Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082121\
Data File : VX023870.D
Acq On : 20 Aug 2021 11:19
Operator : JC/MD
Sample : M3263-02
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 21 04:11:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 21 04:11:10 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT4-2021-08

Manual Integrations APPROVED
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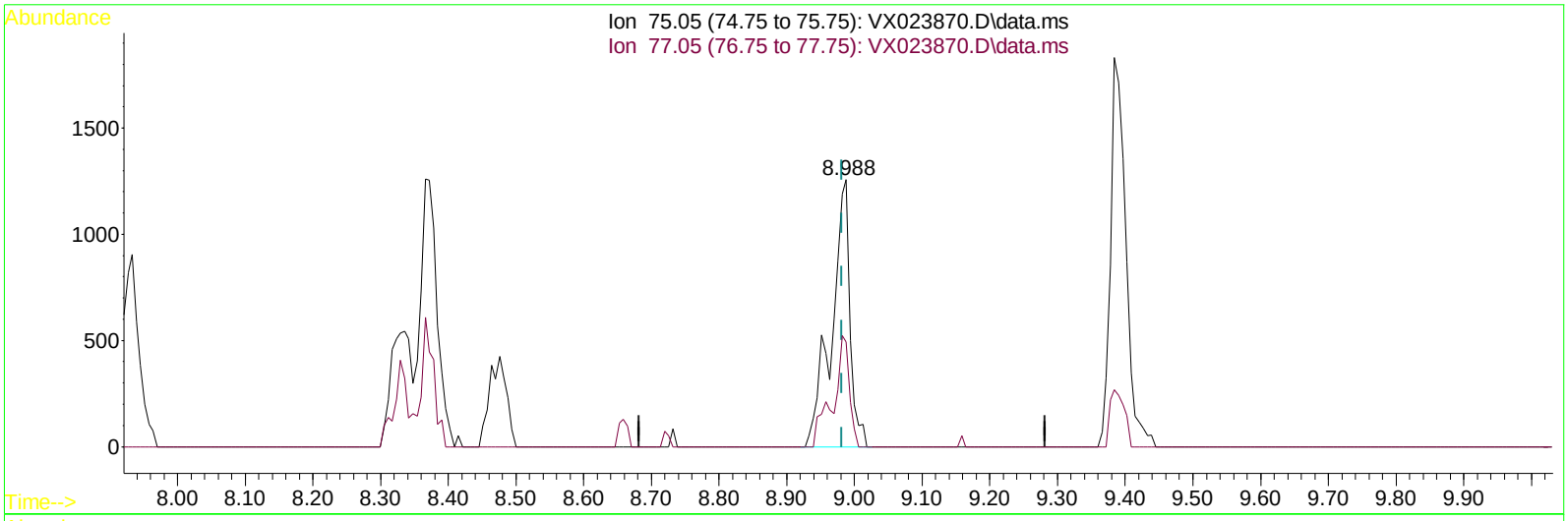

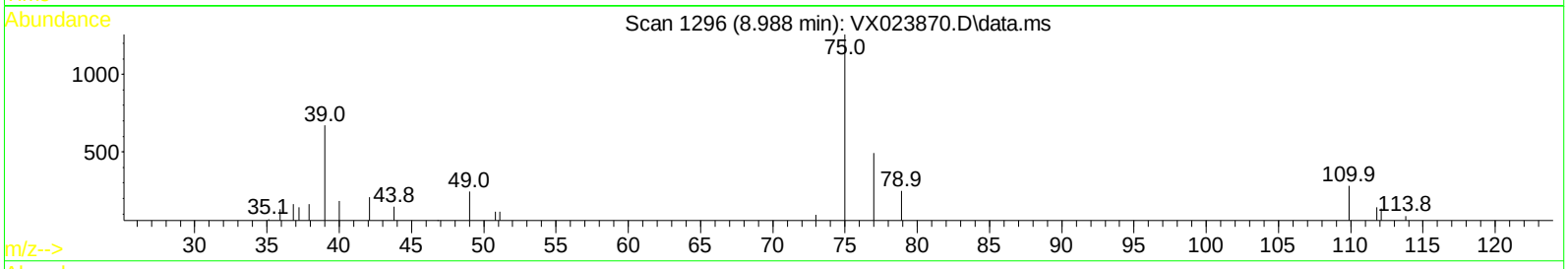

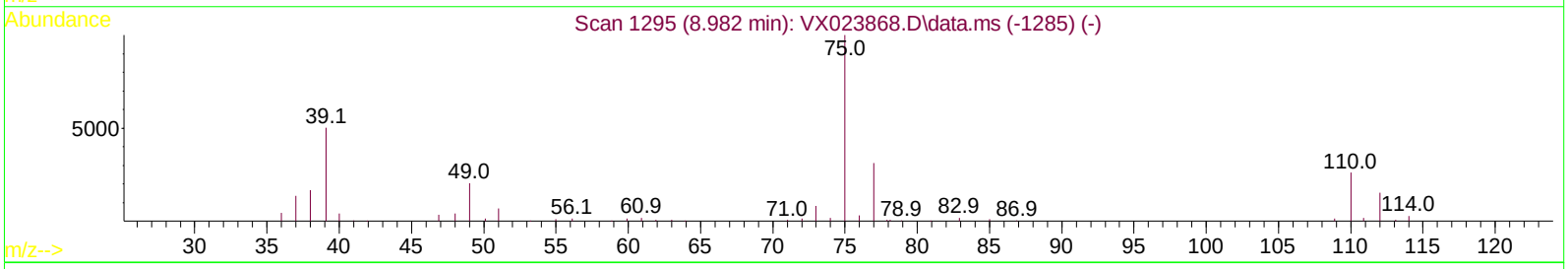

TIC: VX023870.D\data.ms

(44) trans-1,3-Dichloropropene (T)

8.988min (+ 0.006) 0.27 ug/L

response 2387

Ion	Exp%	Act%
75.05	100.00	100.00
77.05	31.00	39.30
0.00	0.00	0.00
0.00	0.00	0.00

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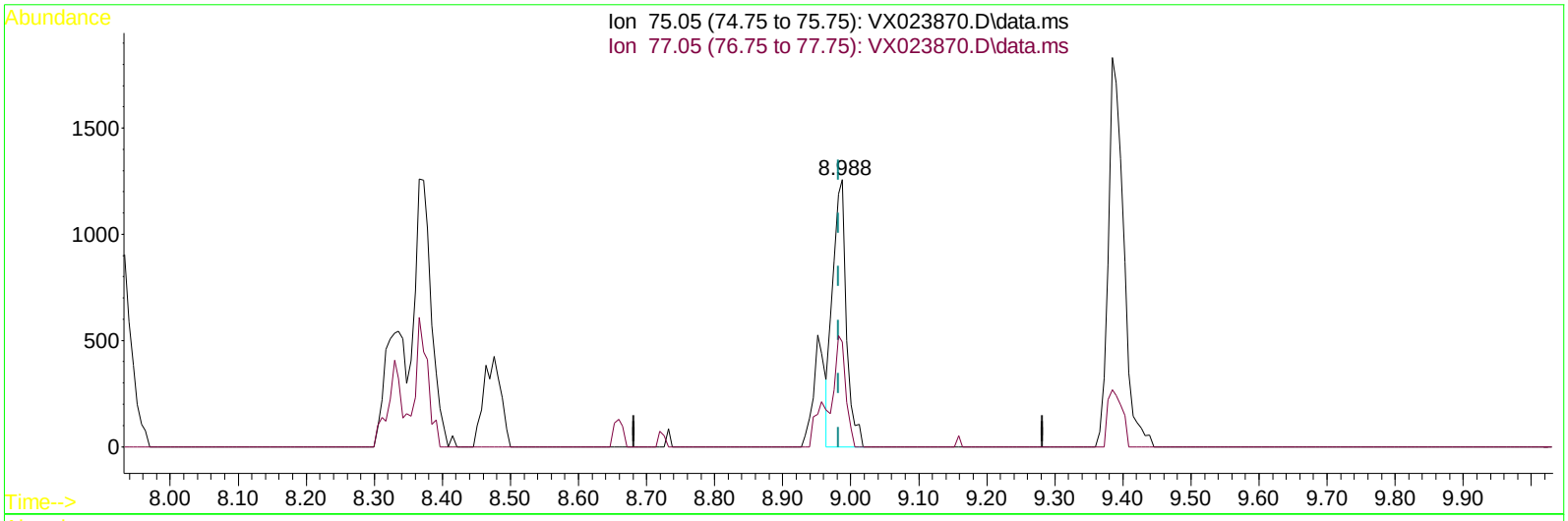

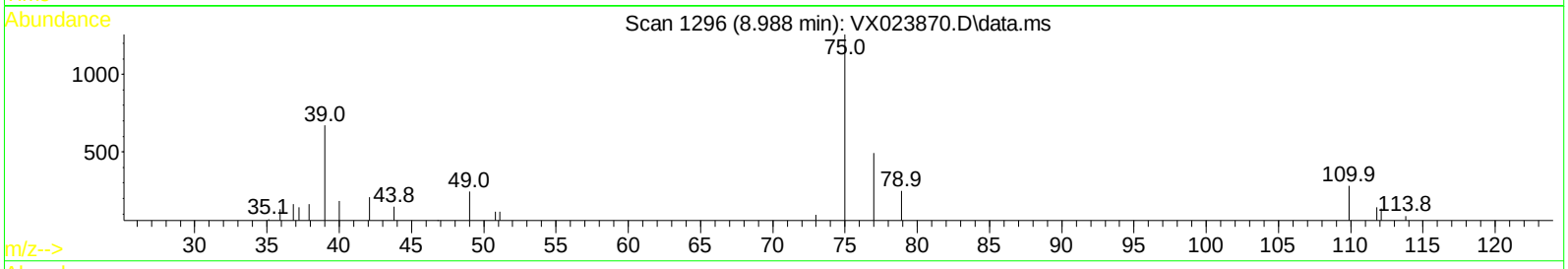

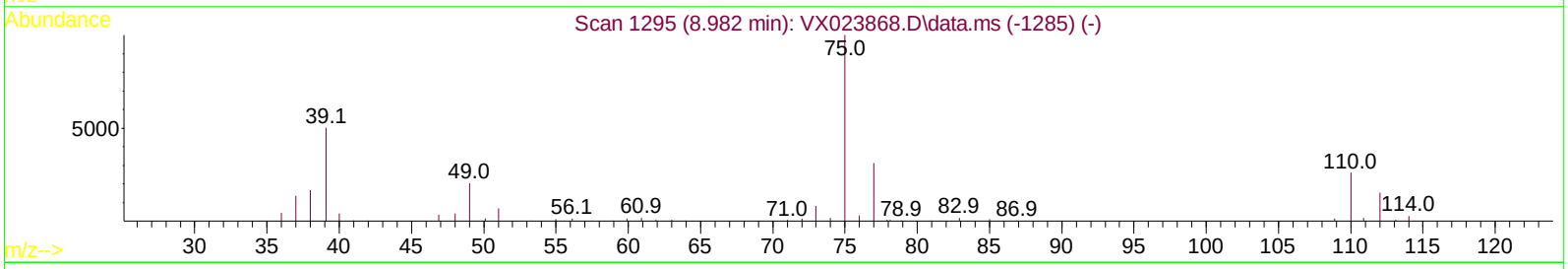

TIC: VX023870.D\data.ms

(44) trans-1,3-Dichloropropene (T)

8.988min (+ 0.006) 0.20 ug/L m

response 1766

Ion	Exp%	Act%
75.05	100.00	100.00
77.05	31.00	39.30
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	115455	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	106622	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	53330	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.373	65	21283	4.718	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.400%			
7) Chloroethane-d5	1.672	69	28147	5.090	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.800%			
11) 1,1-Dichloroethene-d2	2.312	63	48946	3.621	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.400%			
20) 2-Butanone-d5	4.464	46	90509	49.478	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.960%			
24) Chloroform-d	5.068	84	78674	5.066	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.400%			
26) 1,2-Dichloroethane-d4	5.964	65	41290	4.921	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.400%			
32) Benzene-d6	5.982	84	154931	5.230	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.600%			
36) 1,2-Dichloropropane-d6	7.317	67	48872	5.286	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.800%			
41) Toluene-d8	8.653	98	140850	5.002	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.000%			
43) trans-1,3-Dichloroprop...	8.951	79	12846	4.992	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.800%			
46) 2-Hexanone-d5	9.390	63	71276	50.229	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.460%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	32920	4.975	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.600%			
66) 1,2-Dichlorobenzene-d4	12.323	152	52116	5.204	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	2584	0.229	ug/L	96
3) Chloromethane	1.294	50	2022	0.219	ug/L	87
5) Vinyl chloride	1.373	62	2003	0.211	ug/L #	73
6) Bromomethane	1.623	94	1486	0.249	ug/L	92
8) Chloroethane	1.697	64	1352	0.235	ug/L	87
9) Trichlorofluoromethane	1.892	101	3210	0.218	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	2229	0.277	ug/L	87
12) 1,1-Dichloroethene	2.318	96	1933	0.253	ug/L #	1
13) Acetone	2.392	43	2627	2.306	ug/L	87
14) Carbon disulfide	2.520	76	4576	0.223	ug/L #	92
15) Methyl Acetate	2.709	43	769	0.254	ug/L #	83
16) Methylene chloride	2.794	84	5981	0.592	ug/L	86
17) Methyl tert-butyl Ether	3.123	73	3335	0.196	ug/L #	83
18) trans-1,2-Dichloroethene	3.099	96	1654	0.210	ug/L	89
19) 1,1-Dichloroethane	3.629	63	3156	0.223	ug/L #	86
21) 2-Butanone	4.574	43	3959	2.078	ug/L	77
22) cis-1,2-Dichloroethene	4.507	96	1974	0.233	ug/L	86
23) Bromochloromethane	4.909	128	871	0.239	ug/L #	94

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	5.111	83	5380	0.355	ug/L		96
27) 1,2-Dichloroethane	6.110	62	2124	0.229	ug/L	#	73
29) 1,1,1-Trichloroethane	5.379	97	2617	0.203	ug/L		95
30) Cyclohexane	5.470	56	2584	0.200	ug/L		94
31) Carbon tetrachloride	5.690	117	2028	0.183	ug/L	#	79
33) Benzene	6.049	78	6686	0.210	ug/L		100
34) Trichloroethene	7.135	95	1977	0.227	ug/L		92
35) Methylcyclohexane	7.385	83	2696	0.200	ug/L		97
37) 1,2-Dichloropropane	7.439	63	1827	0.231	ug/L	#	89
38) Bromodichloromethane	7.824	83	1979	0.213	ug/L	#	91
39) cis-1,3-Dichloropropene	8.366	75	2163	0.201	ug/L	#	68
40) 4-Methyl-2-pentanone	8.579	43	8462	1.843	ug/L	#	79
42) Toluene	8.720	91	9416	0.274	ug/L		93
44) trans-1,3-Dichloropropene	8.988	75	1766m	0.199	ug/L		
45) 1,1,2-Trichloroethane	9.153	97	1099	0.203	ug/L		93
47) Tetrachloroethene	9.281	164	1457	0.208	ug/L		90
48) 2-Hexanone	9.439	43	7090	2.152	ug/L	#	89
49) Dibromochloromethane	9.531	129	1125	0.194	ug/L		94
50) 1,2-Dibromoethane	9.616	107	989	0.198	ug/L	#	88
51) Chlorobenzene	10.085	112	4643	0.208	ug/L		95
52) Ethylbenzene	10.195	91	7144	0.194	ug/L		91
53) m,p-xylene	10.305	106	2804	0.192	ug/L		93
54) o-xylene	10.646	106	2605	0.186	ug/L		97
55) Styrene	10.658	104	4311	0.185	ug/L		98
57) 1,1,2,2-Tetrachloroethane	11.219	83	1346	0.220	ug/L	#	86
59) Bromoform	10.805	173	480	0.171	ug/L	#	87
60) Isopropylbenzene	10.963	105	6700	0.187	ug/L	#	95
61) 1,2,3-Trichloropropane	11.244	75	975	0.224	ug/L		94
62) 1,3,5-Trimethylbenzene	11.451	105	5437	0.185	ug/L		99
63) 1,2,4-Trimethylbenzene	11.756	105	5565	0.186	ug/L		99
64) 1,3-Dichlorobenzene	11.975	146	3744	0.223	ug/L		88
65) 1,4-Dichlorobenzene	12.042	146	3632	0.216	ug/L		94
67) 1,2-Dichlorobenzene	12.341	146	3432	0.223	ug/L		93
68) 1,2-Dibromo-3-chloropr...	12.951	75	131	0.153	ug/L	#	79
69) 1,3,5-Trichlorobenzene	13.115	180	2653	0.211	ug/L		99
70) 1,2,4-trichlorobenzene	13.597	180	1973	0.197	ug/L		93
71) Naphthalene	13.780	128	2760	0.163	ug/L		98
72) 1,2,3-Trichlorobenzene	13.963	180	1933	0.210	ug/L		87

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

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