

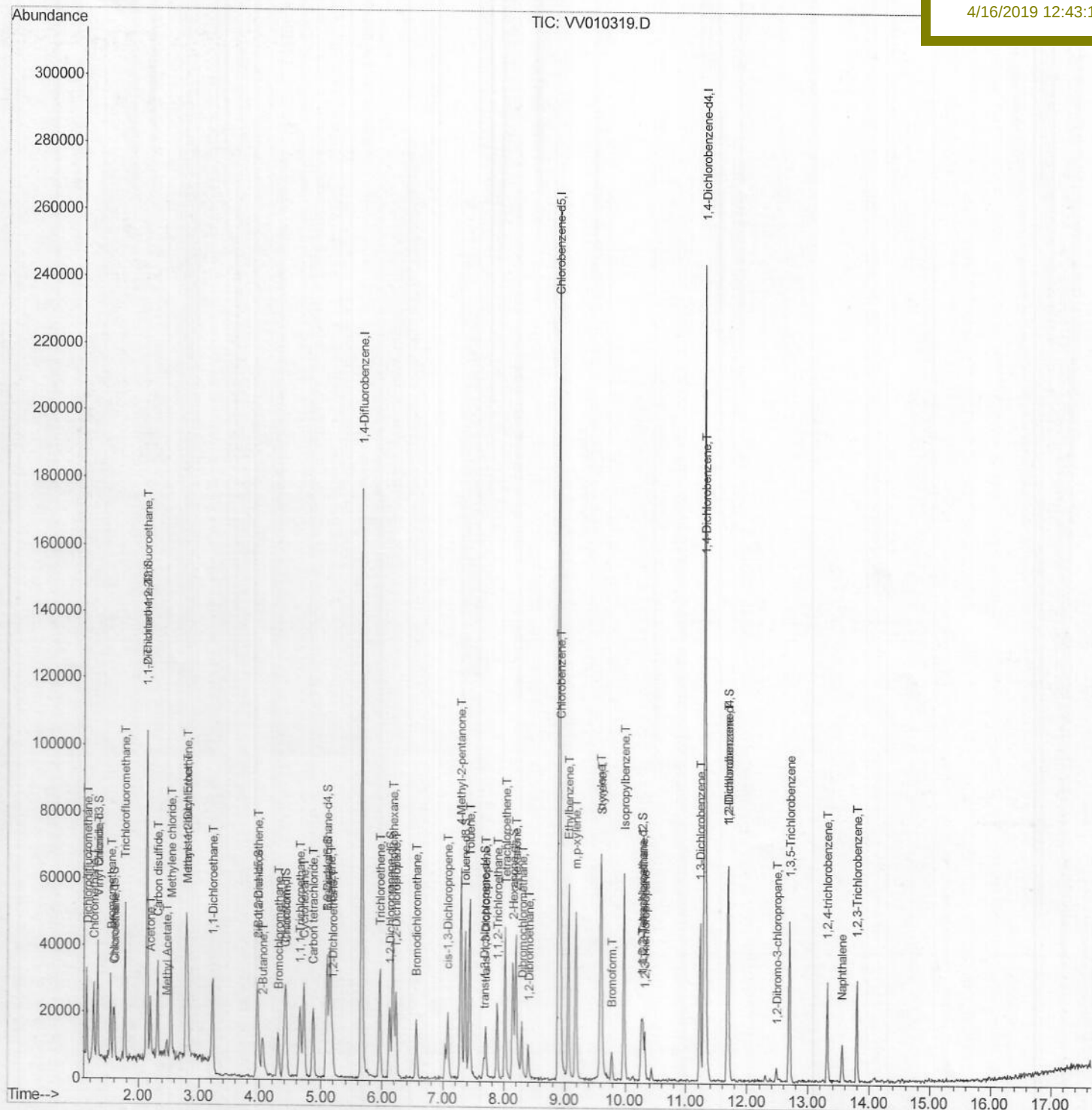
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV041319\
Data File : VV010319.D
Acq On : 13 Apr 2019 12:08
Operator : SY/MD
Sample : VSTD00133
Misc : 25mL/MSVOA V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 13 13:08:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR041319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 13 12:55:56 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD00133

Manual Integrations APPROVED

MMDadoda
4/16/2019 12:43:16 AM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041319\

Data File : VV010319.D

Acq On : 13 Apr 2019 12:08

Operator : SY/MD

Sample : VSTD00133

Misc : 25mL/MSVOA_V/WATER

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 13 13:06:55 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR041319WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Sat Apr 13 12:55:56 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampled :

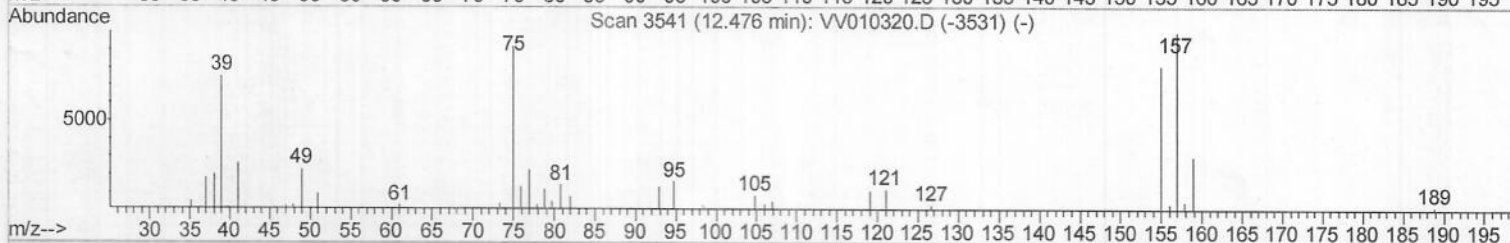
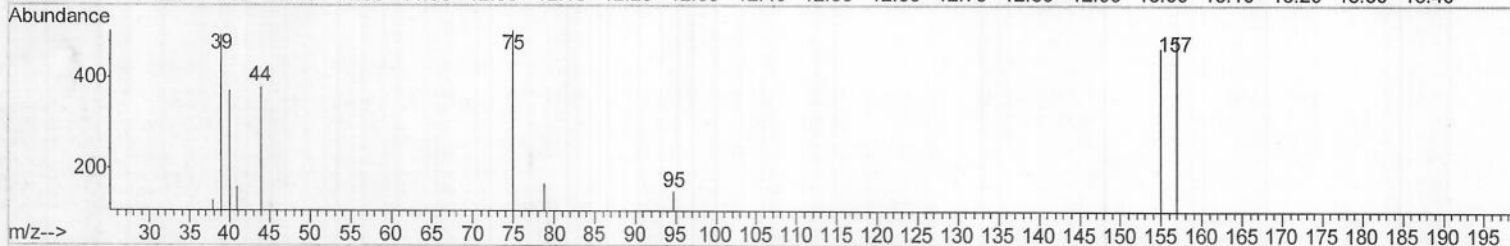
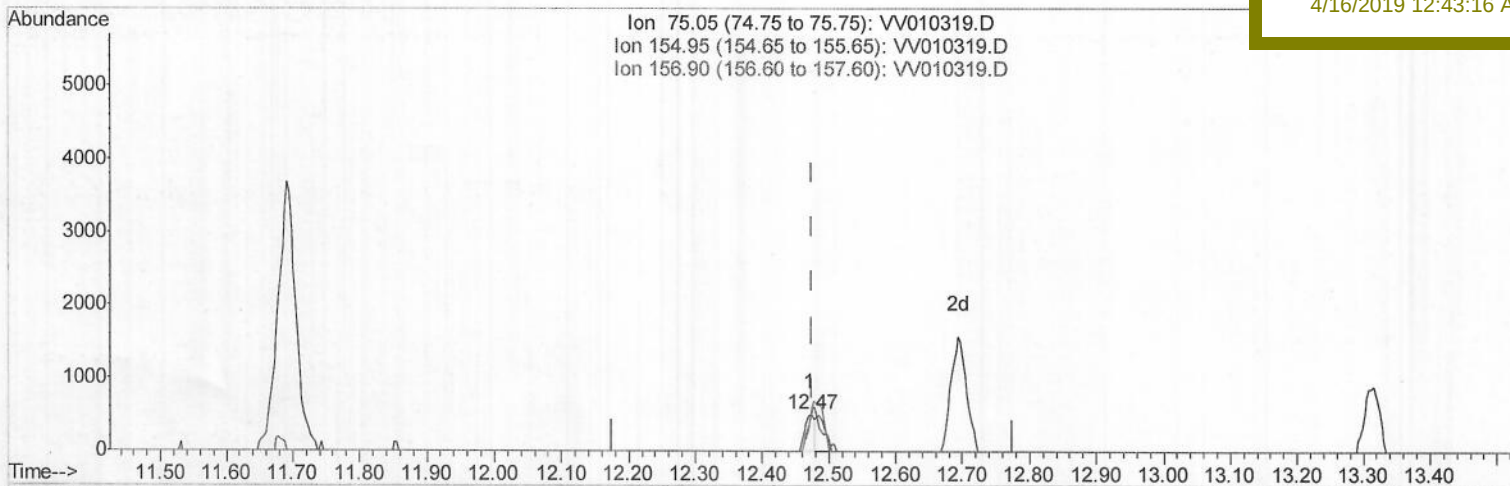
VSTD00133

Manual Integrations

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4/16/2019 12:43:16 AM



TIC: VV010319.D

(66) 1,2-Dibromo-3-chloropropane (T)

12.472min (-0.003) 0.46ug/L

response 514

Ion	Exp%	Act%
75.05	100	100
154.95	91.90	92.46
156.90	110.40	97.62
0.00	0.00	0.00

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Instrument :

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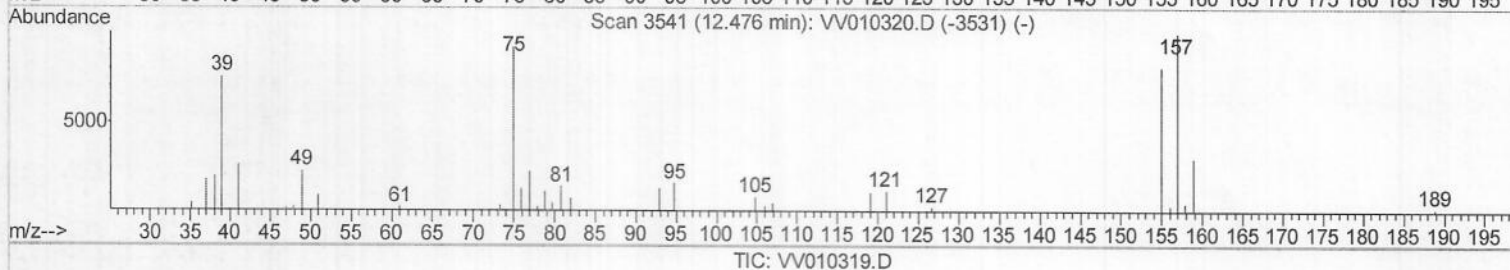
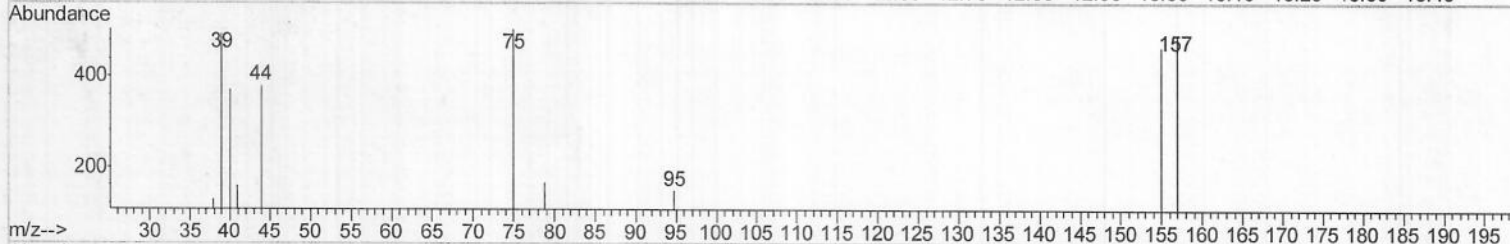
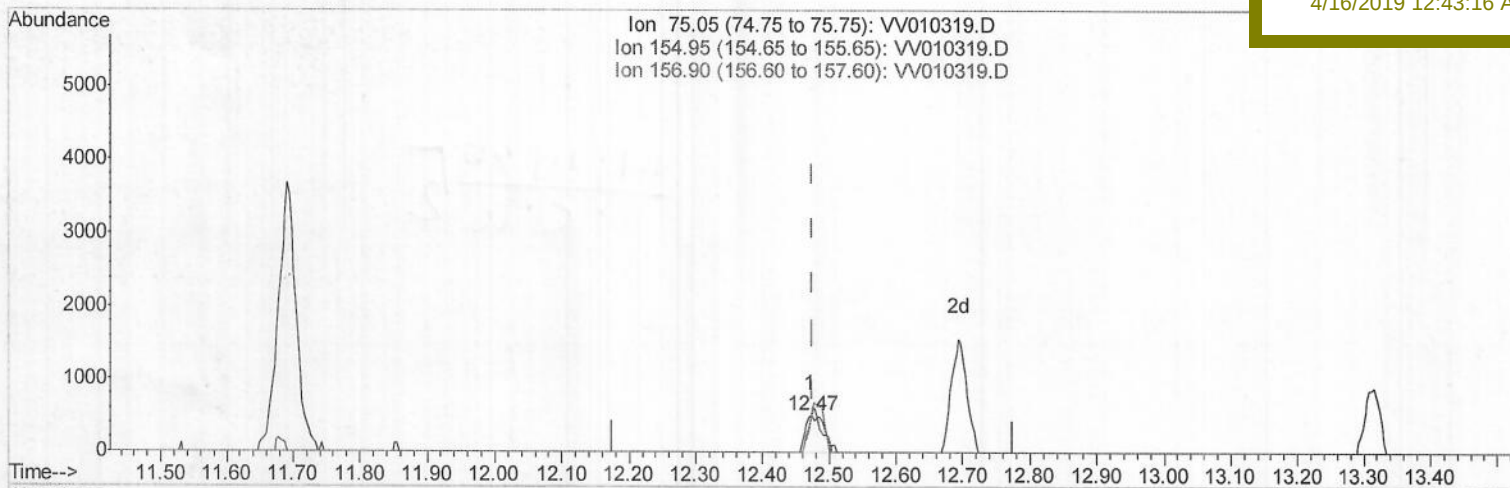
VSTD00133

Manual Integrations

APPROVED

MMDadoda

4/16/2019 12:43:16 AM



(66) 1,2-Dibromo-3-chloropropane (T)

12.472min (-0.003) 0.88ug/L m

response 977

Ion	Exp%	Act%
75.05	100	100
154.95	91.90	92.46
156.90	110.40	97.62
0.00	0.00	0.00

M.D.
04/16/19

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Manual Integrations

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4/16/2019 12:43:16 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.67	114	146982	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	148157	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69688	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8223	0.46	ug/L	0.00
7) Chloroethane-d5	1.59	69	7726	0.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	21345	0.51	ug/L	0.00
20) 2-Butanone-d5	3.96	46	19658	9.56	ug/L	0.00
24) Chloroform-d	4.40	84	16353	0.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	8484	0.98	ug/L	0.00
32) Benzene-d6	5.10	84	31757	0.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	9822	0.86	ug/L	0.00
41) Toluene-d8	7.36	98	28489	0.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2938	0.69	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	11421	6.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	7380	0.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	13207	1.04	ug/L	0.00

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.14	85	13650	1.029	ug/L	88
3) Chloromethane	1.25	50	12604	0.650	ug/L	96
5) Vinyl chloride	1.32	62	13079	0.613	ug/L	97
6) Bromomethane	1.54	94	9396	0.721	ug/L	99
8) Chloroethane	1.60	64	8566	0.579	ug/L	85
9) Trichlorofluoromethane	1.77	101	25756	0.577	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	14052	0.637	ug/L	95
12) 1,1-Dichloroethene	2.14	96	11181	0.570	ug/L	88
13) Acetone	2.20	43	17463	6.558	ug/L	51
14) Carbon disulfide	2.32	76	30280	0.559	ug/L	97
15) Methyl Acetate	2.47	43	3936	0.622	ug/L	85
16) Methylene chloride	2.54	84	13178	0.595	ug/L	95
17) Methyl tert-butyl Ether	2.81	73	26841	0.593	ug/L	93
18) trans-1,2-Dichloroethene	2.79	96	12932	0.614	ug/L	76
19) 1,1-Dichloroethane	3.23	63	21187	0.579	ug/L	96
21) 2-Butanone	4.05	43	18707	8.941	ug/L	91
22) cis-1,2-Dichloroethene	3.97	96	9295	0.912	ug/L	92
23) Bromochloromethane	4.30	128	4601	1.114	ug/L	86
25) Chloroform	4.43	83	20254	1.137	ug/L	96
27) 1,2-Dichloroethane	5.19	62	10768	0.993	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	15996	1.000	ug/L	98
30) Cyclohexane	4.72	56	12954	0.782	ug/L	98
31) Carbon tetrachloride	4.87	117	14244	1.035	ug/L	97
33) Benzene	5.15	78	37609	0.904	ug/L	100
34) Trichloroethene	5.96	95	10852	1.031	ug/L	90
35) Methylcyclohexane	6.17	83	14552	0.808	ug/L	95
37) 1,2-Dichloropropane	6.23	63	8294	0.797	ug/L	93
38) Bromodichloromethane	6.56	83	11284	0.917	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	10469	0.744	ug/L	92
40) 4-Methyl-2-pentanone	7.28	43	43138	7.098	ug/L	95

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4/16/2019 12:43:16 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
42) Toluene	7.43	91	39916	0.848	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	7662	0.681	ug/L	87
45) 1,1,2-Trichloroethane	7.88	97	6903	0.975	ug/L	91
47) Tetrachloroethene	8.02	164	9506	1.046	ug/L	93
48) 2-Hexanone	8.19	43	27374	6.402	ug/L	93
49) Dibromochloromethane	8.30	129	7960	0.973	ug/L	98
50) 1,2-Dibromoethane	8.40	107	6095	0.922	ug/L #	89
51) Chlorobenzene	8.93	112	29382	0.975	ug/L	92
52) Ethylbenzene	9.06	91	41354	0.797	ug/L	98
53) m,p-xylene	9.18	106	15731	0.798	ug/L	94
54) o-xylene	9.59	106	14564	0.756	ug/L	98
55) Styrene	9.61	104	22894	0.731	ug/L	90
56) Isopropylbenzene	9.97	105	38761	0.762	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	7720	0.880	ug/L	91
59) 1,2,3-Trichloropropane	10.32	75	4988	0.826	ug/L	92
61) Bromoform	9.78	173	4316	1.171	ug/L	91
62) 1,3-Dichlorobenzene	11.23	146	21173	0.955	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	22046	0.983	ug/L	94
65) 1,2-Dichlorobenzene	11.69	146	19542	0.936	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.47	75	977m	0.875	ug/L	
67) 1,3,5-Trichlorobenzene	12.70	180	15143	0.902	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	9215	0.732	ug/L	99
69) Naphthalene	13.56	128	9015	0.456	ug/L	96
70) 1,2,3-Trichlorobenzene	13.80	180	8877	0.760	ug/L	93

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

3 M.D.
04/16/19