

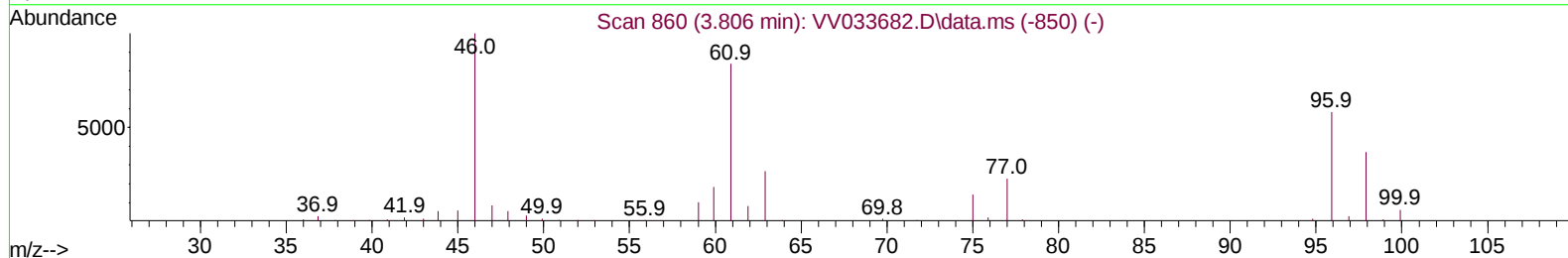
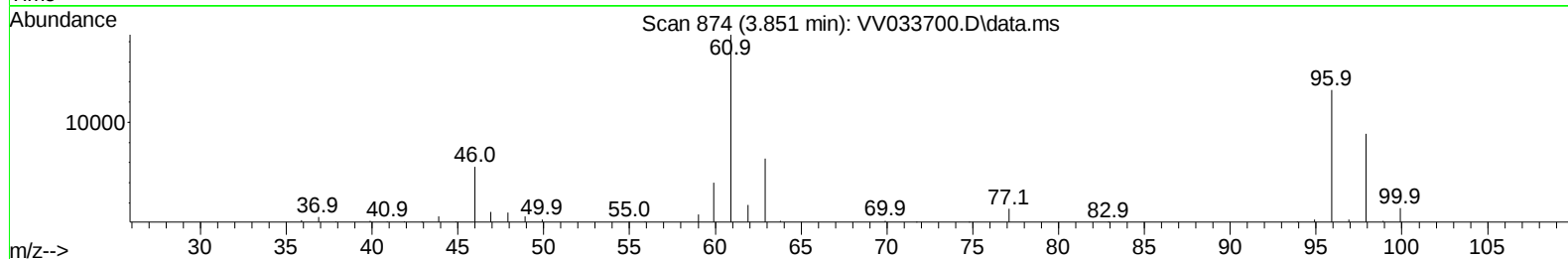
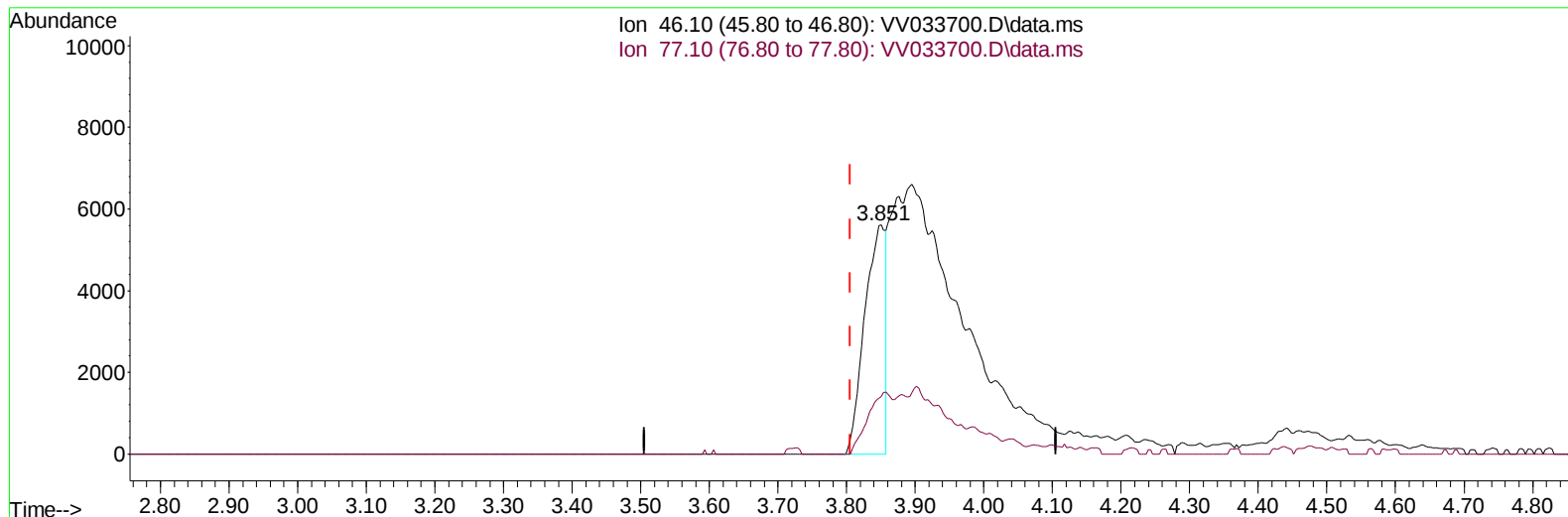
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011624\
Data File : VV033700.D
Acq On : 17 Jan 2024 03:19
Operator : SY/MD
Sample : P1143-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AZ2

Manual IntegrationsAPPROVED

Quant Time: Jan 17 04:31:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 17 01:35:32 2024
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



TIC: VV033700.D\data.ms

(20) 2-Butanone-d5 (S)

3.851min (+ 0.045) 8.36 ug/L

response 11812

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	6.40	30.76#
0.00	0.00	0.00
0.00	0.00	0.00

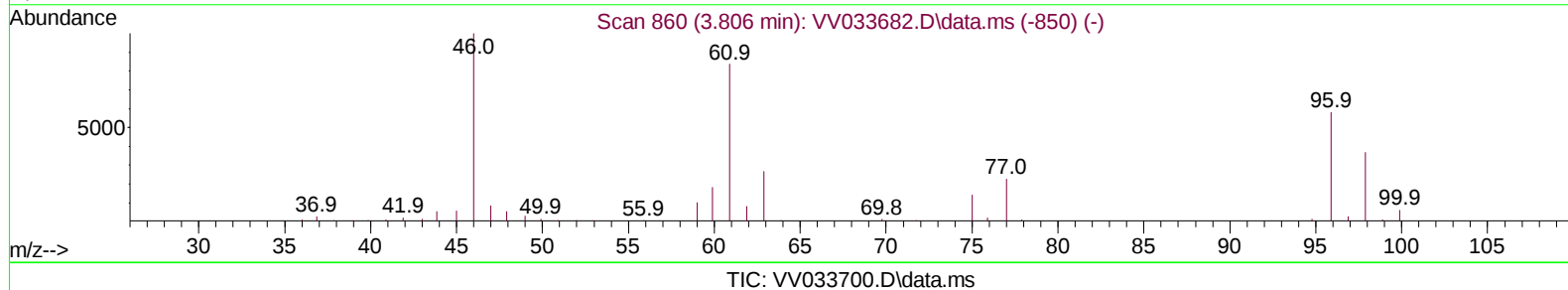
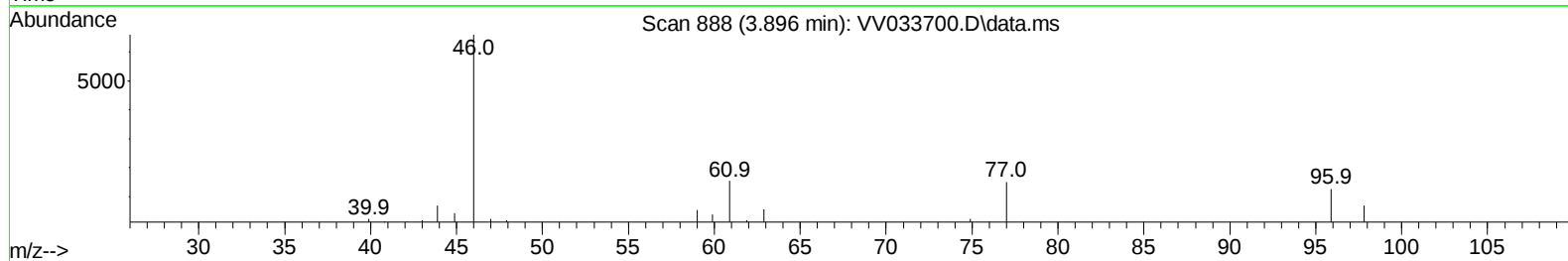
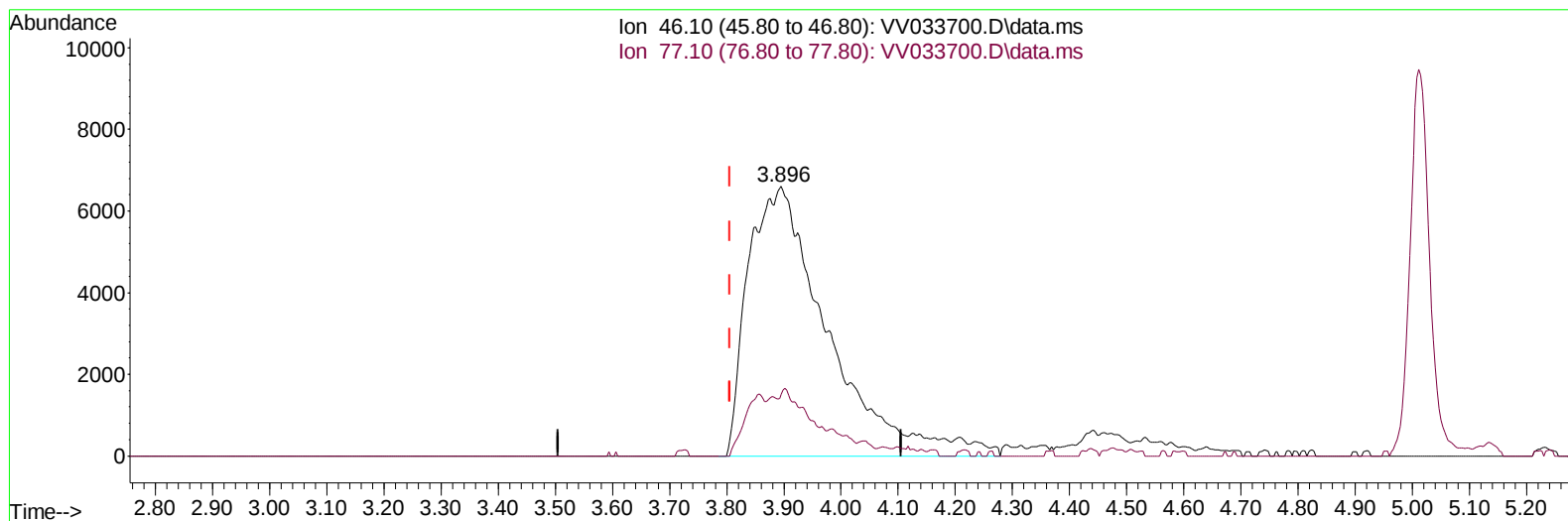
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**(20) 2-Butanone-d5 (S)**

3.896min (+ 0.090) 45.28 ug/L m

response 63940

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	6.40	5.68
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	5.535	114	105618	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	99205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	50752	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20287	3.513	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	70.200%	
7) Chloroethane-d5	1.532	69	22063	4.307	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	86.200%	
11) 1,1-Dichloroethene-d2	2.056	65	9939	3.819	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	76.400%	
20) 2-Butanone-d5	3.896	46	63940m	45.280	ug/L	0.09
Spiked Amount 50.000	Range 40	- 130	Recovery	=	90.560%	
24) Chloroform-d	4.249	84	55984	4.482	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	89.600%	
26) 1,2-Dichloroethane-d4	4.947	65	26969	4.816	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	96.400%	
32) Benzene-d6	4.960	84	101832	4.254	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	5.992	67	34961	4.381	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	87.600%	
41) Toluene-d8	7.246	98	92392	4.324	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	86.400%	
43) trans-1,3-Dichloroprop...	7.561	79	11652	4.223	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	84.400%	
46) 2-Hexanone-d5	8.034	63	53679	49.555	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	99.100%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	23179	4.971	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	36983	4.746	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	95.000%	
Target Compounds						
					Qvalue	
5) vinyl chloride	1.282	62	20077	1.827	ug/L #	70
8) Chloroethane	1.545	64	11142	1.670	ug/L #	65
16) Methylene chloride	2.445	84	2055	0.234	ug/L	94
18) trans-1,2-Dichloroethene	2.693	96	12485	1.484	ug/L	96
19) 1,1-Dichloroethane	3.111	63	224824	13.454	ug/L	99
22) cis-1,2-Dichloroethene	3.812	96	268665	30.509	ug/L	98
27) 1,2-Dichloroethane	5.047	62	43555	4.982	ug/L	99
30) Cyclohexane	4.580	56	3832	0.227	ug/L	97
33) Benzene	5.011	78	94510	2.684	ug/L	100
34) Trichloroethene	5.841	95	11566	1.234	ug/L	89
35) Methylcyclohexane	6.047	83	3627	0.229	ug/L #	73
37) 1,2-Dichloropropane	6.101	63	2980	0.341	ug/L #	20
42) Toluene	7.323	91	8454	0.227	ug/L	96
47) Tetrachloroethene	7.905	164	3225	0.479	ug/L	89
51) Chlorobenzene	8.812	112	690670	30.267	ug/L	98
52) Ethylbenzene	8.953	91	3459	0.080	ug/L	100
53) m,p-Xylene	9.082	106	1231	0.077	ug/L	86
54) o-Xylene	9.484	106	1433	0.093	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Isopropylbenzene	9.870	105	7963	0.198	ug/L #	81
64) 1,3-Dichlorobenzene	11.117	146	36943	2.080	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	89841	5.167	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	66354	4.299	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	146750	12.776	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	17060	1.852	ug/L #	87

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

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