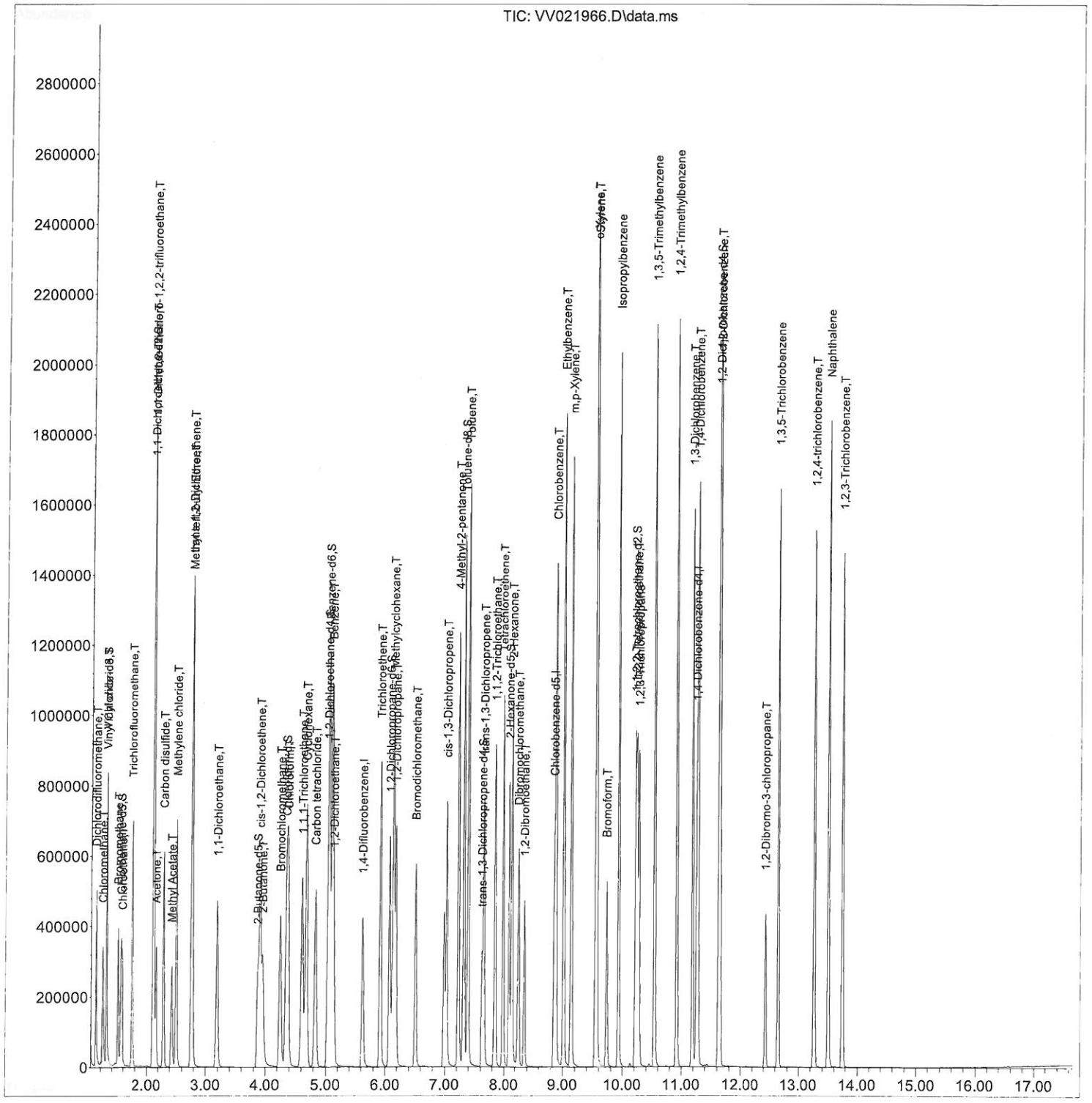
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082721\
Data File : VV021966.D
Acq On : 27 Aug 2021 10:45
Operator : SY/MD
Sample : VSTD10048
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 28 02:07:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 28 02:05:13 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD100248

Manual Integrations APPROVED
MMDadoda
8/30/2021 10:21:50 AM



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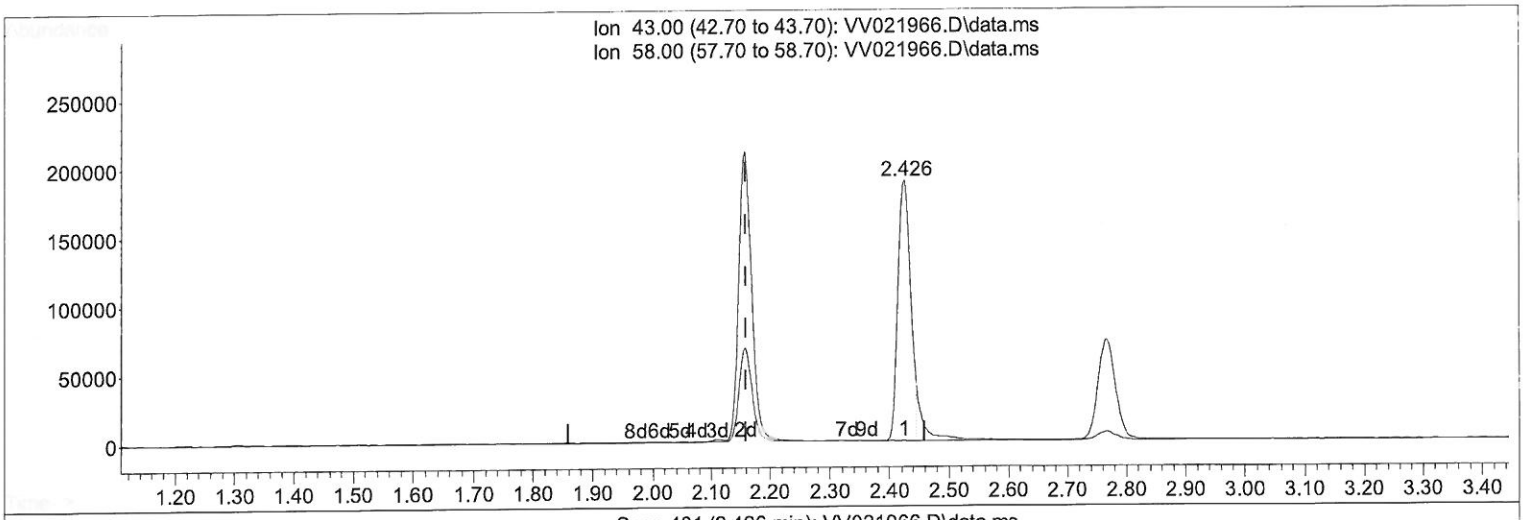

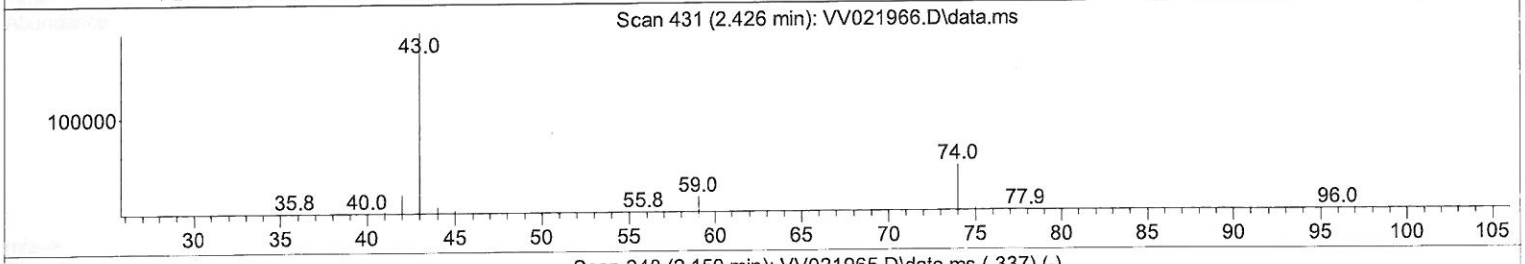

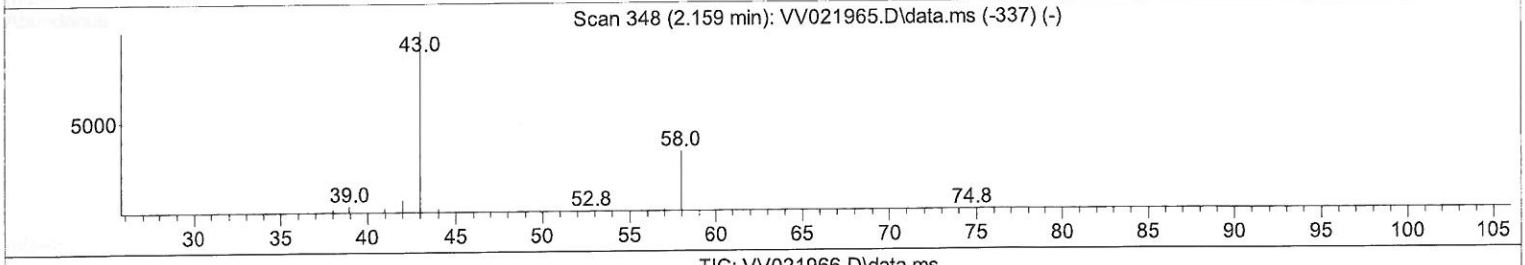

TIC: VV021966.D\data.ms

(13) Acetone (T)

2.426min (+ 0.267) 185.15 ug/L

response 282227

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	0.20	0.02
0.00	0.00	0.00
0.00	0.00	0.00

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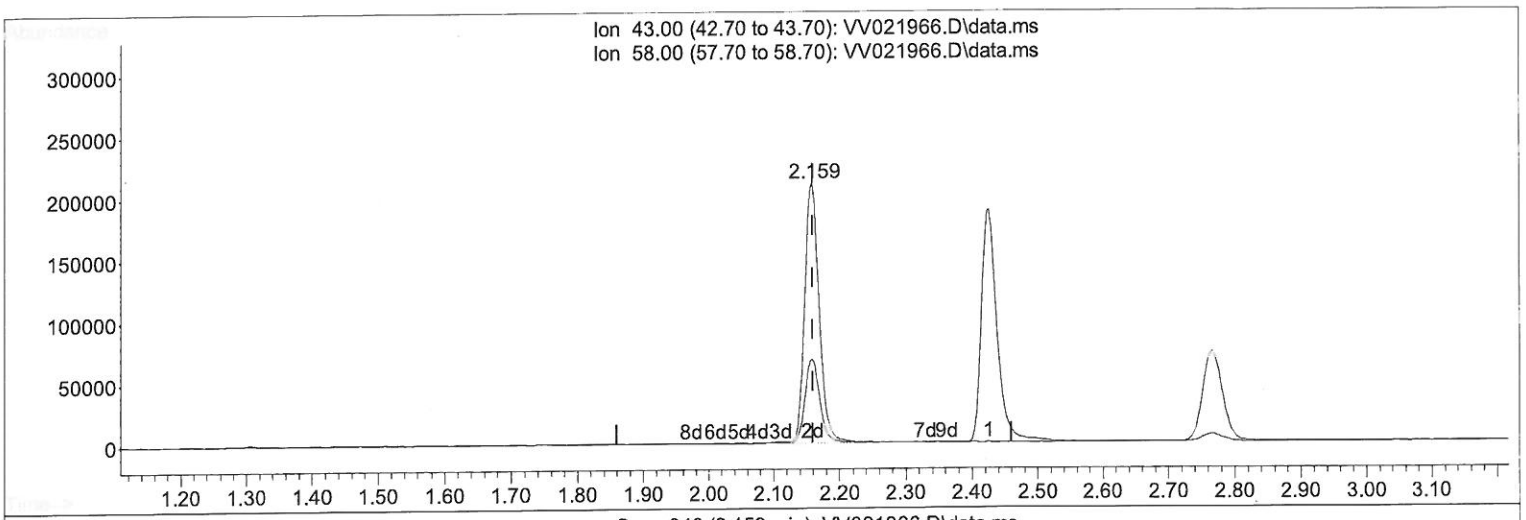

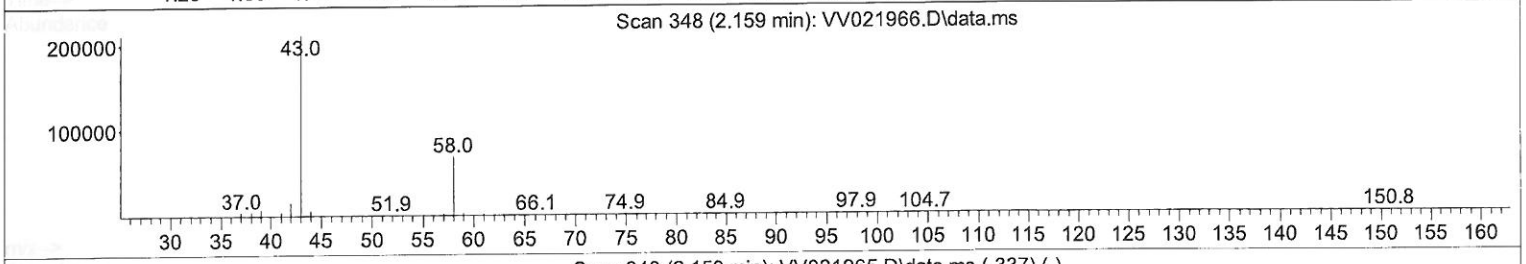

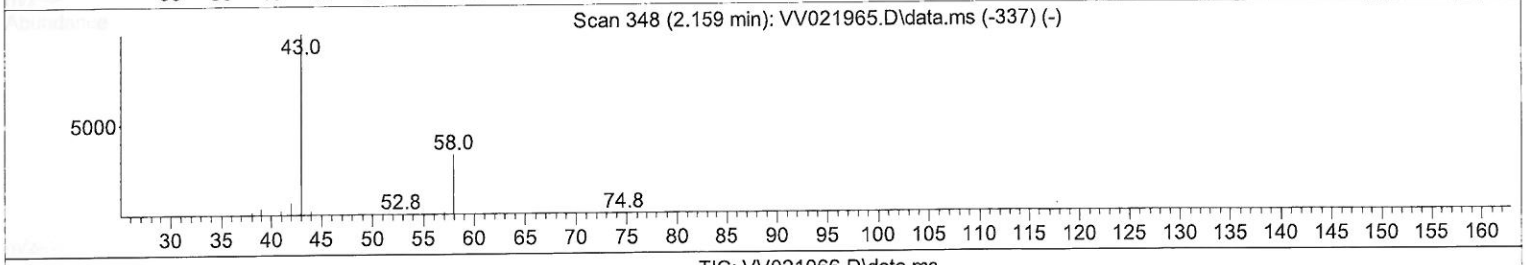

TIC: VV021966.D\data.ms

(13) Acetone (T)

2.159min (-0.000) 210.00 ug/L m

response 320108

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	0.20	0.01
0.00	0.00	0.00
0.00	0.00	0.00

MD 9/10/21

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ClientSampleId : VSTD100248

Manual Integrations APPROVED
MMDadoda
8/30/2021 10:21:50 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	392339	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	373328	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	208878	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	281173	92.460	ug/L	0.00
7) Chloroethane-d5	1.558	69	219323	94.796	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	459474	95.186	ug/L	0.00
21) 2-Butanone-d5	3.870	46	412061	206.953	ug/L	0.00
24) Chloroform-d	4.346	84	523756	98.494	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	306400	99.562	ug/L	0.00
32) Benzene-d6	5.050	84	1066138	99.044	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	331485	99.066	ug/L	0.00
41) Toluene-d8	7.316	98	1013932	101.649	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	167013	101.847	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	293085	253.720	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	450138	107.326	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	417385	96.107	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	270308	92.988	ug/L	100
3) Chloromethane	1.240	50	281109	92.691	ug/L	99
5) Vinyl chloride	1.307	62	286505	95.506	ug/L	99
6) Bromomethane	1.506	94	165831	92.557	ug/L	99
8) Chloroethane	1.577	64	175496	97.251	ug/L	99
9) Trichlorofluoromethane	1.748	101	411852	99.859	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	243583	102.640	ug/L	99
12) 1,1-Dichloroethene	2.114	96	225748	99.972	ug/L	92
13) Acetone	2.159	43	320108m	210.000	ug/L	
14) Carbon disulfide	2.288	76	701584	95.028	ug/L	99
15) Methyl Acetate	2.426	43	305323	107.795	ug/L	99
16) Methylene chloride	2.503	84	297930	94.647	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	277046	104.608	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	880546	107.431	ug/L	100
19) 1,1-Dichloroethane	3.188	63	487429	103.557	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	311125	101.264	ug/L	99
22) 2-Butanone	3.953	43	457822	209.134	ug/L	95
23) Bromochloromethane	4.246	128	165108	101.153	ug/L	98
25) Chloroform	4.374	83	516347	101.351	ug/L	99
27) 1,2-Dichloroethane	5.130	62	352241	98.581	ug/L	98
29) Cyclohexane	4.677	56	430142	97.568	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	452932	100.031	ug/L	99
31) Carbon tetrachloride	4.828	117	394751	100.860	ug/L	100
33) Benzene	5.098	78	1095134	98.391	ug/L	100
34) Trichloroethene	5.915	95	301485	94.048	ug/L	98
35) Methylcyclohexane	6.130	83	459210	99.051	ug/L	99
37) 1,2-Dichloropropane	6.172	63	284437	100.386	ug/L	100
38) Bromodichloromethane	6.509	83	378600	101.724	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	456994	101.557	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	793340	202.320	ug/L	99
42) Toluene	7.387	91	1195152	100.324	ug/L	99

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8/30/2021 10:21:50 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.651	75	437538	103.882	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	288653	101.504	ug/L	99
46) Tetrachloroethene	7.976	164	243366	102.021	ug/L	98
48) 2-Hexanone	8.140	43	615458	203.080	ug/L	99
49) Dibromochloromethane	8.249	129	326345	104.804	ug/L	99
50) 1,2-Dibromoethane	8.352	107	315134	101.654	ug/L	99
51) Chlorobenzene	8.882	112	794307	101.524	ug/L	99
52) Ethylbenzene	9.014	91	1302445	102.268	ug/L	99
53) m,p-Xylene	9.140	106	509258	102.889	ug/L	100
54) o-Xylene	9.545	106	498029	101.917	ug/L	97
55) Styrene	9.561	104	867736	105.536	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	444453	111.198	ug/L	99
59) Bromoform	9.731	173	243743	102.744	ug/L	99
60) Isopropylbenzene	9.934	105	1326004	97.651	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	354092	94.047	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	1132531	99.426	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	1161422	100.407	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	674248	101.927	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	675002	101.696	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	656489	98.546	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	99509	108.754	ug/L	96
69) 1,3,5-Trichlorobenzene	12.647	180	513917	106.610	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	468789	115.132	ug/L	100
71) Naphthalene	13.503	128	1429877	120.815	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	455173	111.505	ug/L	100

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