

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063009.D
Acq On : 27 Jan 2025 11:08
Operator : MD/SY
Sample : VSTD00169
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD001069

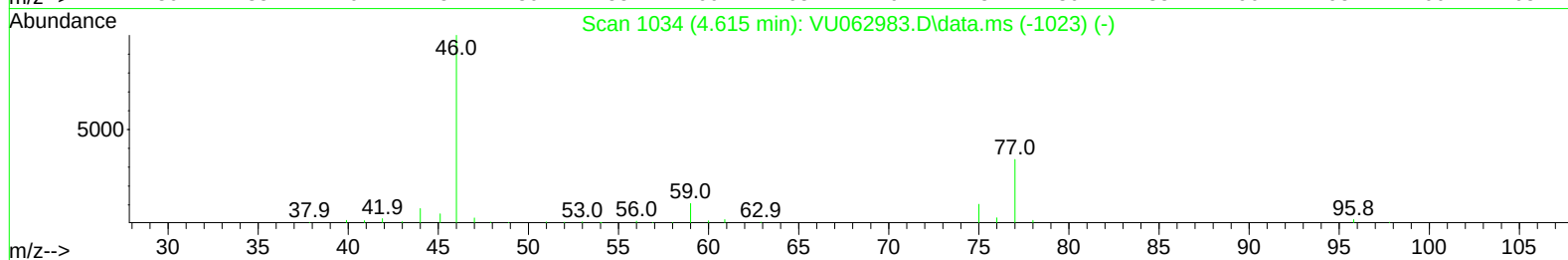
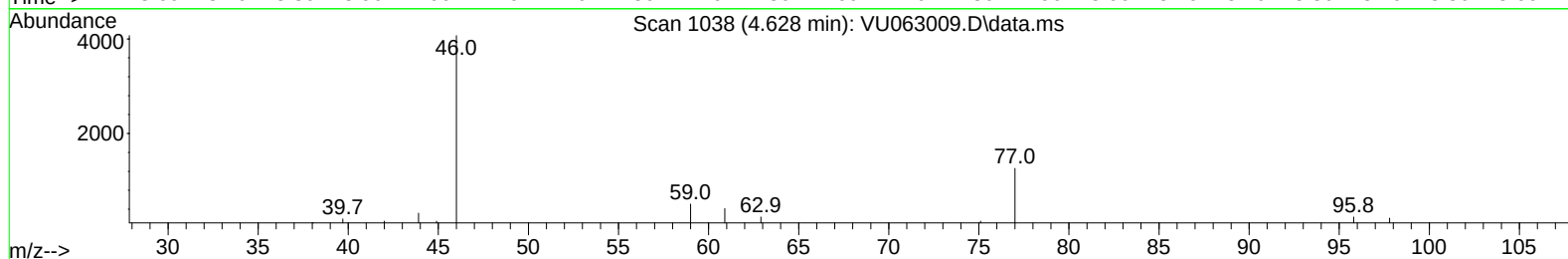
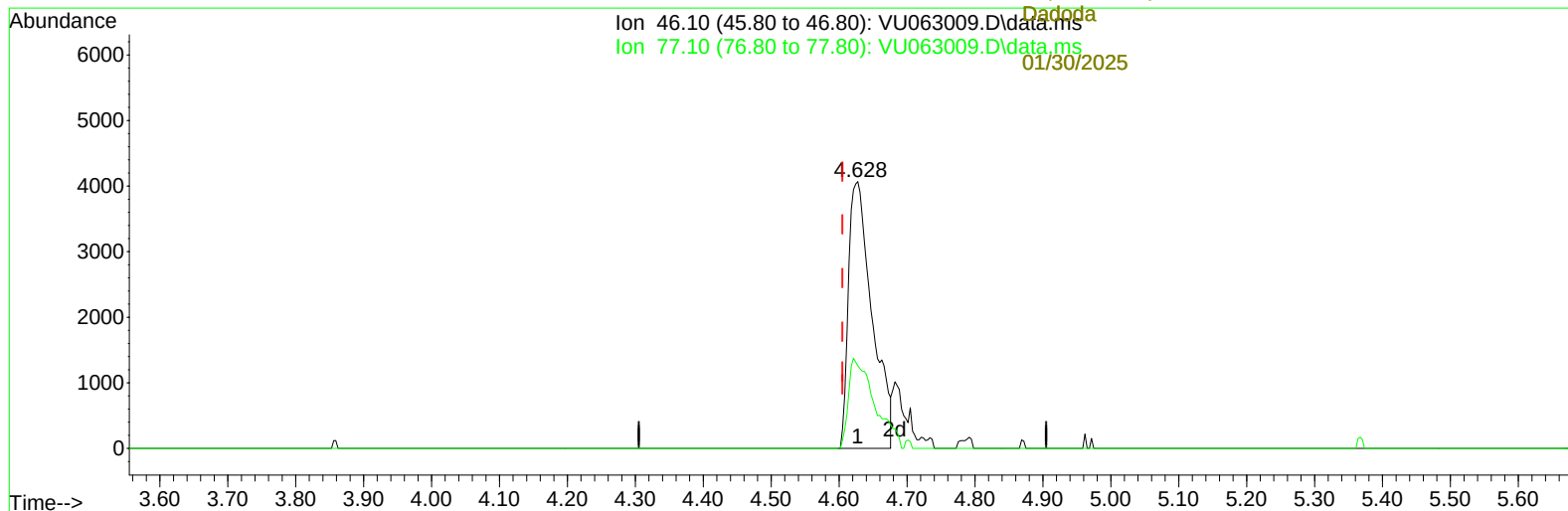
Manual IntegrationsAPPROVED

Quant Time: Jan 28 13:52:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 28 13:50:07 2025
Response via : Initial Calibration

Reviewed By :John
Carlone

01/28/2025
Supervised By :Mahesh
Dadoda

01/30/2025



TIC: VU063009.D\data.ms

(20) 2-Butanone-d5 (S)

4.628min (+ 0.023) 8.79 ug/L

response 9791

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	30.90	37.49
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063009.D
Acq On : 27 Jan 2025 11:08
Operator : MD/SY
Sample : VSTD00169
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD001069

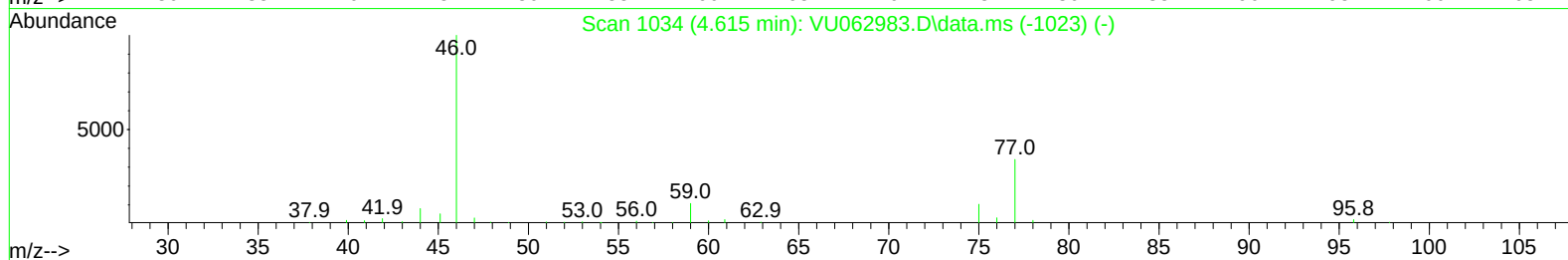
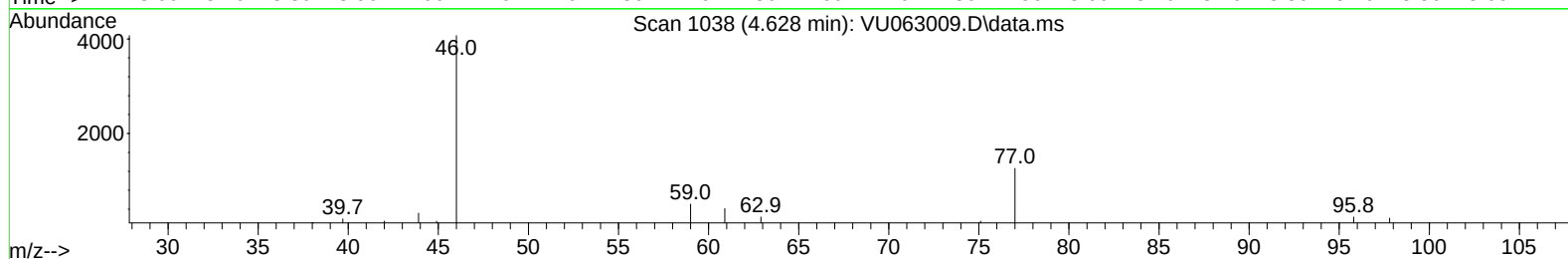
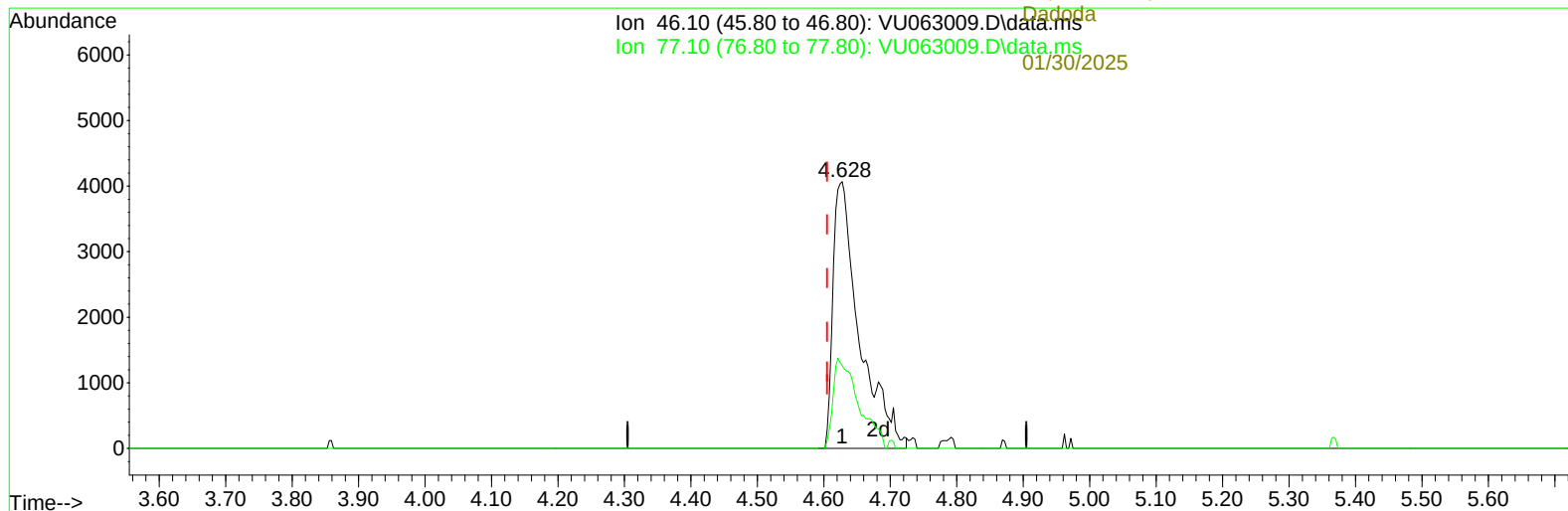
Manual IntegrationsAPPROVED

Quant Time: Jan 28 13:52:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 28 13:50:07 2025
Response via : Initial Calibration

Reviewed By :John
Carlone

01/28/2025
Supervised By :Mahesh
Dadoda

01/30/2025



TIC: VU063009.D\data.ms

(20) 2-Butanone-d5 (S)

4.628min (+ 0.023) 10.07 ug/L m

response 11217

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	30.90	32.73
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063009.D
 Acq On : 27 Jan 2025 11:08
 Operator : MD/SY
 Sample : VSTD00169
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001069

Manual IntegrationsAPPROVED

Quant Time: Jan 28 13:52:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 28 13:50:07 2025
 Response via : Initial Calibration

Reviewed By :John
 Carlone

01/28/2025
 Supervised By :Mahesh
 Dadoda

01/30/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	101928	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52323	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	3502	0.652	ug/L	0.00
7) Chloroethane-d5	1.901	69	2656	0.631	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	2210	0.789	ug/L	0.00
20) 2-Butanone-d5	4.628	46	11217m	10.074	ug/L	0.02
24) Chloroform-d	5.052	84	15106	1.093	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	8517	1.118	ug/L	0.00
32) Benzene-d6	5.718	84	22882	0.953	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	6017	0.928	ug/L	0.00
41) Toluene-d8	7.891	98	22894	0.965	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	3698	1.082	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	8869	8.603	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	5190	0.914	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	9552	1.092	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	8204	0.837	ug/L	98
3) Chloromethane	1.512	50	4459	0.710	ug/L	95
5) Vinyl chloride	1.596	62	4631	0.663	ug/L	96
6) Bromomethane	1.843	94	2060	0.433	ug/L	84
8) Chloroethane	1.927	64	2087	0.512	ug/L	94
9) Trichlorofluoromethane	2.129	101	10901	0.754	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	5113	0.732	ug/L	90
12) 1,1-Dichloroethene	2.570	96	4750	0.778	ug/L	85
13) Acetone	2.621	43	5805	6.464	ug/L	96
14) Carbon disulfide	2.782	76	11314	0.598	ug/L	99
15) Methyl Acetate	2.949	43	877	0.475	ug/L	97
16) Methylene chloride	3.033	84	4665	0.700	ug/L	91
17) Methyl tert-butyl Ether	3.351	73	13268	0.772	ug/L	95
18) trans-1,2-Dichloroethene	3.345	96	4638	0.710	ug/L	89
19) 1,1-Dichloroethane	3.856	63	8930	0.772	ug/L #	94
21) 2-Butanone	4.705	43	8114	6.943	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	6375	0.889	ug/L	88
23) Bromochloromethane	4.959	128	3195	0.917	ug/L	85
25) Chloroform	5.078	83	12957	0.877	ug/L	98
27) 1,2-Dichloroethane	5.792	62	9159	0.933	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	13290	0.851	ug/L	96
30) Cyclohexane	5.380	56	6263	0.670	ug/L	84
31) Carbon tetrachloride	5.512	117	12580	0.864	ug/L	96
33) Benzene	5.763	78	21769	0.775	ug/L	100
34) Trichloroethene	6.534	95	7761	0.801	ug/L	95
35) Methylcyclohexane	6.753	83	9496	0.805	ug/L	94
37) 1,2-Dichloropropane	6.782	63	5438	0.831	ug/L #	88
38) Bromodichloromethane	7.097	83	9437	0.851	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	9285	0.815	ug/L	92
40) 4-Methyl-2-pentanone	7.782	43	22895	7.432	ug/L	97
42) Toluene	7.962	91	25458	0.814	ug/L	92
44) trans-1,3-Dichloropropene	8.203	75	7994	0.800	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063009.D
 Acq On : 27 Jan 2025 11:08
 Operator : MD/SY
 Sample : VSTD00169
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001069

Manual IntegrationsAPPROVED

Reviewed By :John
 Carlone

01/28/2025
 Supervised By :Mahesh
 Dadoda

Quant Time: Jan 28 13:52:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 28 13:50:07 2025
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.393	97	4715	0.853	ug/L	82
47) Tetrachloroethene	8.544	164	5907	0.837	ug/L	92
48) 2-Hexanone	8.676	43	15934	7.197	ug/L #	97
49) Dibromochloromethane	8.801	129	6821	0.882	ug/L	92
50) 1,2-Dibromoethane	8.917	107	4624	0.866	ug/L #	99
51) Chlorobenzene	9.438	112	18070	0.867	ug/L	89
52) Ethylbenzene	9.563	91	29186	0.817	ug/L	99
53) m,p-Xylene	9.688	106	11130	0.824	ug/L	93
54) o-Xylene	10.090	106	10002	0.776	ug/L	95
55) Styrene	10.110	104	16399	0.762	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	5390	0.875	ug/L #	90
59) Bromoform	10.283	173	4303	0.915	ug/L #	93
60) Isopropylbenzene	10.476	105	30126	0.855	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	3923	0.871	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	24667	0.818	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	21895	0.749	ug/L	96
64) 1,3-Dichlorobenzene	11.737	146	14774	0.883	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	15643	0.923	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	13719	0.874	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	1040	0.872	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.216	180	11501	0.900	ug/L	95
70) 1,2,4-trichlorobenzene	13.836	180	9046	0.885	ug/L	97
71) Naphthalene	14.090	128	10613	0.733	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.322	180	7447	0.833	ug/L	93

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

