ug/L	100
27) 1,2-Dichloroethane	5.130	62	146620	42.900	ug/L	95
29) Cyclohexane	4.677	56	168134	59.399	ug/L	93
30) 1,1,1-Trichloroethane	4.609	97	177337	45.517	ug/L	99
31) Carbon tetrachloride	4.828	117	158150	43.754	ug/L	99
33) Benzene	5.098	78	415699	51.629	ug/L	100
34) Trichloroethene	5.915	95	115217	51.892	ug/L	95
35) Methylcyclohexane	6.130	83	176479	53.594	ug/L	97
37) 1,2-Dichloropropane	6.172	63	103666	54.740	ug/L	97
38) Bromodichloromethane	6.510	83	142190	47.846	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	166566	52.322	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	279348	113.119	ug/L	97
42) Toluene	7.387	91	449292	49.711	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	160991	49.853	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	105260	49.579	ug/L	100
46) Tetrachloroethene	7.976	164	92354	45.699	ug/L	96
48) 2-Hexanone	8.137	43	230811	116.366	ug/L	97
49) Dibromochloromethane	8.246	129	117762	44.251	ug/L	98
50) 1,2-Dibromoethane	8.352	107	112911	49.515	ug/L	98
51) Chlorobenzene	8.879	112	292602	48.065	ug/L	98
52) Ethylbenzene	9.011	91	479727	49.684	ug/L	100
53) m,p-Xylene	9.136	106	190741	49.283	ug/L	99
54) o-Xylene	9.542	106	182349	49.356	ug/L	100
55) Styrene	9.558	104	310417	48.382	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	150111	48.421	ug/L	99
59) Bromoform	9.728	173	82196	43.519	ug/L	98
60) Isopropylbenzene	9.931	105	486161	53.041	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	125707	51.684	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	409867	51.986	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	414128	52.613	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	232984	49.299	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	231533	47.506	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	227814	46.773	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	31531	45.012	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	167965	46.206	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	148466	47.756	ug/L	99
71) Naphthalene	13.500	128	449110	49.932	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	148957	46.360	ug/L	99

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