Quantitation Report (Qedit)

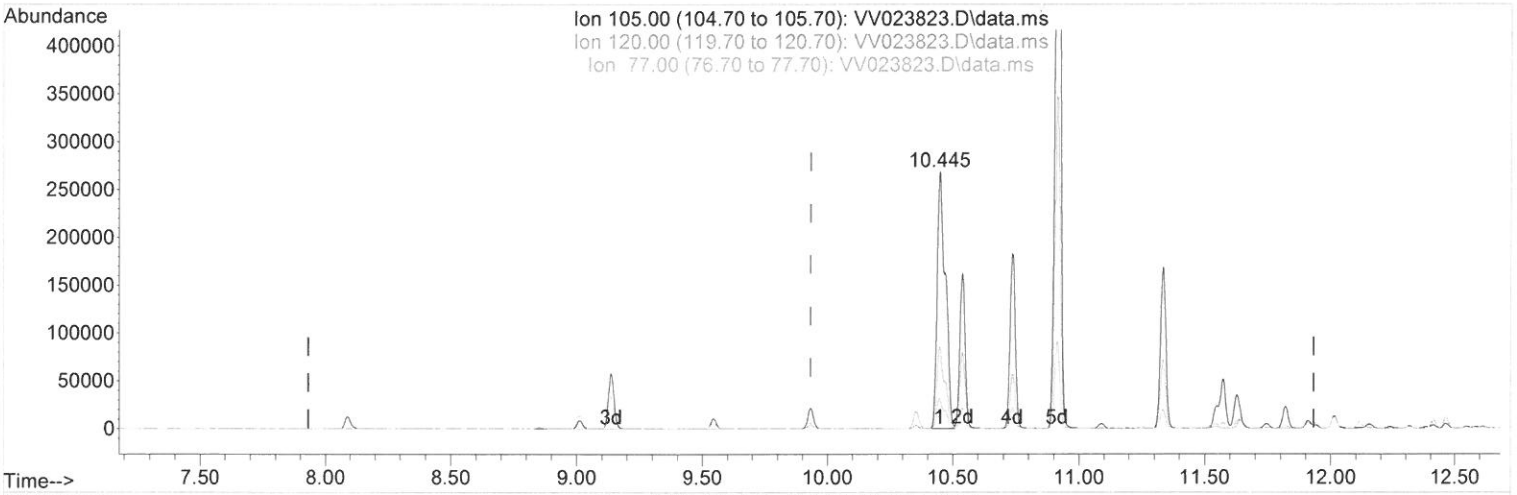
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023823.D
Acq On : 07 Dec 2021 15:19
Operator : SY/MD
Sample : M4879-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

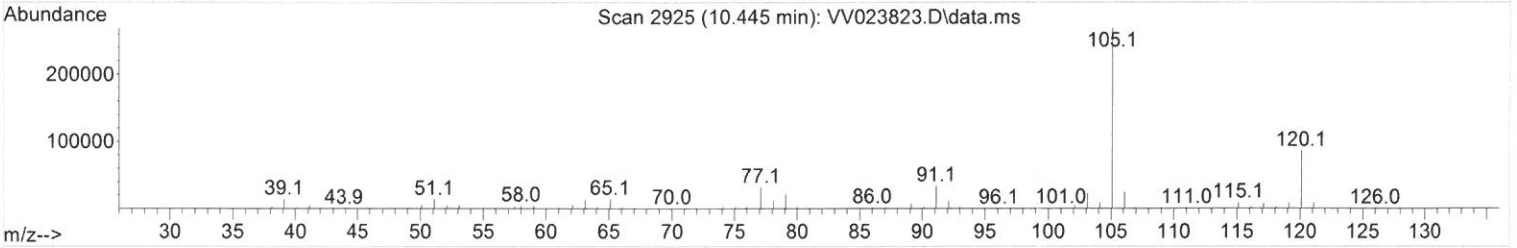
Quant Time: Dec 08 01:15:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration

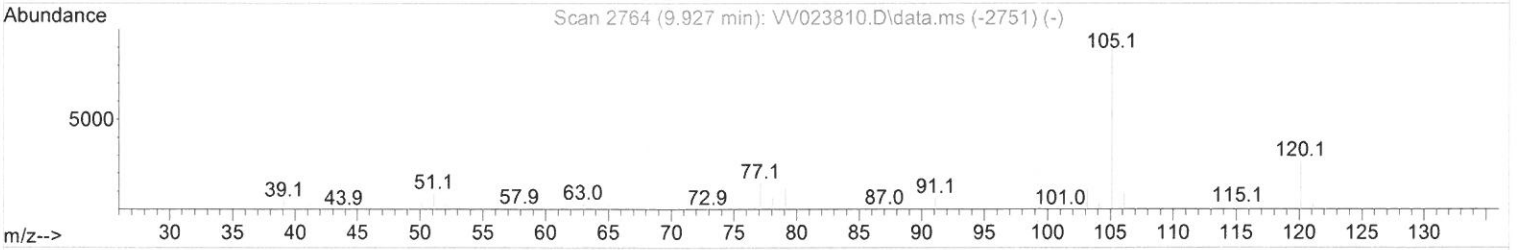
Instrument :
MSVOA_V
ClientSampleId :
C0G21

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021







TIC: VV023823.D\data.ms

(60) Isopropylbenzene (T)

10.445min (+ 0.515) 14.56 ug/L

response 609427

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	26.70	31.03
77.00	15.30	11.44#
0.00	0.00	0.00

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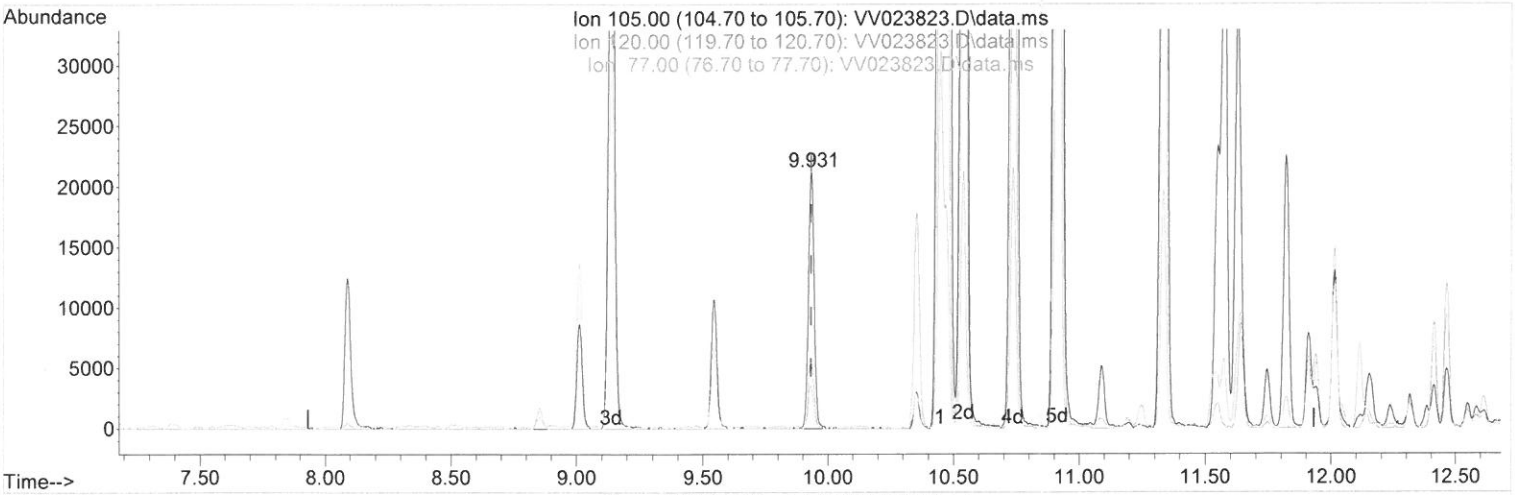

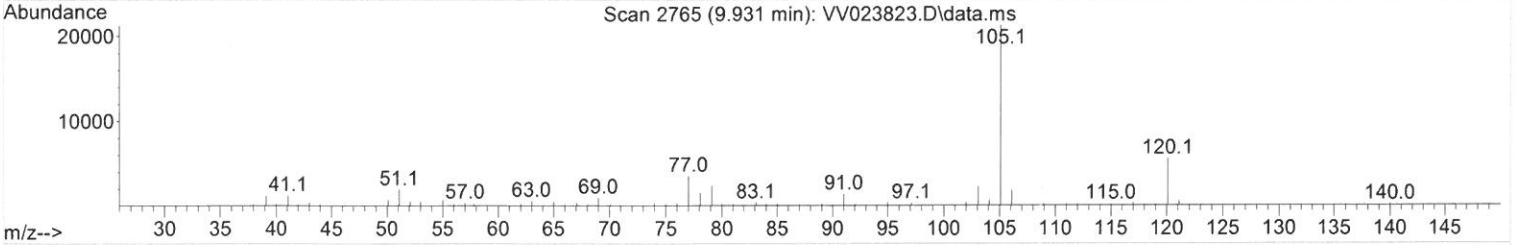

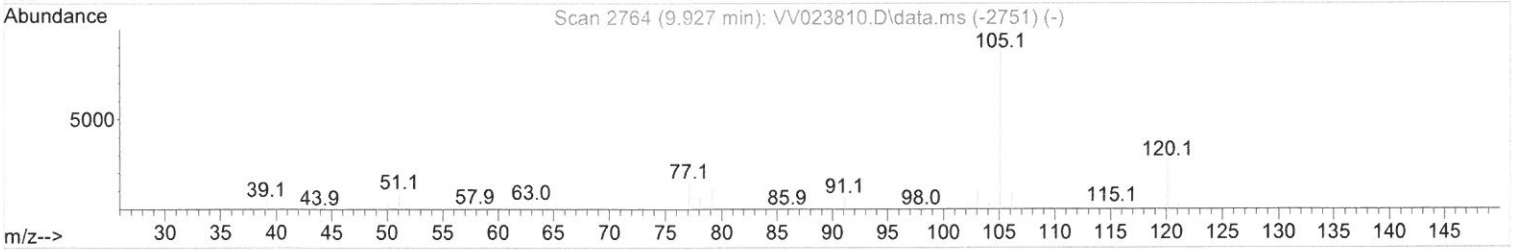

TIC: VV023823.D\data.ms

(60) Isopropylbenzene (T)

9.931min (+ 0.000) 0.79 ug/L m

12/9/21

response 33057

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	26.70	572.01#
77.00	15.30	210.89#
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	5.619	114	136251	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127122	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70114	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55743	4.984	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.600%			
7) Chloroethane-d5	1.568	69	41777	4.752	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.000%			
11) 1,1-Dichloroethene-d2	2.108	63	73902	3.749	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.000%			
20) 2-Butanone-d5	3.892	46	100684	74.879	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 149.760%#			
24) Chloroform-d	4.349	84	96179	4.938	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%			
26) 1,2-Dichloroethane-d4	5.034	65	46769	5.140	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.800%			
32) Benzene-d6	5.050	84	191129	5.520	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.400%			
36) 1,2-Dichloropropane-d6	6.069	67	53087	5.468	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.400%			
41) Toluene-d8	7.317	98	178845	5.528	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.600%			
43) trans-1,3-Dichloroprop...	7.622	79	22069	5.640	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 112.800%			
46) 2-Hexanone-d5	8.088	63	92384	71.056	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 142.120%#			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37743	5.403	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.000%			
66) 1,2-Dichlorobenzene-d4	11.622	152	72335	5.835	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.800%			
Target Compounds						Qvalue
13) Acetone	2.185	43	9830	8.124	ug/L	83
18) trans-1,2-Dichloroethene	2.764	96	4170	0.401	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	124663	12.502	ug/L	96
30) Cyclohexane	4.677	56	42000	3.030	ug/L	97
34) Trichloroethene	5.912	95	122195	12.587	ug/L	98
35) Methylcyclohexane	6.130	83	21272	1.405	ug/L	92
42) Toluene	7.391	91	53691	1.366	ug/L	96
47) Tetrachloroethene	7.976	164	692388	78.355	ug/L	98
52) Ethylbenzene	9.011	91	247743	6.030	ug/L	98
53) m,p-xylene	9.137	106	196762	12.033	ug/L	96
54) o-xylene	9.542	106	39162	2.518	ug/L	98
60) Isopropylbenzene	9.931	105	33057m	0.790	ug/L	
62) 1,3,5-Trimethylbenzene	10.538	105	240943	6.916	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1112038	32.280	ug/L	100

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

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