

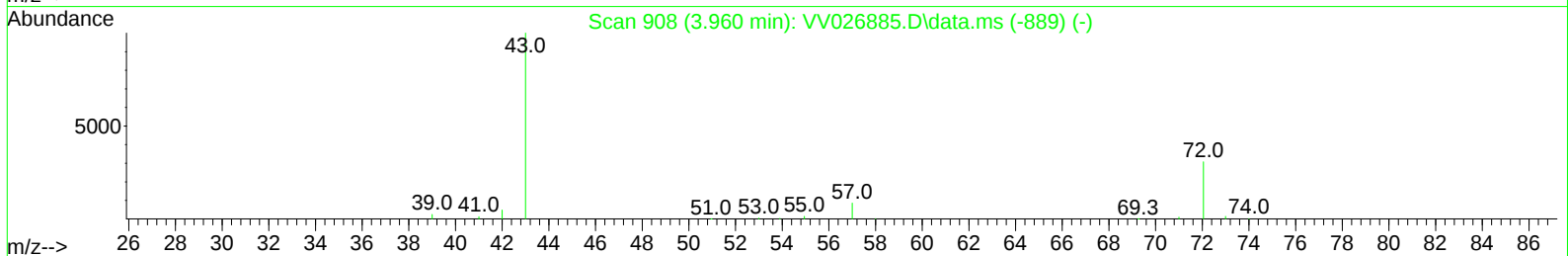
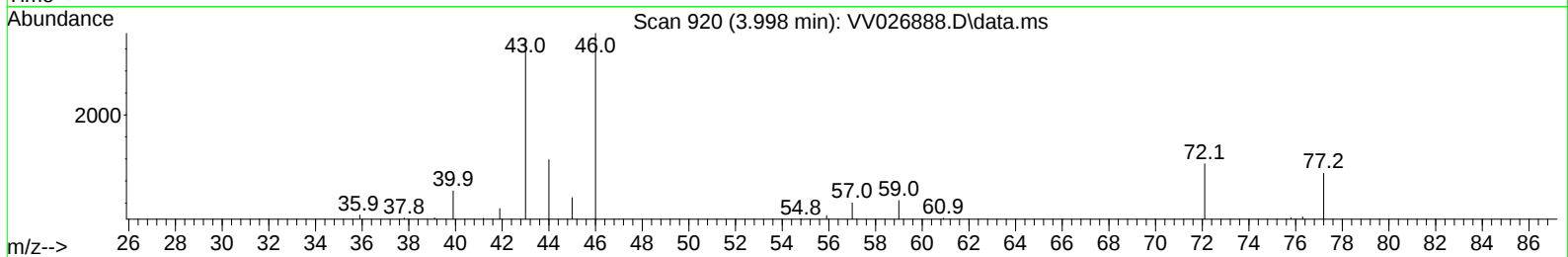
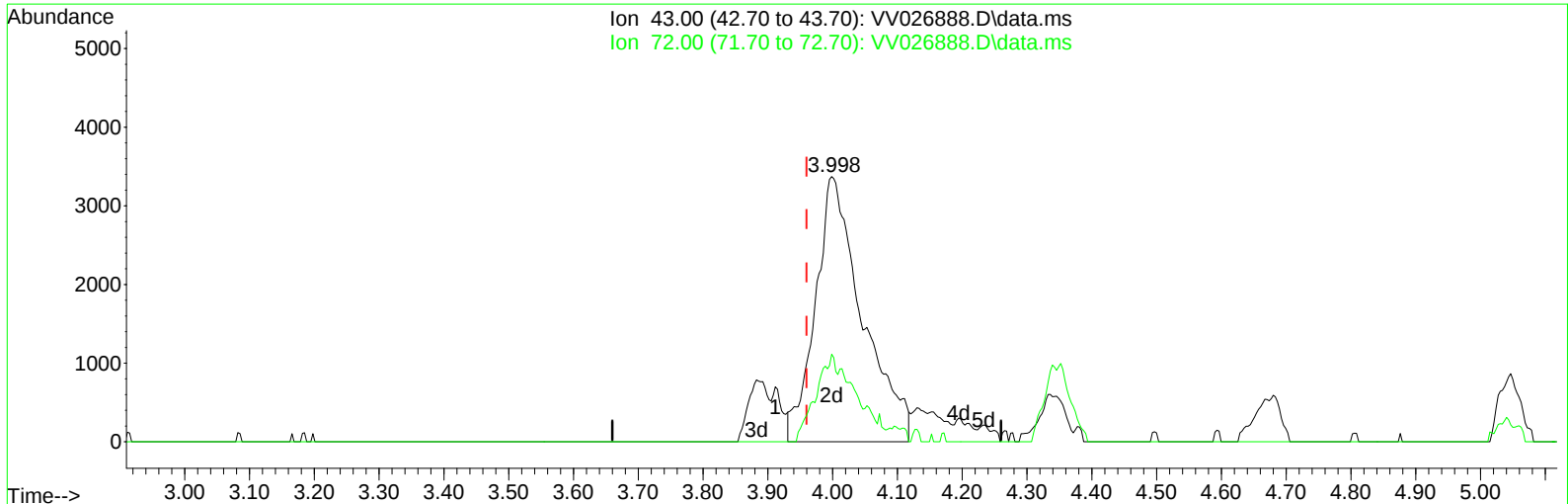
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072222\
 Data File : VV026888.D
 Acq On : 22 Jul 2022 15:32
 Operator : SY/MD
 Sample : N3670-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2022-03

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 07/23/2022
 Supervised By :Semsettin Yesilyurt 07/24/2022

Quant Time: Jul 23 04:54:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 23 00:23:15 2022
 Response via : Initial Calibration



TIC: VV026888.D\data.ms

(22) 2-Butanone (T)

3.998min (+ 0.038) 5.64 ug/L m

response 16970

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.70	3.48#
0.00	0.00	0.00
0.00	0.00	0.00

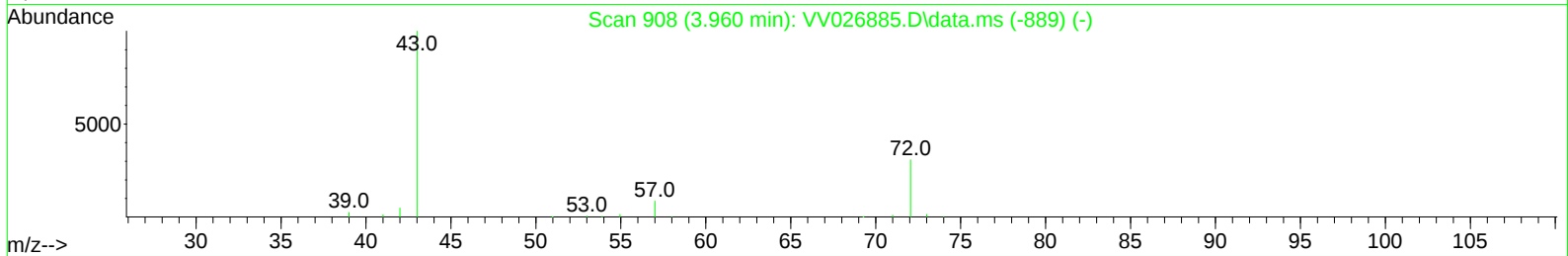
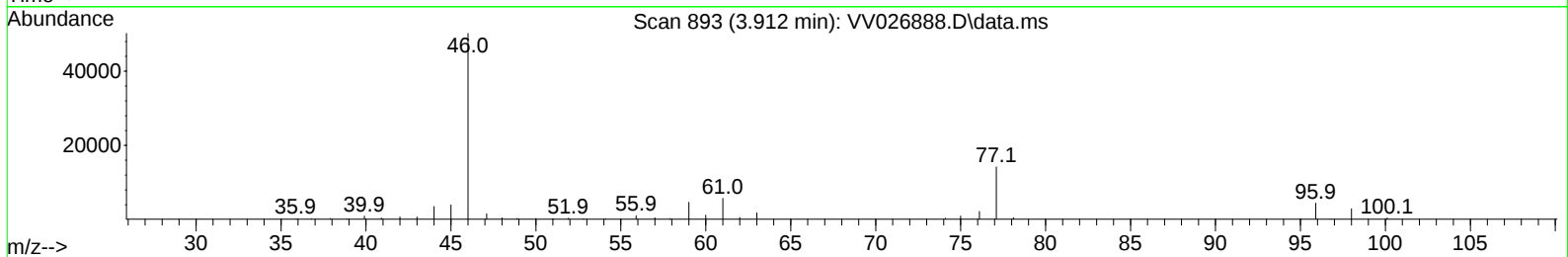
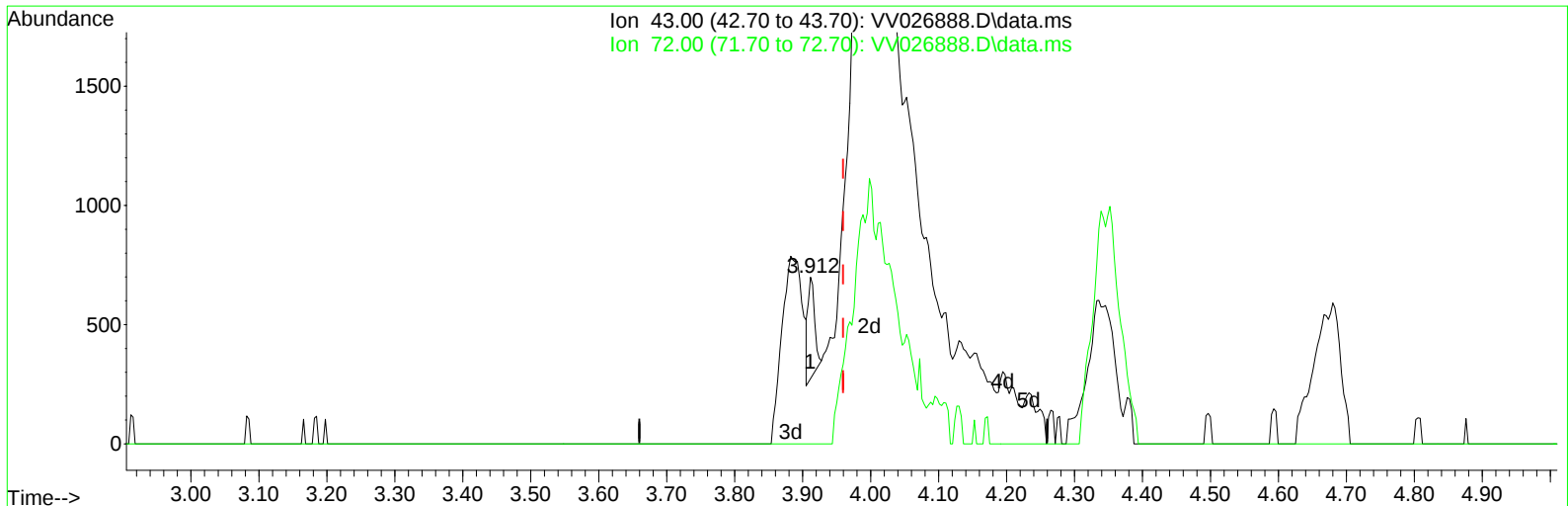
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TIC: VV026888.D\data.ms

(22) 2-Butanone (T)

3.912min (-0.048) 0.10 ug/L

response 289

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.70	204.15#
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	555863	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	559057	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	253943	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	224720	48.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.400%
7) Chloroethane-d5	1.564	69	186290	49.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.780%
11) 1,1-Dichloroethene-d2	2.101	63	308808	36.818	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.640%
21) 2-Butanone-d5	3.883	46	339492	108.034	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.030%
24) Chloroform-d	4.346	84	441371	48.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.027	65	264474	50.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.780%
32) Benzene-d6	5.047	84	880309	52.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.180%
36) 1,2-Dichloropropane-d6	6.066	67	286120	52.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.080%
41) Toluene-d8	7.313	98	727598	49.208	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.420%
43) trans-1,3-Dichloroprop...	7.619	79	113524	49.749	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.500%
47) 2-Hexanone-d5	8.088	63	256411	108.133	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.130%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	416218	50.310	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.620%
66) 1,2-Dichlorobenzene-d4	11.622	152	269468	56.562	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	13759	2.396	ug/L	94
3) Chloromethane	1.240	50	14103	2.626	ug/L	95
5) Vinyl chloride	1.307	62	14505	2.541	ug/L #	76
6) Bromomethane	1.519	94	9607	2.785	ug/L	99
8) Chloroethane	1.580	64	8435	2.515	ug/L	96
9) Trichlorofluoromethane	1.748	101	18979	2.412	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	13609	2.958	ug/L	89
12) 1,1-Dichloroethene	2.111	96	13077	3.043	ug/L #	1
13) Acetone	2.175	43	12028	5.451	ug/L	94
14) Carbon disulfide	2.288	76	30819	2.513	ug/L	99
15) Methyl Acetate	2.439	43	11670	2.398	ug/L	98
16) Methylene chloride	2.503	84	19197	3.504	ug/L	91
17) trans-1,2-Dichloroethene	2.757	96	11225	2.472	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	28461	2.256	ug/L	96
19) 1,1-Dichloroethane	3.188	63	19907	2.380	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	11675	2.439	ug/L	96
22) 2-Butanone	3.998	43	16970m	5.639	ug/L	
23) Bromochloromethane	4.252	128	6421	2.343	ug/L	96
25) Chloroform	4.371	83	25427	2.850	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	14350	2.280	ug/L	100
29) Cyclohexane	4.674	56	12773	2.185	ug/L #	62
30) 1,1,1-Trichloroethane	4.606	97	17282	2.340	ug/L	98
31) Carbon tetrachloride	4.828	117	15430	2.386	ug/L	97
33) Benzene	5.101	78	44158	2.456	ug/L	100
34) Trichloroethene	5.918	95	10877	2.354	ug/L	97
35) Methylcyclohexane	6.127	83	15173	2.218	ug/L	99
37) 1,2-Dichloropropane	6.175	63	11011	2.353	ug/L #	94
38) Bromodichloromethane	6.516	83	15204	2.397	ug/L	97
39) cis-1,3-Dichloropropene	7.034	75	14701	2.264	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	23561	4.231	ug/L	97
42) Toluene	7.390	91	44675	2.434	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	15748	2.459	ug/L	91
45) 1,1,2-Trichloroethane	7.844	97	12451	2.499	ug/L	98
46) Tetrachloroethene	7.976	164	8294	2.301	ug/L	92
48) 2-Hexanone	8.146	43	25349	5.849	ug/L	96
49) Dibromochloromethane	8.249	129	12139	2.331	ug/L	88
50) 1,2-Dibromoethane	8.358	107	13464	2.641	ug/L	91
51) Chlorobenzene	8.882	112	30451	2.381	ug/L	94
52) Ethylbenzene	9.014	91	39941	2.097	ug/L	95
53) m,p-Xylene	9.140	106	13888	1.862	ug/L	99
54) o-Xylene	9.545	106	13483	1.877	ug/L	90
55) Styrene	9.567	104	22350	1.762	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	21336	2.652	ug/L #	96
59) Bromoform	9.731	173	7702	2.715	ug/L	98
60) Isopropylbenzene	9.931	105	35070	2.337	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	15759	3.093	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	26474	2.171	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	25703	2.101	ug/L	96
64) 1,3-Dichlorobenzene	11.185	146	19431	2.534	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	21373	2.631	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	22326	2.838	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.429	75	3788	2.782	ug/L	91
69) 1,3,5-Trichlorobenzene	12.647	180	13066	2.407	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	10771	2.355	ug/L	99
71) Naphthalene	13.503	128	29456	2.048	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	11197	2.347	ug/L	97

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