

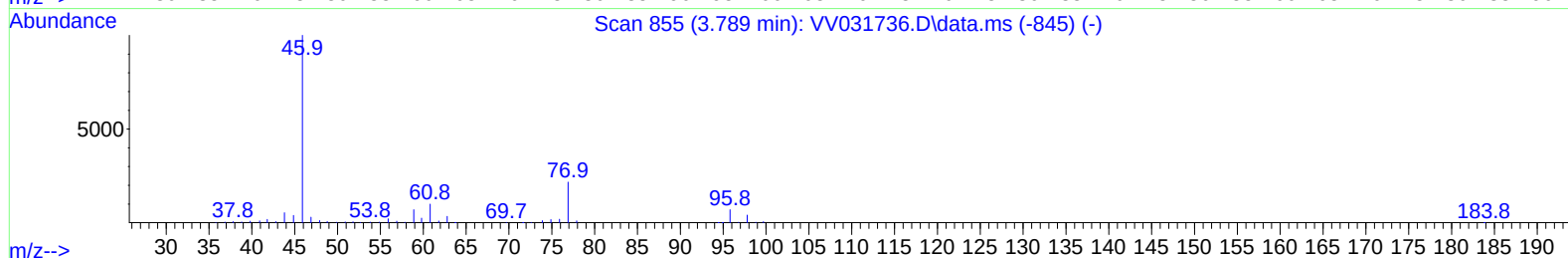
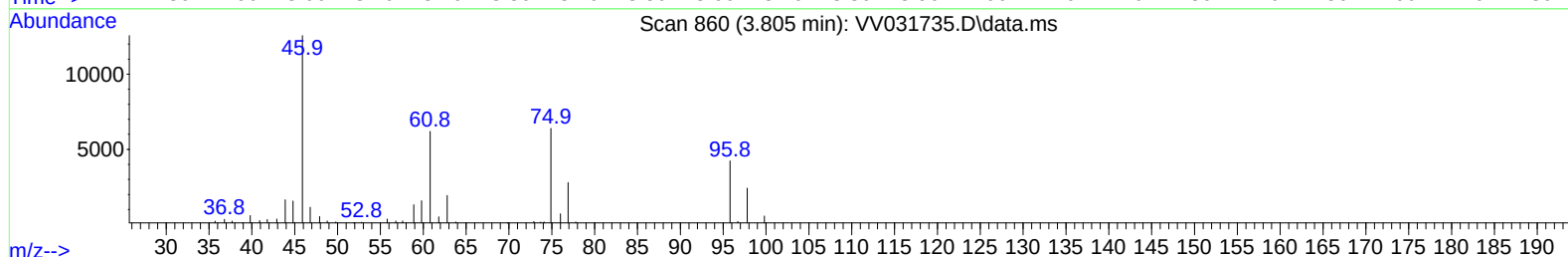
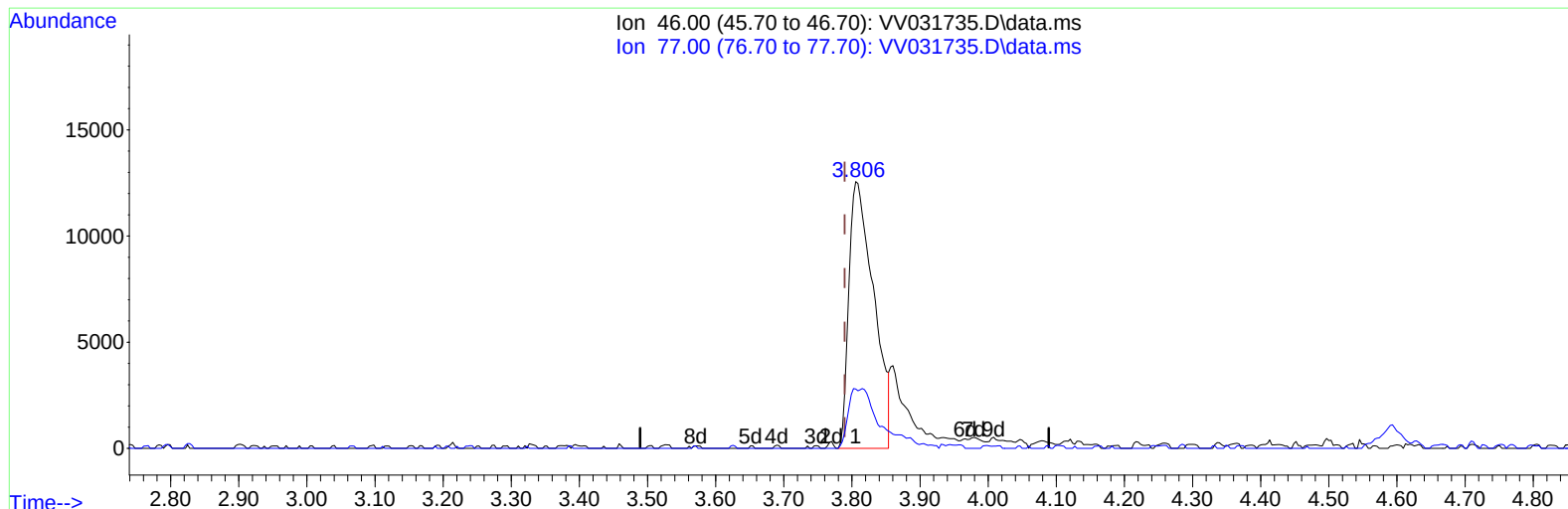
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072523\
 Data File : VV031735.D
 Acq On : 25 Jul 2023 09:32
 Operator : SY/MD
 Sample : VSTD01048
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010248

Manual IntegrationsAPPROVED

Quant Time: Jul 26 02:06:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 26 02:05:21 2023
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/27/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023



TIC: VV031735.D\data.ms

(21) 2-Butanone-d5 (S)

3.805min (+ 0.016) 19.70 ug/L

response 31798

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	24.20	9.37#
0.00	0.00	0.00
0.00	0.00	0.00

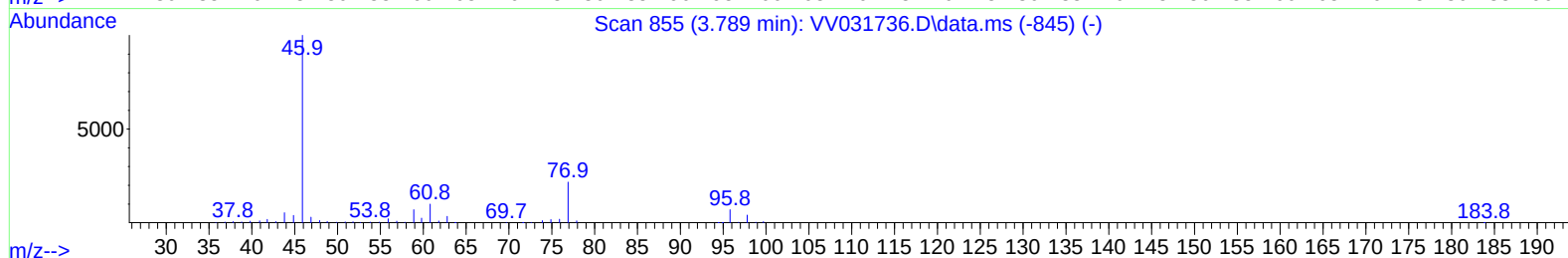
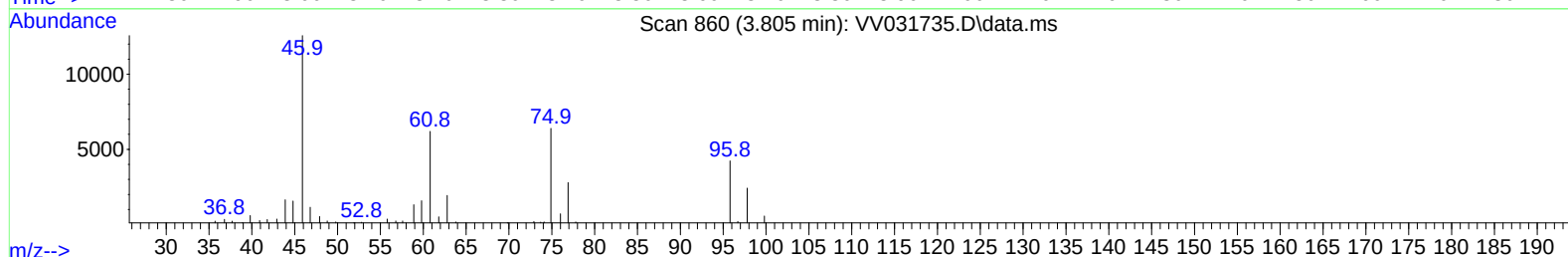
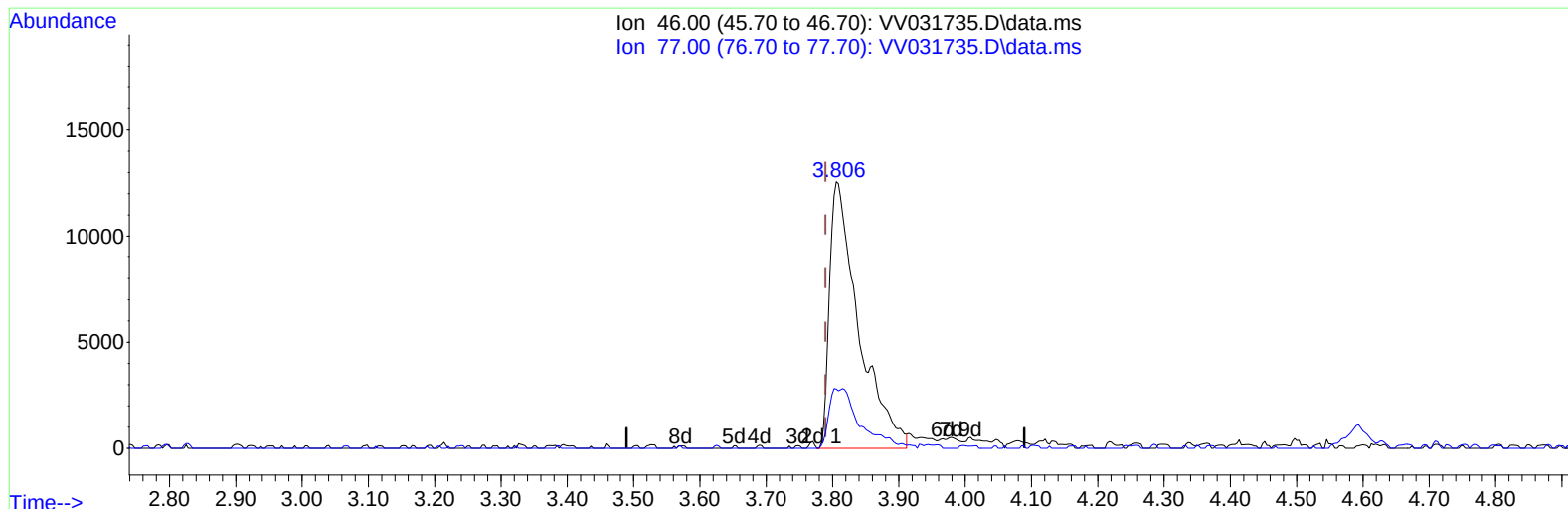
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TIC: VV031735.D\data.ms

(21) 2-Butanone-d5 (S)

3.805min (+ 0.016) 23.69 ug/L m

response 38229

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	24.20	7.79#
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	5.542	114	265651	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	290338	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	157963	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31849	12.977	ug/L	0.00
7) Chloroethane-d5	1.532	69	29275	16.356	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	14570	13.381	ug/L	0.00
21) 2-Butanone-d5	3.805	46	38229m	23.689	ug/L	0.02
24) Chloroform-d	4.259	84	62129	12.671	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	38415	12.429	ug/L	0.00
32) Benzene-d6	4.969	84	91882	10.444	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	36277	12.593	ug/L	0.00
41) Toluene-d8	7.249	98	72693	9.376	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	14008	9.906	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	18781	16.545	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	50652	11.762	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	33168	11.396	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	35673	11.015	ug/L	98
3) Chloromethane	1.217	50	37039	10.967	ug/L	98
5) Vinyl chloride	1.285	62	35238	11.059	ug/L	99
6) Bromomethane	1.487	94	25748	13.830	ug/L	88
8) Chloroethane	1.552	64	24190	13.683	ug/L	96
9) Trichlorofluoromethane	1.716	101	60399	13.080	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	34947	13.137	ug/L	94
12) 1,1-Dichloroethene	2.072	96	29568	12.901	ug/L	93
13) Acetone	2.114	43	37664	28.624	ug/L	97
14) Carbon disulfide	2.243	76	70138	9.656	ug/L	97
15) Methyl Acetate	2.378	43	33661	11.682	ug/L	98
16) Methylene chloride	2.452	84	32561	11.969	ug/L	94
17) trans-1,2-Dichloroethene	2.699	96	22942	9.926	ug/L	94
18) Methyl tert-butyl Ether	2.709	73	70431	9.813	ug/L	92
19) 1,1-Dichloroethane	3.117	63	58539	12.078	ug/L	97
20) cis-1,2-Dichloroethene	3.825	96	24916	10.312	ug/L	89
22) 2-Butanone	3.886	43	34507	18.700	ug/L	76
23) Bromochloromethane	4.156	128	15085	11.623	ug/L #	88
25) Chloroform	4.285	83	60569	12.168	ug/L	100
27) 1,2-Dichloroethane	5.053	62	46665	12.567	ug/L	97
29) Cyclohexane	4.587	56	30853	8.300	ug/L	95
30) 1,1,1-Trichloroethane	4.523	97	54784	11.984	ug/L	94
31) Carbon tetrachloride	4.741	117	45248	11.286	ug/L	98
33) Benzene	5.018	78	99247	9.980	ug/L	100
34) Trichloroethene	5.841	95	33550	11.834	ug/L	96
35) Methylcyclohexane	6.056	83	29905	8.096	ug/L	93
37) 1,2-Dichloropropane	6.104	63	29490	10.517	ug/L #	97
38) Bromodichloromethane	6.442	83	46197	12.207	ug/L	100
39) cis-1,3-Dichloropropene	6.966	75	35063	8.357	ug/L	88
40) 4-Methyl-2-pentanone	7.165	43	66990	18.927	ug/L #	92
42) Toluene	7.323	91	96885	9.505	ug/L	99
44) trans-1,3-Dichloropropene	7.593	75	37174	8.880	ug/L	98

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

45) 1,1,2-Trichloroethane	7.776	97	31785	11.451	ug/L	88
46) Tetrachloroethene	7.911	164	20787	9.984	ug/L	95
48) 2-Hexanone	8.085	43	50273	16.985	ug/L #	93
49) Dibromochloromethane	8.182	129	32930	10.816	ug/L	93
50) 1,2-Dibromoethane	8.288	107	33582	11.074	ug/L #	91
51) Chlorobenzene	8.821	112	70178	10.383	ug/L	99
52) Ethylbenzene	8.953	91	95476	8.628	ug/L	99
53) m,p-Xylene	9.079	106	33359	8.245	ug/L	93
54) o-Xylene	9.484	106	31701	8.400	ug/L	94
55) Styrene	9.503	104	54525	7.846	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	42854	10.213	ug/L	98
59) Bromoform	9.670	173	22345	11.214	ug/L #	98
60) Isopropylbenzene	9.873	105	84547	8.824	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	42371	12.719	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	65716	8.451	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	64936	8.369	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	51214	10.304	ug/L	95
65) 1,4-Dichlorobenzene	11.214	146	54634	10.144	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	52294	10.222	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.371	75	10833	10.881	ug/L	95
69) 1,3,5-Trichlorobenzene	12.586	180	35997	9.785	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	30842	9.450	ug/L	98
71) Naphthalene	13.445	128	75246	7.822	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	33048	9.550	ug/L	97

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

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