Quantitation Report (Qedit)

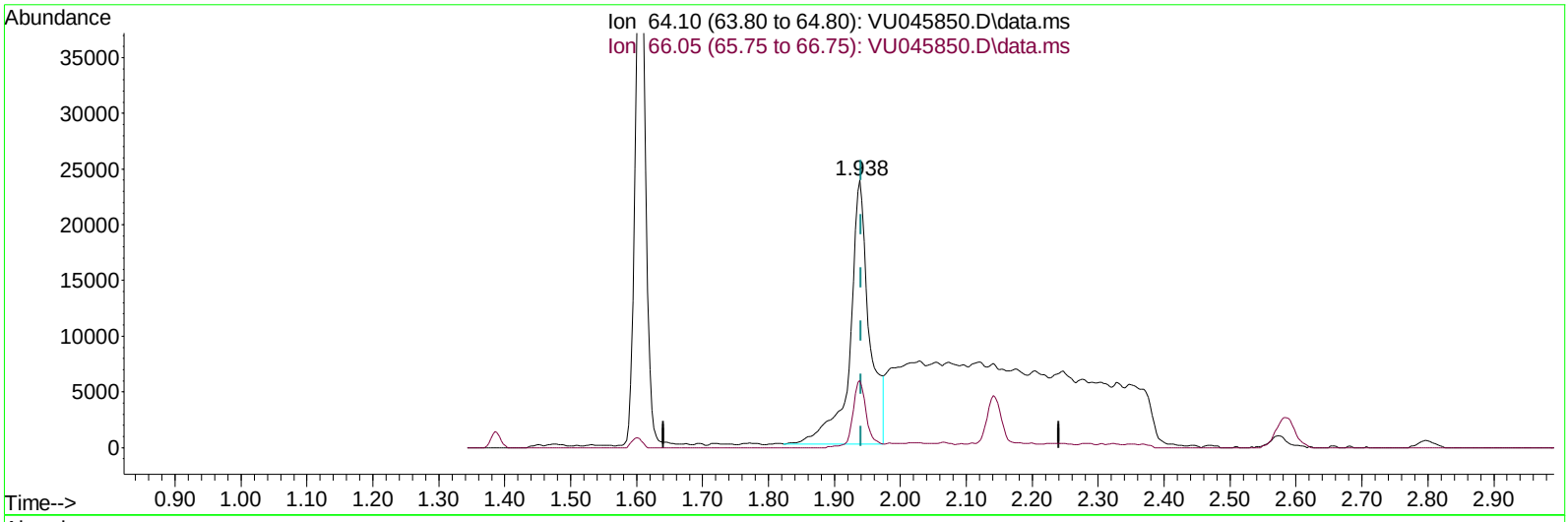
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
Data File : VU045850.D
Acq On : 17 Nov 2021 19:16
Operator : SY/MD
Sample : M4664-04MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

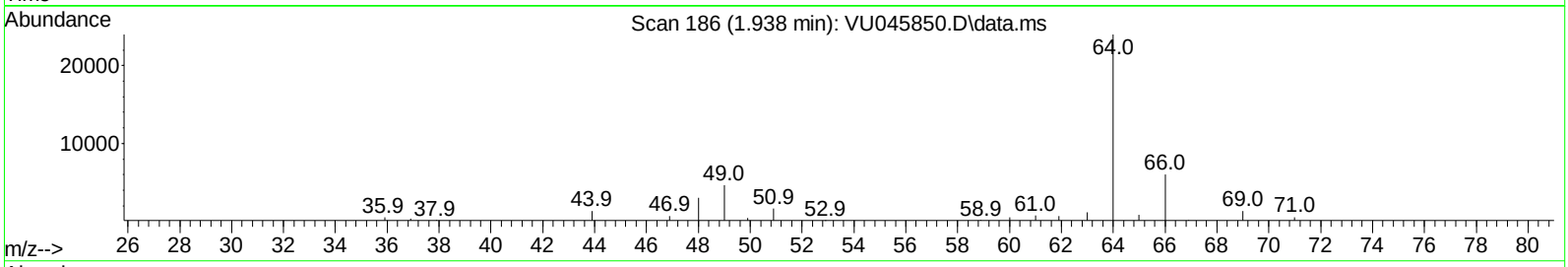
Quant Time: Nov 18 02:23:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 02:11:55 2021
Response via : Initial Calibration

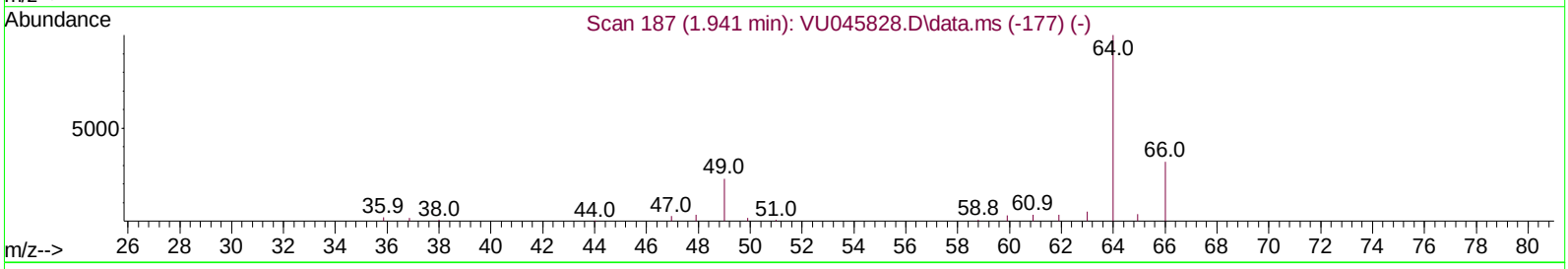
Instrument :
MSVOA_U
ClientSampleId :
H4649MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/22/2021







TIC: VU045850.D\data.ms

(8) Chloroethane (T)

1.938min (-0.003) 9.82 ug/L

response 48653

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	31.60	25.15
0.00	0.00	0.00
0.00	0.00	0.00

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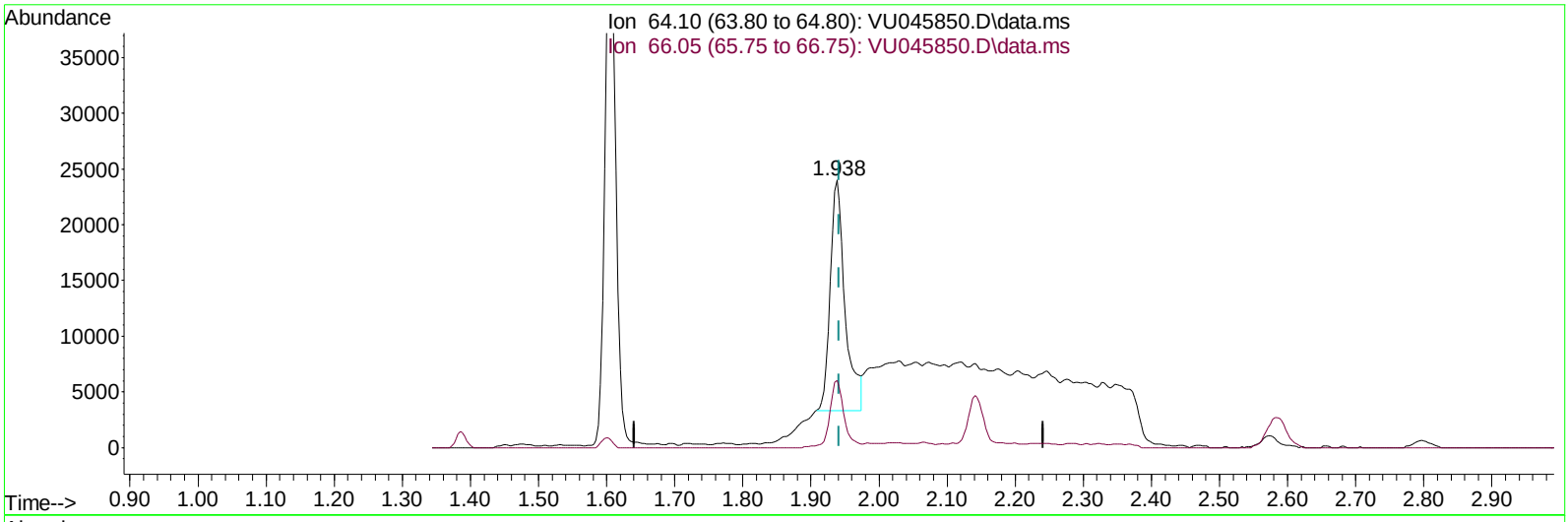

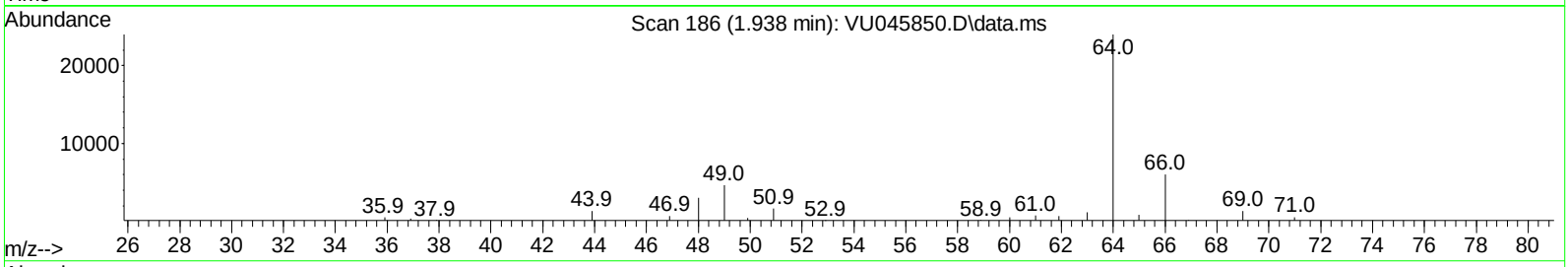

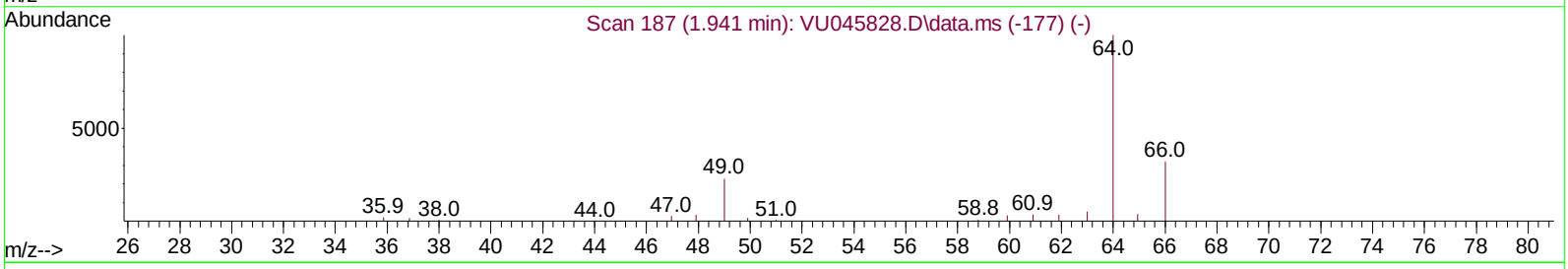

TIC: VU045850.D\data.ms

(8) Chloroethane (T)

1.938min (-0.003) 6.28 ug/L m

response 31118

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	31.60	25.15
0.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	100317	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	103725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54994	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	40560	5.103	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.000%			
7) Chloroethane-d5	1.916	69	29586	5.113	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.200%			
11) 1,1-Dichloroethene-d2	2.572	65	16718	5.015	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.400%			
20) 2-Butanone-d5	4.646	46	105984	49.759	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.520%			
24) Chloroform-d	5.067	84	64926	4.903	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.000%			
26) 1,2-Dichloroethane-d4	5.707	65	35288	4.542	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.800%			
32) Benzene-d6	5.729	84	130605	4.572	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.400%			
36) 1,2-Dichloropropane-d6	6.694	67	40375	4.485	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.600%			
41) Toluene-d8	7.899	98	118608	4.590	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
43) trans-1,3-Dichloroprop...	8.182	79	16990	4.649	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.000%			
46) 2-Hexanone-d5	8.636	63	78443	47.689	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.380%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36423	4.789	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.800%			
66) 1,2-Dichlorobenzene-d4	12.195	152	43658	4.624	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	34919	4.275	ug/L	99
3) Chloromethane	1.520	50	36344	4.199	ug/L	98
5) Vinyl chloride	1.604	62	159636	18.375	ug/L	100
6) Bromomethane	1.861	94	13632	2.646	ug/L	97
8) Chloroethane	1.938	64	31118m	6.282	ug/L	
9) Trichlorofluoromethane	2.141	101	49511	4.414	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	28534	4.339	ug/L	96
12) 1,1-Dichloroethene	2.585	96	27850	4.485	ug/L	89
13) Acetone	2.665	43	58404	46.587	ug/L	100
14) Carbon disulfide	2.797	76	85674	4.362	ug/L	99
15) Methyl Acetate	2.964	43	14161	4.604	ug/L	96
16) Methylene chloride	3.051	84	32458	3.540	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	231721	14.333	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	46377	6.967	ug/L	95
19) 1,1-Dichloroethane	3.874	63	66374	5.323	ug/L	99
21) 2-Butanone	4.723	43	106150	50.324	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	45377	6.287	ug/L	97
23) Bromochloromethane	4.977	128	15601	4.959	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.092	83	60063	4.440	ug/L	98
27) 1,2-Dichloroethane	5.800	62	38979	4.515	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	50011	4.438	ug/L	100
30) Cyclohexane	5.395	56	46907	4.197	ug/L	99
31) Carbon tetrachloride	5.527	117	43929	4.635	ug/L	97
33) Benzene	5.777	78	137236	4.741	ug/L	100
34) Trichloroethene	6.546	95	32469	4.353	ug/L	98
35) Methylcyclohexane	6.768	83	48728	4.254	ug/L	98
37) 1,2-Dichloropropane	6.797	63	34598	4.542	ug/L	100
38) Bromodichloromethane	7.108	83	43356	4.613	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	47861	4.422	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	242352	48.507	ug/L	99
42) Toluene	7.970	91	141374	4.732	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	42613	4.525	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	26246	4.641	ug/L	98
47) Tetrachloroethene	8.555	164	23423	4.485	ug/L	100
48) 2-Hexanone	8.687	43	184626	51.151	ug/L	100
49) Dibromochloromethane	8.813	129	30663	4.761	ug/L	91
50) 1,2-Dibromoethane	8.925	107	24347	4.570	ug/L	95
51) Chlorobenzene	9.449	112	87560	4.672	ug/L	99
52) Ethylbenzene	9.571	91	144782	4.629	ug/L	100
53) m,p-Xylene	9.697	106	56845	4.745	ug/L	97
54) o-Xylene	10.105	106	55070	4.764	ug/L	97
55) Styrene	10.115	104	96474	4.957	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	35310	4.875	ug/L	96
59) Bromoform	10.292	173	16093	4.418	ug/L	99
60) Isopropylbenzene	10.488	105	146535	4.539	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	25510	4.468	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	119234	4.517	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	121143	4.580	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	69318	4.602	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	69406	4.536	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	66870	4.630	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	4940	4.159	ug/L	83
69) 1,3,5-Trichlorobenzene	13.221	180	50296	4.464	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	44362	4.653	ug/L	98
71) Naphthalene	14.086	128	89878	4.588	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	43496	4.585	ug/L	99

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

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