

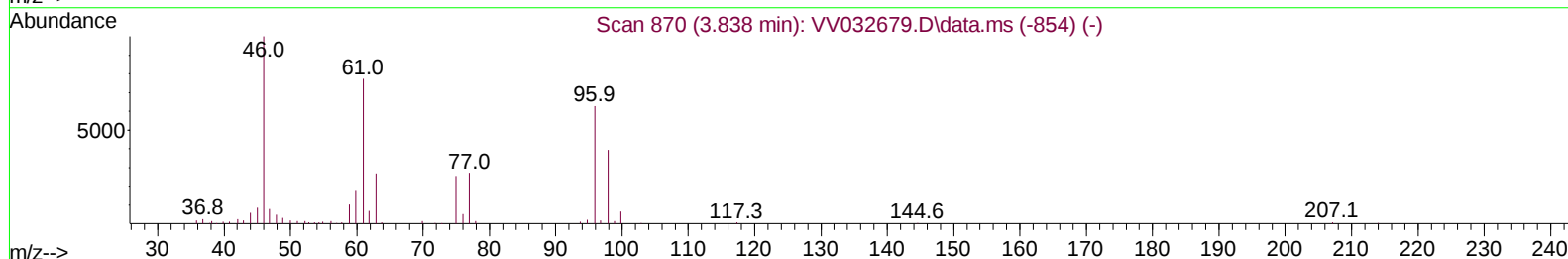
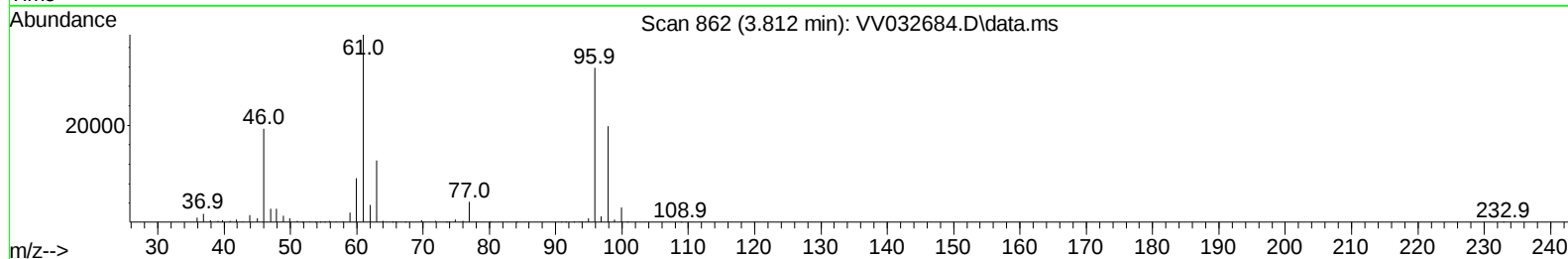
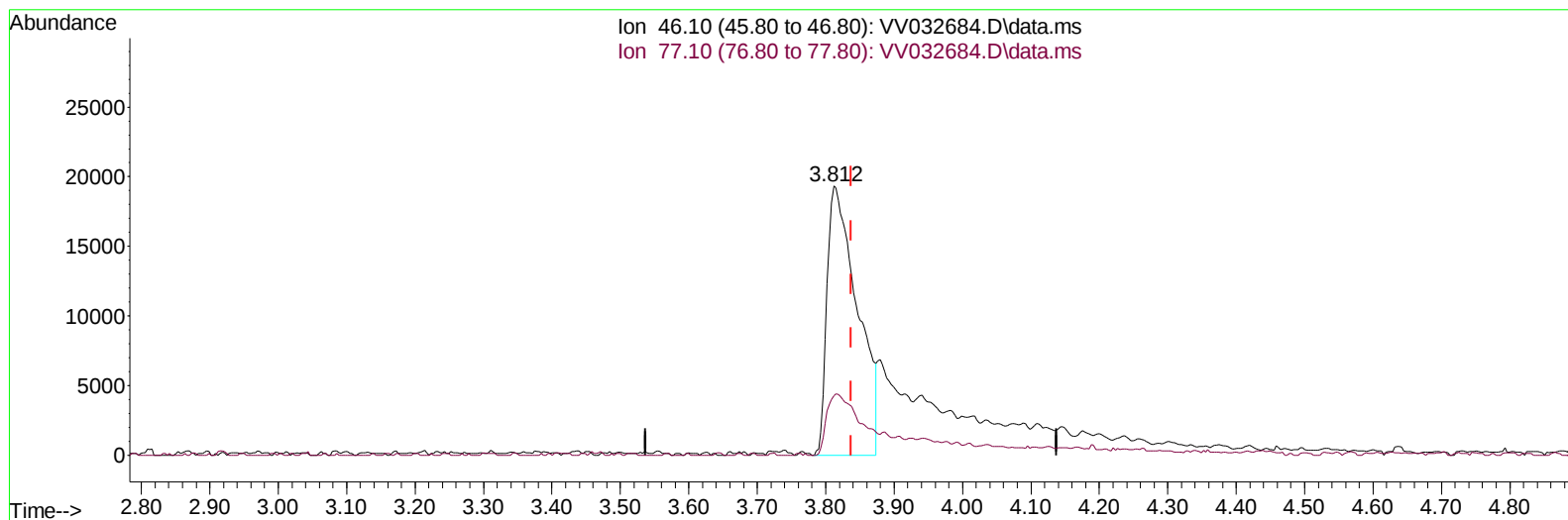
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032684.D
Acq On : 27 Oct 2023 15:17
Operator : SY/MD
Sample : 05055-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4AA5

Manual IntegrationsAPPROVED

Quant Time: Oct 28 00:54:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 28 00:17:24 2023
Response via : Initial Calibration

Reviewed By :John Carlone 10/30/2023
Supervised By :Mahesh Dadoda 10/31/2023



TIC: VV032684.D\data.ms

(20) 2-Butanone-d5 (S)

3.812min (-0.026) 22.87 ug/L

response 59453

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	20.70	25.34
0.00	0.00	0.00
0.00	0.00	0.00

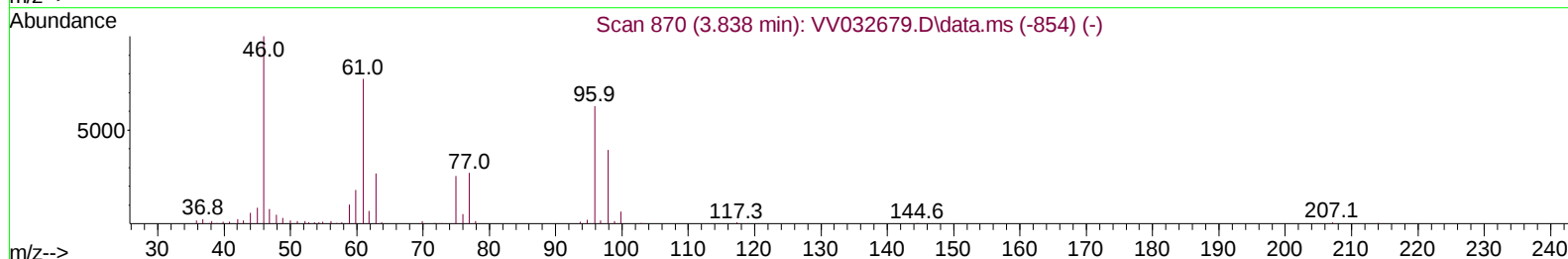
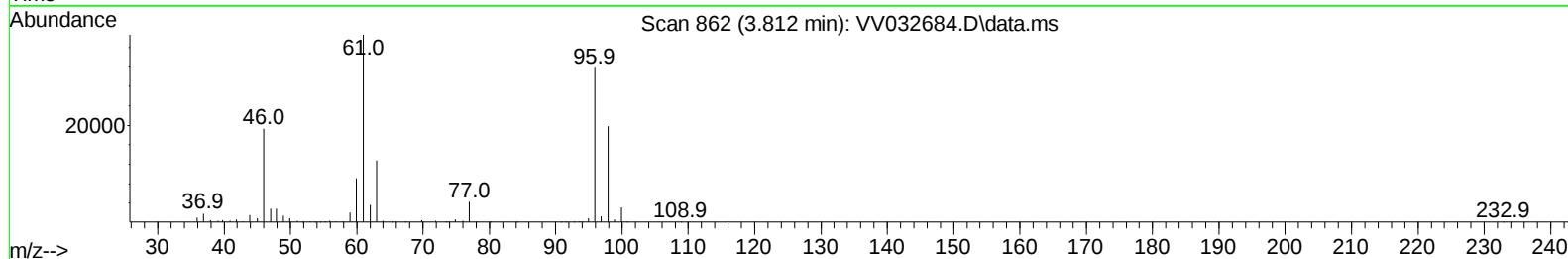
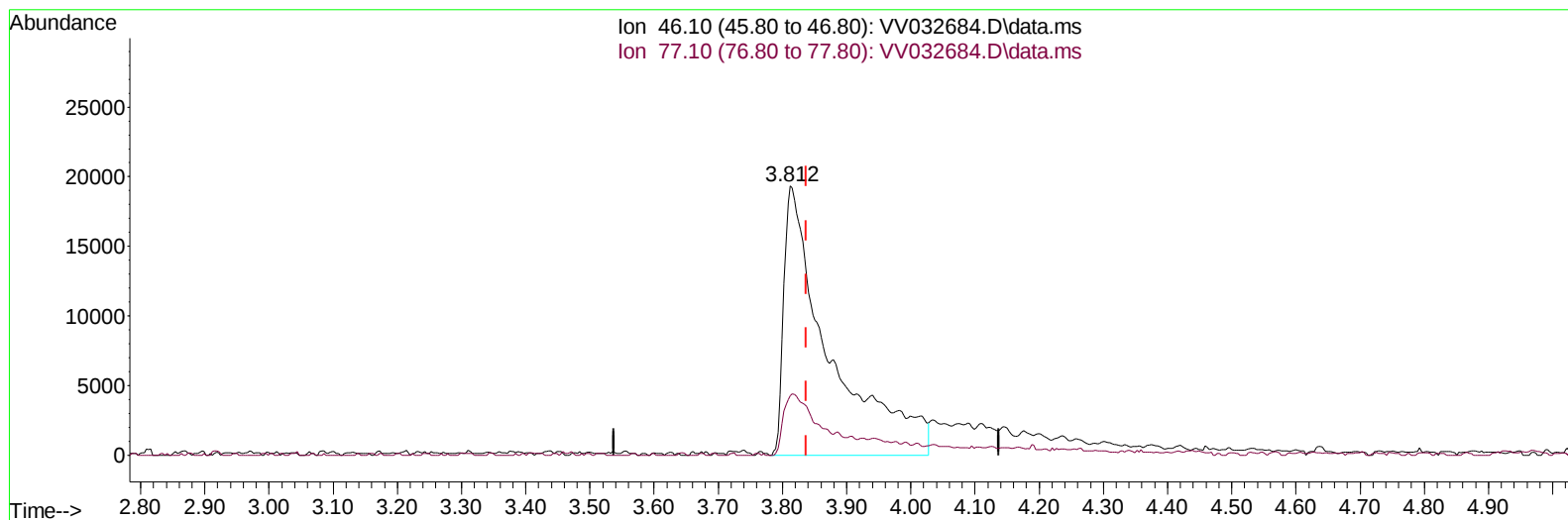
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Quant Time: Oct 28 00:24:44 2023
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TIC: VV032684.D\data.ms

(20) 2-Butanone-d5 (S)

3.812min (-0.026) 36.60 ug/L m

response 95124

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	20.70	15.84
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	5.539	114	146553	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	168064	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	84583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	56203	4.670	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	93.400%	
7) Chloroethane-d5	1.532	69	49876	4.876	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	97.600%	
11) 1,1-Dichloroethene-d2	2.056	65	25234	4.671	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	93.400%	
20) 2-Butanone-d5	3.812	46	95124m	36.598	ug/L	-0.03
Spiked Amount 50.000	Range 40	- 130	Recovery	=	73.200%	
24) Chloroform-d	4.256	84	102446	5.126	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	102.600%	
26) 1,2-Dichloroethane-d4	4.947	65	48576	4.923	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	98.400%	
32) Benzene-d6	4.963	84	193322	4.831	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	5.992	67	58655	5.062	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	101.200%	
41) Toluene-d8	7.246	98	180771	4.457	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	7.561	79	22223	4.346	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.030	63	93019	45.906	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	91.820%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	50614	4.912	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.564	152	68696	4.974	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	99.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	37417	2.487	ug/L	99
3) Chloromethane	1.217	50	113545	6.398	ug/L	99
5) Vinyl chloride	1.282	62	85580	4.859	ug/L	100
6) Bromomethane	1.487	94	42973	4.181	ug/L	97
8) Chloroethane	1.548	64	51205	4.446	ug/L	100
9) Trichlorofluoromethane	1.712	101	218128	9.200	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	55487	3.968	ug/L	99
12) 1,1-Dichloroethene	2.069	96	71962	5.494	ug/L	92
16) Methylene chloride	2.449	84	53403	3.312	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	149208	5.276	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	83614	6.455	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	83221	6.337	ug/L	100
23) Bromochloromethane	4.156	128	13085	2.142	ug/L	92
25) Chloroform	4.278	83	116866	4.681	ug/L	99
27) 1,2-Dichloroethane	5.047	62	72287	4.659	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	109605	5.056	ug/L	99
31) Carbon tetrachloride	4.735	117	94395	5.005	ug/L	99
34) Trichloroethene	5.834	95	112675	7.961	ug/L	99

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

37) 1,2-Dichloropropane	6.095	63	62623	4.899	ug/L	97
38) Bromodichloromethane	6.439	83	42134	2.231	ug/L	95
39) cis-1,3-Dichloropropene	6.963	75	31425	1.615	ug/L	99
42) Toluene	7.320	91	178894	2.907	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	85149	7.887	ug/L	98
47) Tetrachloroethene	7.905	164	60523	4.839	ug/L	98
49) Dibromochloromethane	8.178	129	75830	5.921	ug/L	99
52) Ethylbenzene	8.947	91	670489	10.362	ug/L	97
54) o-Xylene	9.481	106	67688	2.848	ug/L	91
55) Styrene	9.500	104	83200	2.113	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.182	83	60972	4.842	ug/L	99
60) Isopropylbenzene	9.870	105	453534	7.901	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	220956	4.765	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	63118	2.049	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	58668	2.071	ug/L	100

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

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