

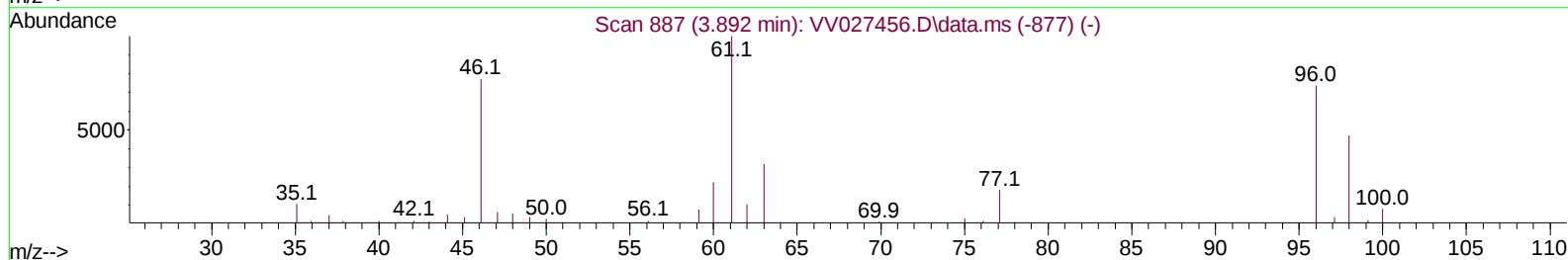
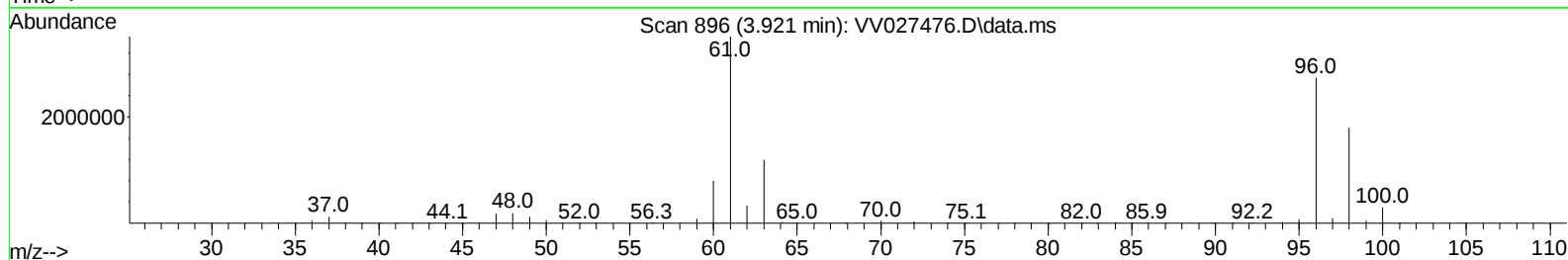
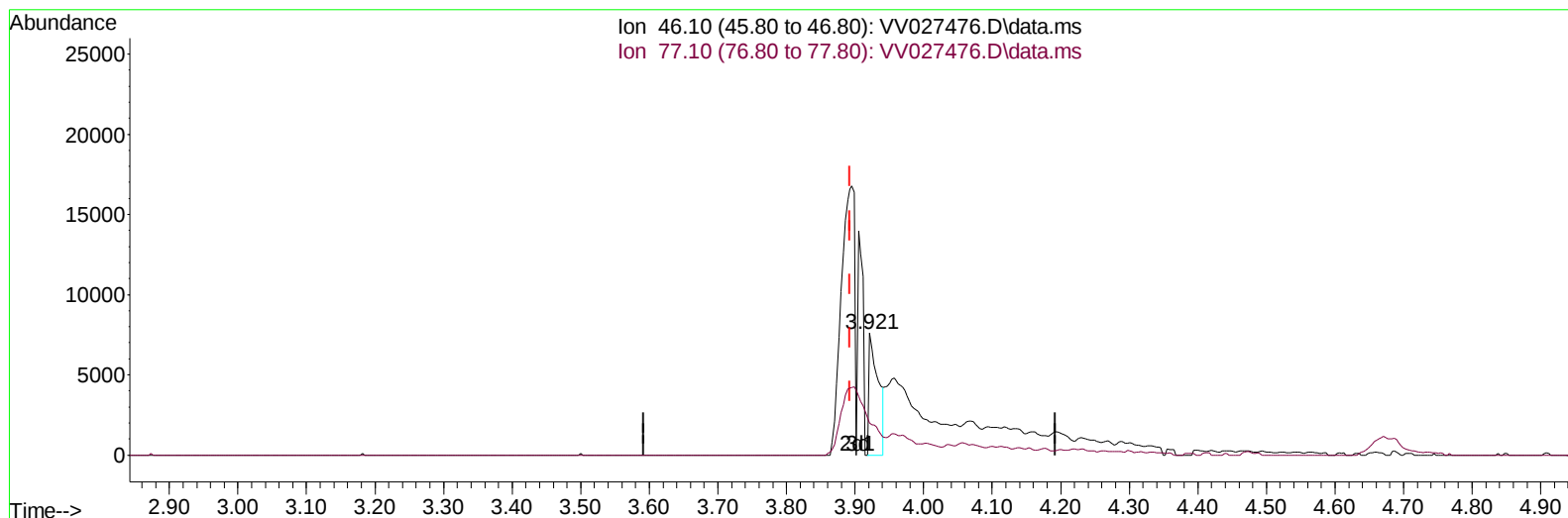
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027476.D
 Acq On : 22 Aug 2022 18:37
 Operator : SY/MD
 Sample : N4252-15MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9D5MS

Manual IntegrationsAPPROVED

Quant Time: Aug 23 03:14:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022



TIC: VV027476.D\data.ms

(20) 2-Butanone-d5 (S)

3.921min (+ 0.029) 7.01 ug/L

response 7325

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	26.10	19.30
0.00	0.00	0.00
0.00	0.00	0.00

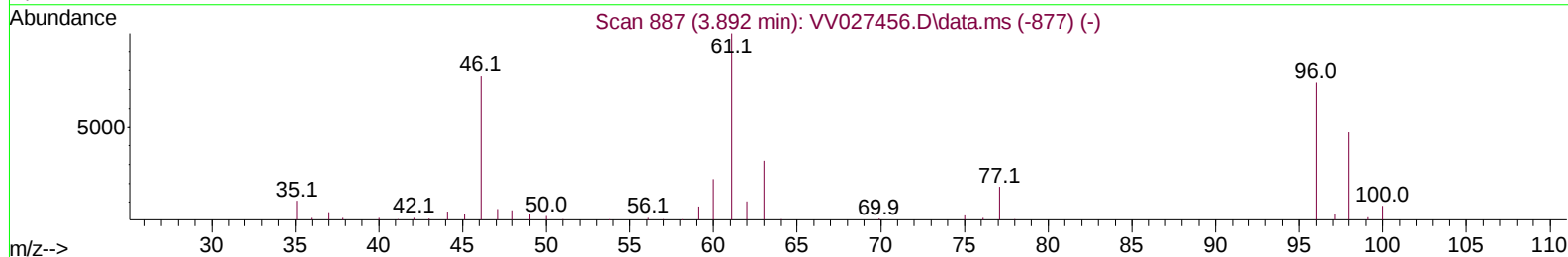
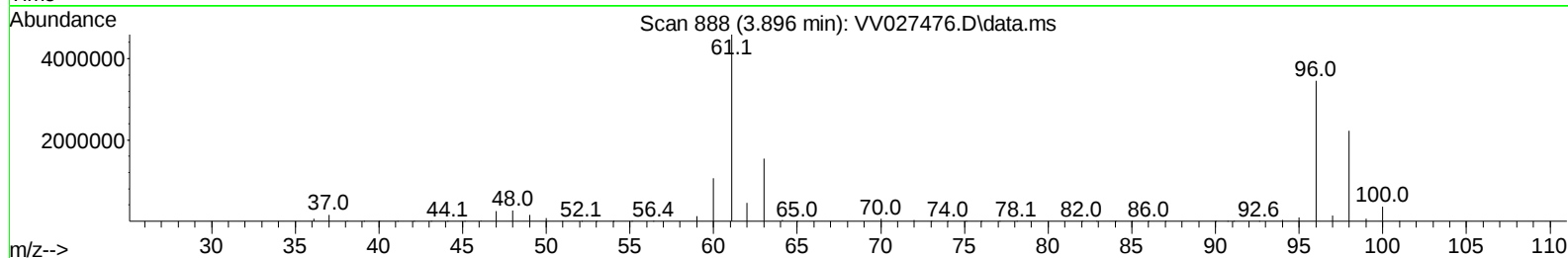
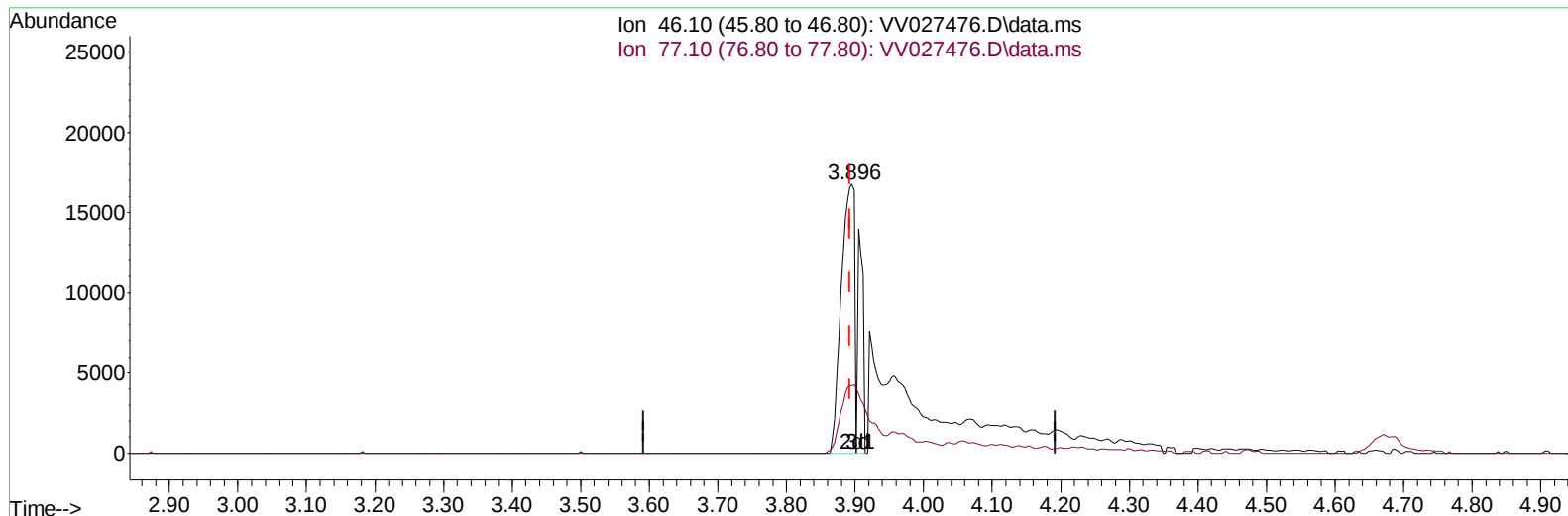
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(20) 2-Butanone-d5 (S)

3.896min (+ 0.003) 28.70 ug/L m

response 29991

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	26.10	4.71#
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Difluorobenzene	5.616	114		117989	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117		117670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152		63842	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.304	65		49878	5.940	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130		Recovery	=	118.800%	
7) Chloroethane-d5	1.564	69		36911	6.006	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130		Recovery	=	120.200%	
11) 1,1-Dichloroethene-d2	2.108	63		114782	5.862	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125		Recovery	=	117.200%	
20) 2-Butanone-d5	3.896	46		29991m	28.698	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130		Recovery	=	57.400%	
24) Chloroform-d	4.346	84		85332	5.082	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125		Recovery	=	101.600%	
26) 1,2-Dichloroethane-d4	5.034	65		35682	4.912	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130		Recovery	=	98.200%	
32) Benzene-d6	5.050	84		155873	4.782	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125		Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	6.069	67		44273	4.672	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140		Recovery	=	93.400%	
41) Toluene-d8	7.313	98		147252	5.004	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130		Recovery	=	100.000%	
43) trans-1,3-Dichloroprop...	7.625	79		15057	4.641	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130		Recovery	=	92.800%	
46) 2-Hexanone-d5	8.092	63		53921	50.487	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130		Recovery	=	100.980%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84		31650	5.245	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120		Recovery	=	104.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152		45248	4.781	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120		Recovery	=	95.600%	
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane	1.127	85		67610	5.400	ug/L	99
3) Chloromethane	1.240	50		55599	5.085	ug/L	100
5) Vinyl chloride	1.307	62		1762626	160.156	ug/L	100
6) Bromomethane	1.519	94		35805	6.579	ug/L	99
8) Chloroethane	1.584	64		47494	7.384	ug/L	95
9) Trichlorofluoromethane	1.751	101		101171	5.786	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101		57232	5.798	ug/L	98
12) 1,1-Dichloroethene	2.118	96		82255	9.214	ug/L	85
13) Acetone	2.185	43		45905	45.996	ug/L	93
14) Carbon disulfide	2.291	76		135108	5.514	ug/L	100
15) Methyl Acetate	2.439	43		11958	4.327	ug/L #	90
16) Methylene chloride	2.503	84		54803	4.072	ug/L	98
17) Methyl tert-butyl Ether	2.770	73		99830	5.405	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96		158247	17.206	ug/L	98
19) 1,1-Dichloroethane	3.188	63		121199	6.366	ug/L	99
21) 2-Butanone	3.982	43		62470	47.034	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96		10337744	1054.725	ug/L	98
23) Bromochloromethane	4.249	128		21927	5.073	ug/L	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.375	83	113698	5.492	ug/L	97
27) 1,2-Dichloroethane	5.133	62	56192	5.342	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	106485	5.896	ug/L	97
30) Cyclohexane	4.674	56	70885	5.113	ug/L	97
31) Carbon tetrachloride	4.825	117	87435	5.567	ug/L	95
33) Benzene	5.098	78	222078	5.676	ug/L	100
34) Trichloroethene	5.912	95	5755571	559.026	ug/L	98
35) Methylcyclohexane	6.130	83	85280	5.889	ug/L	95
37) 1,2-Dichloropropane	6.172	63	55789	5.349	ug/L	100
38) Bromodichloromethane	6.510	83	75186	5.685	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	64601	5.137	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	256489	55.037	ug/L	97
42) Toluene	7.384	91	233952	5.793	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	56969	5.358	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	39126	5.868	ug/L	91
47) Tetrachloroethene	7.976	164	44737	5.578	ug/L	96
48) 2-Hexanone	8.140	43	186472	55.530	ug/L	97
49) Dibromochloromethane	8.246	129	46315	5.648	ug/L	98
50) 1,2-Dibromoethane	8.352	107	33542	5.763	ug/L #	98
51) Chlorobenzene	8.879	112	143283	5.482	ug/L	99
52) Ethylbenzene	9.011	91	223332	5.418	ug/L	98
53) m,p-Xylene	9.137	106	87136	5.524	ug/L	98
54) o-Xylene	9.542	106	83607	5.464	ug/L	98
55) Styrene	9.561	104	153094	5.881	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	43945	5.851	ug/L	99
59) Bromoform	9.731	173	24315	5.683	ug/L	99
60) Isopropylbenzene	9.931	105	234361	5.579	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	30941	5.525	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	59718	5.127	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	169578	5.167	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	112680	5.444	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	111523	5.405	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	102699	5.473	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	6655	5.348	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	82154	5.318	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	58664	5.225	ug/L	100
71) Naphthalene	13.500	128	80470	5.192	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54971	5.513	ug/L	97

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

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