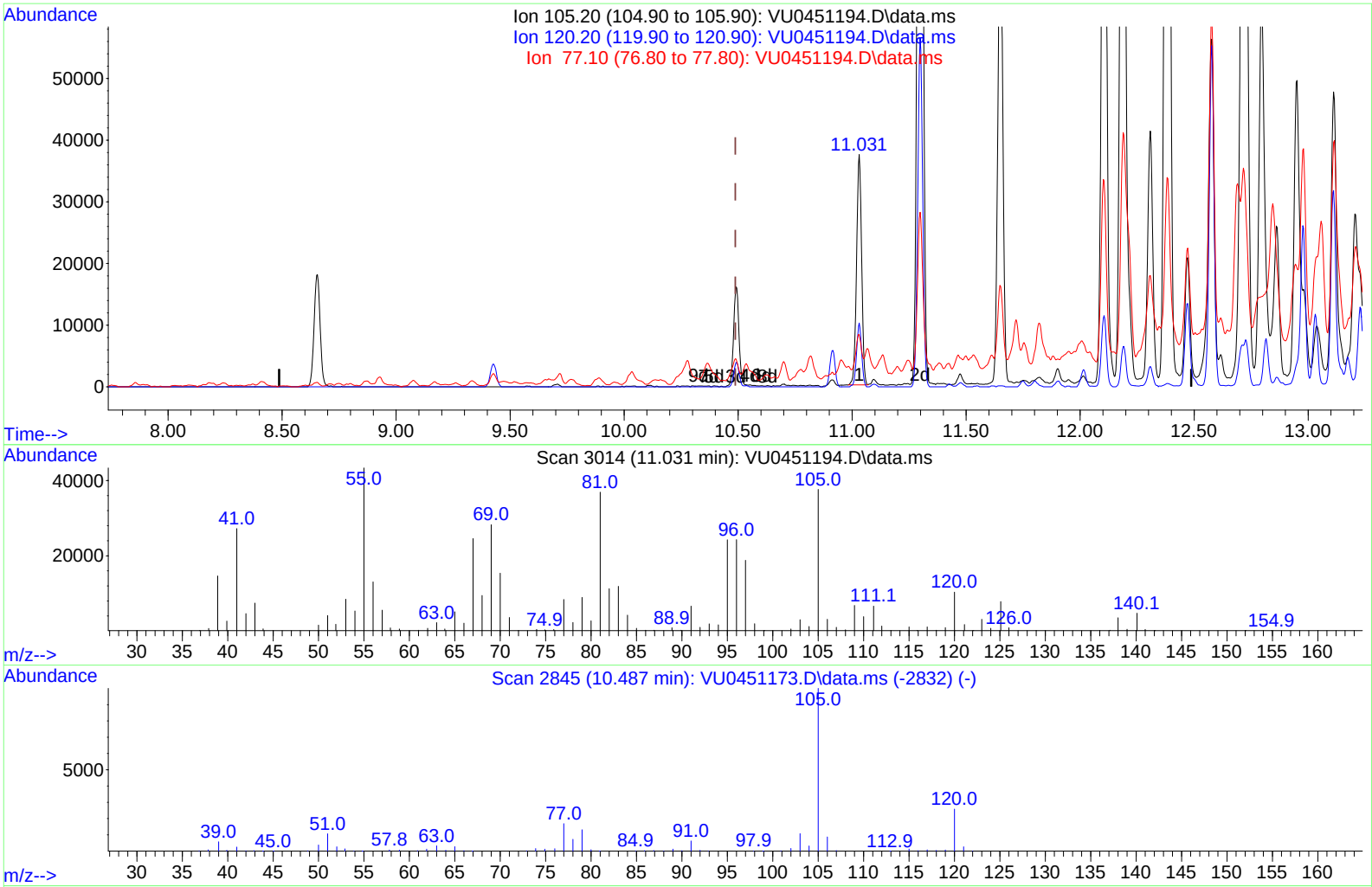
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
Data File : VU045194.D
Acq On : 06 Oct 2021 18:36
Operator : SY/MD
Sample : M3973-22ME
Misc : 5.02g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 07 03:03:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 03:00:32 2021
Response via : Initial Calibration



TIC: VU0451194.D\data.ms

(61) Isopropylbenzene (T)

11.031min (+ 0.544) 4.71 ug/L

response 57469

Ion	Exp%	Act%
105.20	100.00	100.00
120.20	25.60	27.49
77.10	16.90	15.73
0.00	0.00	0.00

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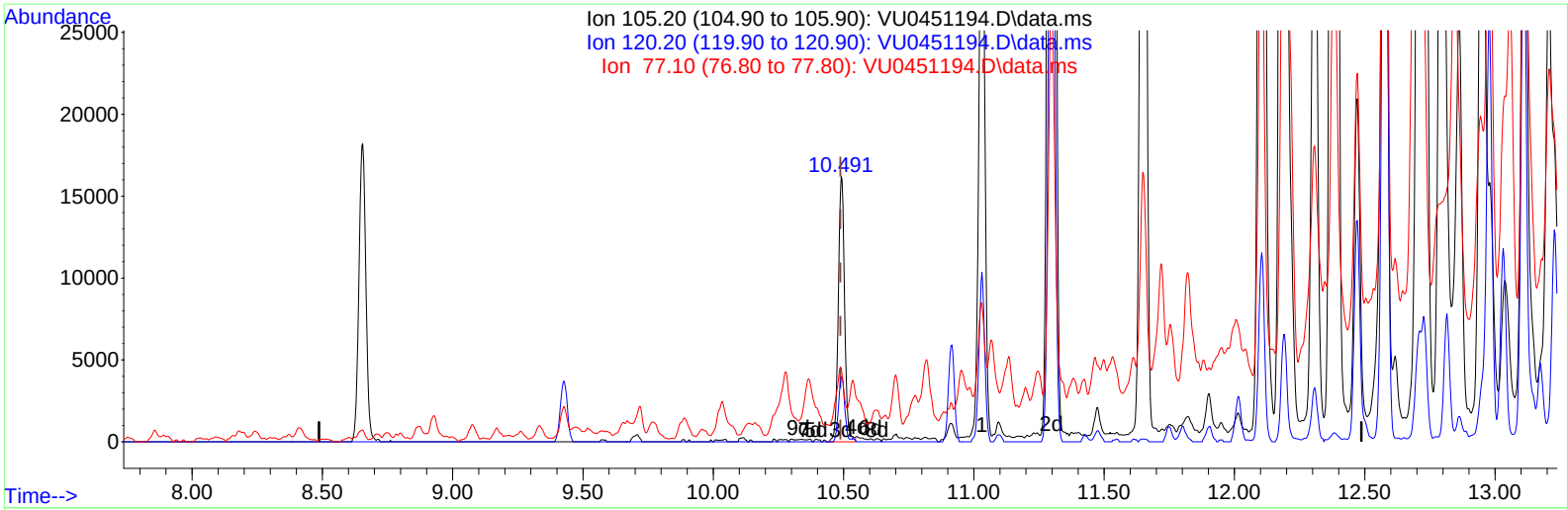

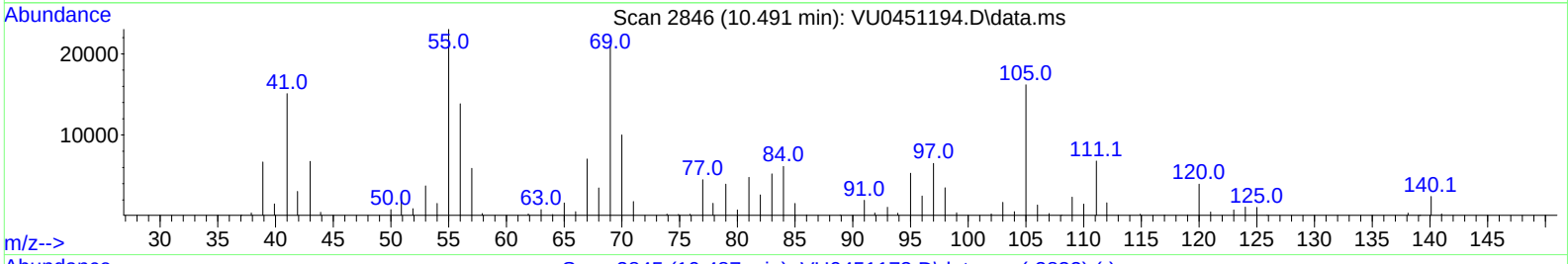

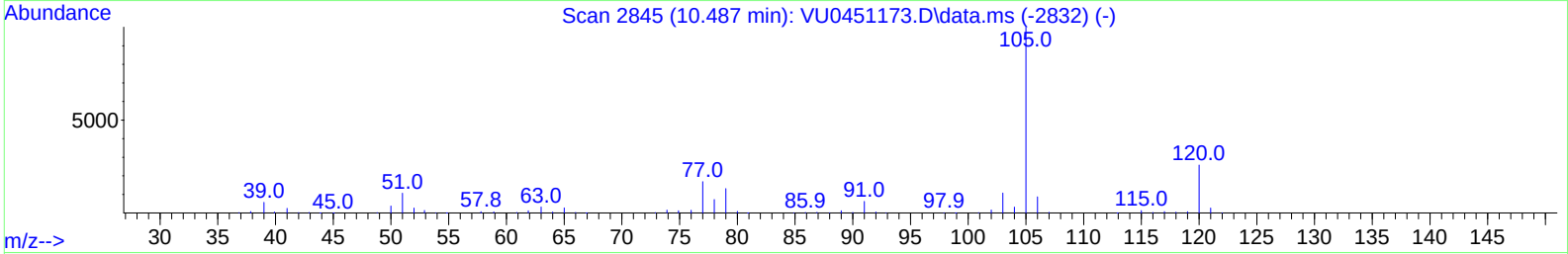

TIC: VU0451194.D\data.ms

(61) Isopropylbenzene (T)

10.491min (+ 0.003) 2.22 ug/L m

response 27077

Ion	Exp%	Act%
105.20	100.00	100.00
120.20	25.60	58.35#
77.10	16.90	33.39#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 07 03:03:44 2021
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Quant Title : VOC Analysis
QLast Update : Thu Oct 07 03:00:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	345315	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	335005	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	166608	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	112321	29.713	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	59.420%#		
7) Chloroethane-d5	1.871	69	37747	12.601	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	25.200%#		
11) 1,1-Dichloroethene-d2	2.517	63	169554	26.709	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.420%#		
21) 2-Butanone-d5	4.649	46	224146	75.002	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.000%		
24) Chloroform-d	5.067	84	215662	36.122	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.240%		
26) 1,2-Dichloroethane-d4	5.703	65	157922	39.050	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.100%		
32) Benzene-d6	5.723	84	464044	39.919	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.840%		
36) 1,2-Dichloropropane-d6	6.694	67	153232	40.426	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.860%		
41) Toluene-d8	7.903	98	418550	41.722	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.440%		
43) trans-1,3-Dichloroprop...	8.185	79	70673	41.916	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.840%		
47) 2-Hexanone-d5	8.652	63	173253	82.481	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.480%		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	238224	40.361	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.720%		
66) 1,2-Dichlorobenzene-d4	12.201	152	155965	43.015	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.020%		
Target Compounds						Qvalue
35) Methylcyclohexane	6.758	83	25143	5.032	ug/L #	86
42) Toluene	7.973	91	7033	0.557	ug/L	97
61) Isopropylbenzene	10.491	105	27077m	2.221	ug/L	

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

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