Quantitation Report (Qedit)

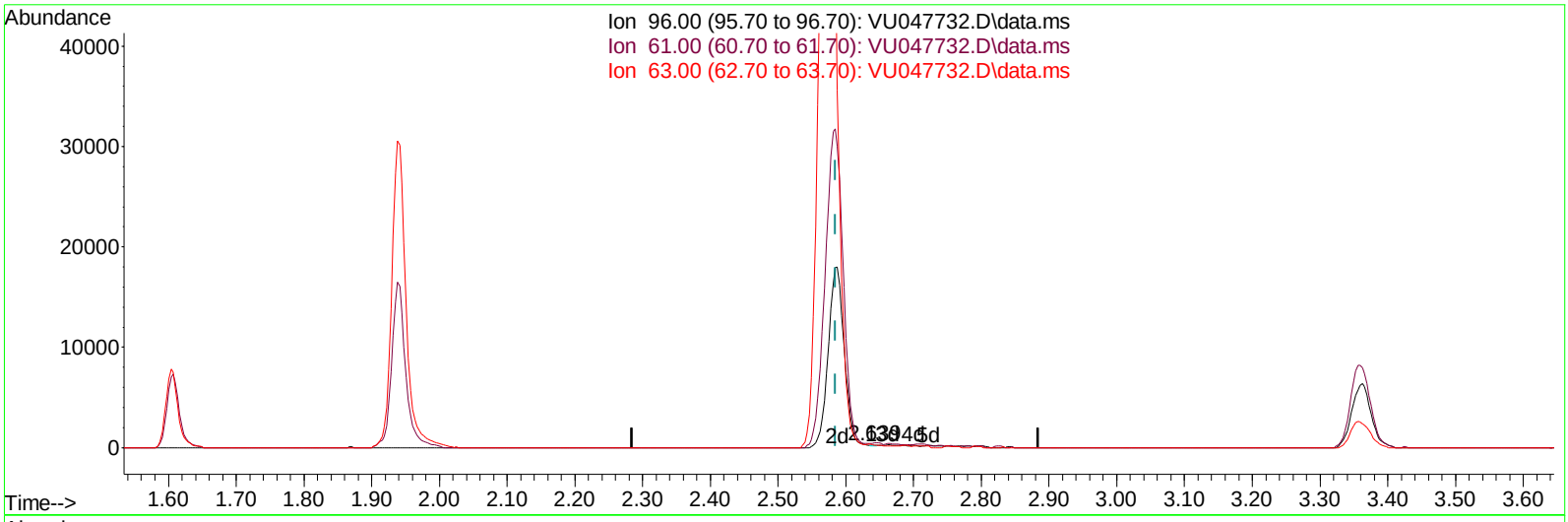
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
Data File : VU047732.D
Acq On : 28 Mar 2022 17:00
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

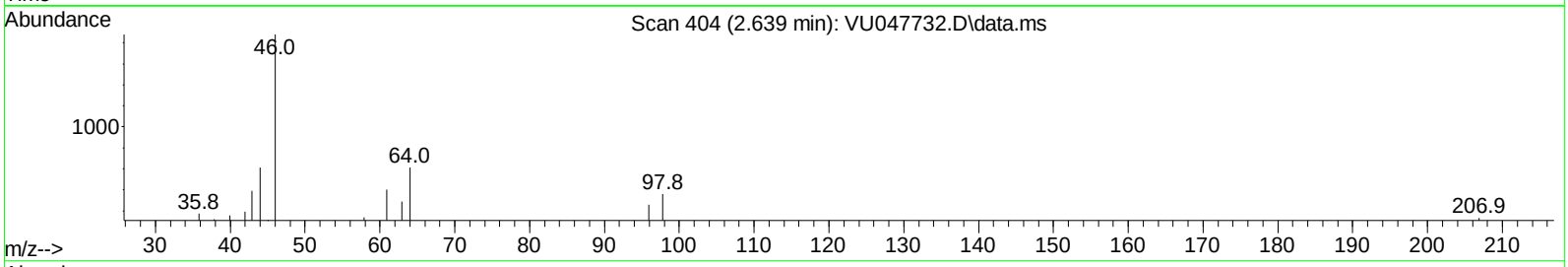
Quant Time: Mar 29 01:45:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 29 01:43:13 2022
Response via : Initial Calibration

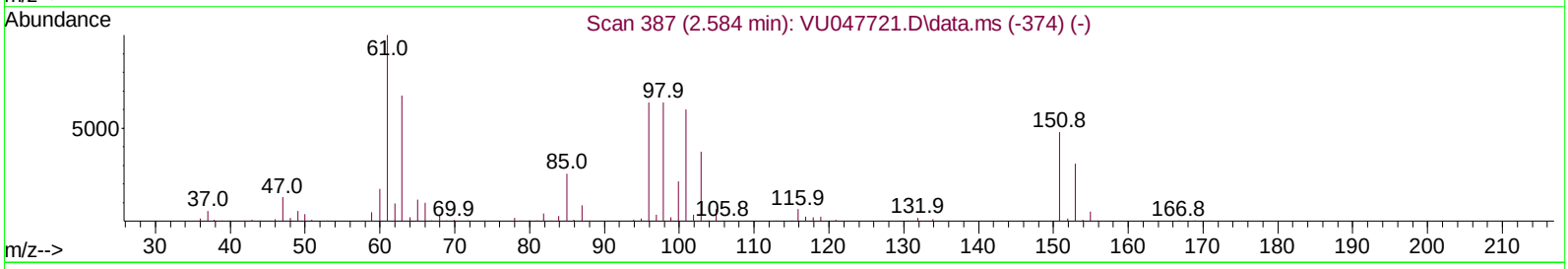
Instrument :
MSVOA_U
ClientSampleId :
EW5X1

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022







TIC: VU047732.D\data.ms

(12) 1,1-Dichloroethene (T)

2.639min (+ 0.055) 0.01 ug/L

response 30

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	161.60	157.59
63.00	135.40	112.06
0.00	0.00	0.00

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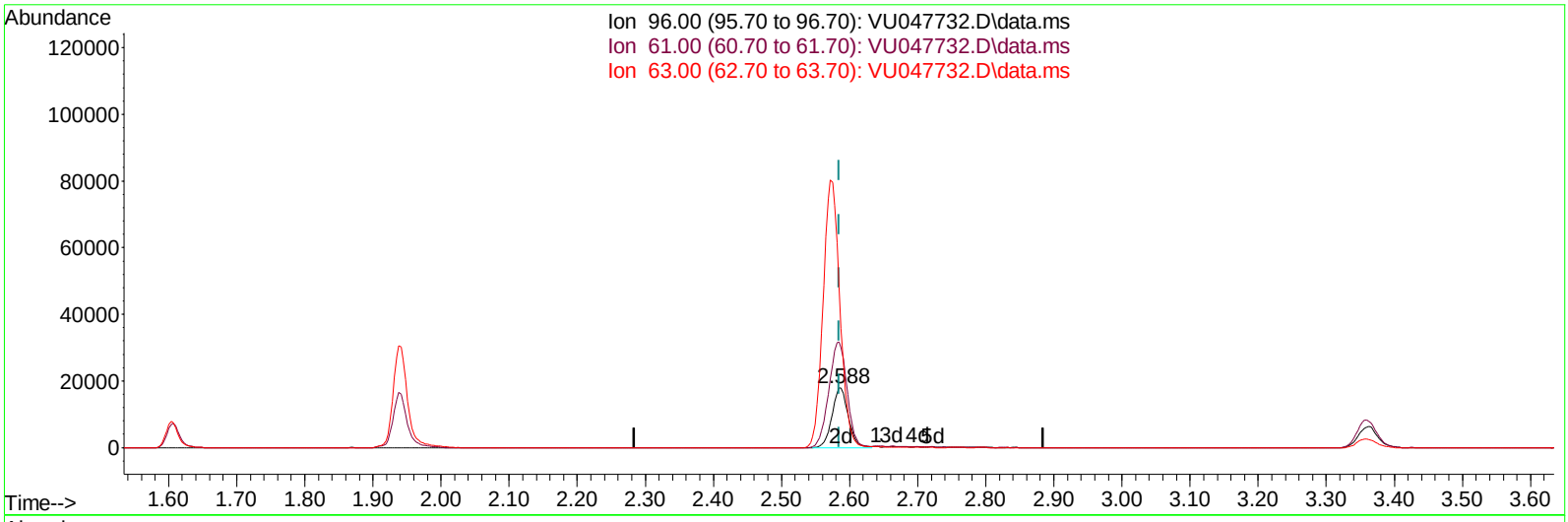

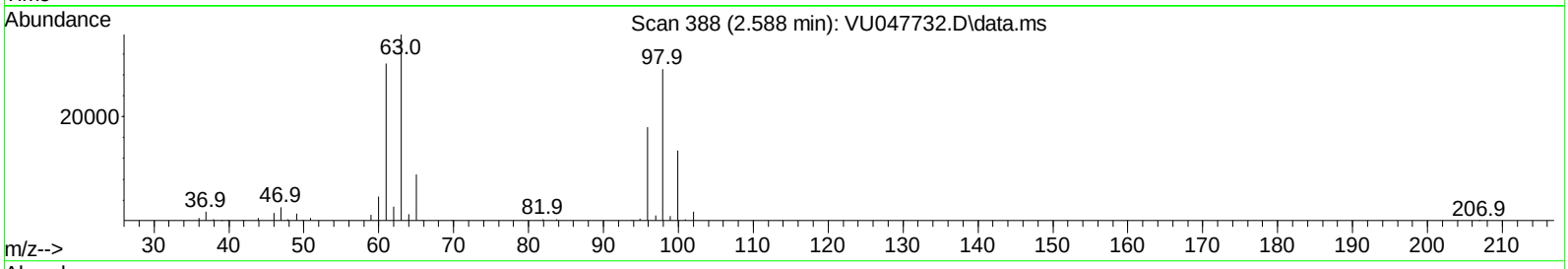

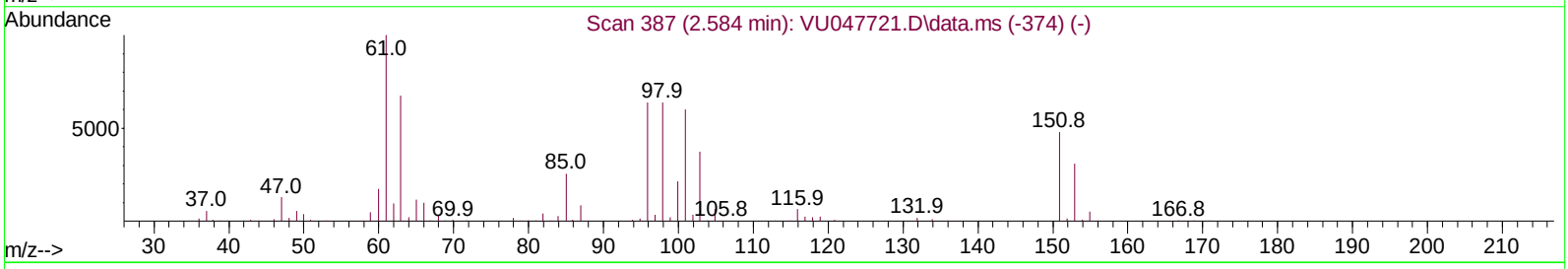

TIC: VU047732.D\data.ms

(12) 1,1-Dichloroethene (T)

2.588min (+ 0.003) 13.46 ug/L m

response 29970

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	161.60	167.38
63.00	135.40	198.49#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	324645	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	334050	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	195848	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	85399	36.275	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.540%			
7) Chloroethane-d5	1.919	69	77458	41.727	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.460%			
11) 1,1-Dichloroethene-d2	2.572	63	138141	32.072	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.140%			
21) 2-Butanone-d5	4.642	46	240249	118.896	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.900%			
24) Chloroform-d	5.067	84	193652	44.956	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.920%			
26) 1,2-Dichloroethane-d4	5.703	65	128021	48.457	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.920%			
32) Benzene-d6	5.729	84	382565	45.513	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.020%			
36) 1,2-Dichloropropane-d6	6.694	67	125519	48.624	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.240%			
41) Toluene-d8	7.899	98	343857	41.987	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.980%			
43) trans-1,3-Dichloroprop...	8.179	79	60349	46.145	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.300%			
47) 2-Hexanone-d5	8.636	63	174886	115.728	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.730%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	216879	48.955	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.900%			
66) 1,2-Dichlorobenzene-d4	12.192	152	166069	47.662	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.320%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	82555	28.122	ug/L	99
8) Chloroethane	1.938	64	687182	372.893	ug/L	99
9) Trichlorofluoromethane	2.147	101	4355	1.052	ug/L	96
12) 1,1-Dichloroethene	2.588	96	29970m	13.458	ug/L	
17) trans-1,2-Dichloroethene	3.362	96	12546	5.223	ug/L	97
19) 1,1-Dichloroethane	3.874	63	1348505	325.526	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	1097779	416.885	ug/L	95
27) 1,2-Dichloroethane	5.800	62	5283	1.533	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	2857758	754.468	ug/L	100
33) Benzene	5.780	78	9171	0.948	ug/L	100
34) Trichloroethene	6.546	95	18997	7.494	ug/L	99
42) Toluene	7.970	91	216140	20.373	ug/L	100
46) Tetrachloroethene	8.552	164	37777	16.583	ug/L	98
52) Ethylbenzene	9.571	91	58630	5.256	ug/L	98
53) m,p-Xylene	9.693	106	55839	12.757	ug/L	99
54) o-Xylene	10.102	106	32530	7.572	ug/L	96
61) Isopropylbenzene	10.484	105	10545	0.996	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	32950	5.737	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	11.468	105	159116	18.240	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	8993	1.528	ug/L	94

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

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